

Recent Publications - Faculty of Health Sciences

BY MEMBERS OF THE STAFF AND BY RESEARCH STUDENTS WORKING UNDER THEIR SUPERVISION

The publications information has been derived from the College's Research Support System. Every effort has been made to ensure that the information is accurate and complete. Please notify the Research Support Systems Administrator (email: rssadmin@tcd.ie) of any errors or omissions which will be corrected in next year's Calendar.

School of Dental Science

ORAL BIOSCIENCES

Coleman, David, 'Exploring the evolution and epidemiology of European CC1-MRSA-IV: tracking a multidrug-resistant community-associated methicillin-resistant *Staphylococcus aureus* clone', *Microbial Genomics*, 7, 7 (2021), 1-9:000601 [M.R. Earls, E.J. Steinig, S. Monecke (...), R. Enright, D.C. Coleman]

'Methicillin-resistant *Staphylococcus aureus* transmission among healthcare workers, patients and the environment in a large acute hospital under non-outbreak conditions investigated by whole-genome sequencing', *Journal of Hospital Infection*, 118, December (2021), 99-107 [P.M. Kinnevey, A. Kearney, A.C. Shore (...), H. Humphreys, D.C. Coleman]

'Genomic analysis of 600 vancomycin-resistant *Enterococcus faecium* reveals a high prevalence of ST80 and spread of similar vanA regions vIA IS1216E and plasmid transfer in diverse genetic lineages in Ireland', *Journal of Antimicrobial Chemotherapy*, 77, 2 (2022), 320-330 [S.A. Egan, N.L. Kavanagh, A.C. Shore (...), H. Westh, D.C. Coleman]

Flanagan, Peter, 'The largest prison outbreak of TB in western Europe investigated using whole-genome sequencing', *The International Journal of Tuberculosis and Lung disease:the Official Journal of the International Union against Tuberculosis and Lung Disease* (2021), <http://dx.doi.org/10.5588/ijtld.21.0033> [E. Roycroft, M.M. Fitzgibbon, D.M. Kelly (...), P.R. Flanagan *et al.*]

'False detection of rifampicin resistance using Xpert® MTB/RIF Ultra assay due to an A451V mutation in *Mycobacterium tuberculosis*', *JAC Antimicrob Resist*, 3, 3 (2021), dlab101 [M.M. Fitzgibbon, E. Roycroft, G. Sheehan (...), P.R. Flanagan *et al.*]

Fleming, Garry, 'Strength-limiting damage and its mitigation in CAD-CAM zirconia-reinforced lithium-silicate ceramics machined in a fully crystallized state', *Dental Materials*, 36, 12 (2020), 1557-1565 [D.L. Romanyk, Y. Guo, N. Rae (...), G.J. Fleming, O. Addison]

Kinnevey, Peter, 'Methicillin-resistant *Staphylococcus aureus* transmission among healthcare workers, patients and the environment in a large acute hospital under non-outbreak conditions investigated by whole-genome sequencing', *Journal of Hospital Infection*, 118, December (2021), 99-107 [P.M. Kinnevey, A. Kearney, A.C. Shore (...), H. Humphreys, D.C. Coleman]

PUBLIC AND CHILD DENTAL HEALTH

Daly, Blanaid, 'Avoiding dental anxiety traps', *Journal of the Irish Dental Association*, 66, 5 (2020), 232-234 [C. Mac Giolla Phaidraig, N. Neeson, O. Murdoch, B. Daly]

'The Lancet oral health series: implications for oral and dental research', *Journal of Dental Research*, 99, 1 (2020), 8-10 [R.G. Watt, B. Daly, P. Allison (...), C. Kearns, H. Benzan]

Recent publications – Faculty of Health Sciences

- 'Presence and impact of bleeding from the mouth in people living with von Willebrand's disease in Ireland', *Irish Journal of Medical Science*, 189 (2020), 11-27 [S. Anishchuk, B. Daly, A. Dougall]
- 'Training for dental professionals improves confidence in managing patients with dental anxiety in Ireland', *Journal of the Irish Dental Association*, 66, 5 (2020), 242-246 [P.C. Mac Giolla Phadraig, N. Neeson, O. Murdoch, B. Daly]
- 'Down syndrome and oral health: mothers' perception on their children's oral health and its impact', *Journal of Patient Reported Outcomes*, 4, 1 (2020), 45 [A.H. AlJameel, R.G. Watt, G. Tsakos, B. Daly]
- 'The impact of the first wave of the covid-19 pandemic on providing special care dentistry: a survey for dentists', *International Journal of Environmental Research and Public Health*, 18, 6 (2021), 2970-4 [J. Limeres Posse, M. van Harten, C. Mac Giolla Phadraig (...), B. Daly, P. Diz Dios]
- 'Newer therapies in management of haemophilia opens up prosthodontic opportunities: a case report', *Medicina Oral Patologia Oral Y Cirugia Bucal*, 26 (2021), 23-25 [H. Ayup, M. O'Sullivan, N.S. Ishak, L. Parkinson, B. Daly, A. Dougall]
- 'Oral diseases: a global public health challenge - authors' reply', *Lancet*, 395, 10219 (2020), 186-187 [M.A. Peres, B. Daly, C.C. Guarnizo-Herreño, H. Benzian, R.G. Watt]
- Dougall, Alison**, 'Presence and impact of bleeding from the mouth in people living with von Willebrand's disease in Ireland', *Irish Journal of Medical Science*, 189 (2020), 11-27 [S. Anishchuk, B. Daly, A. Dougall]
- 'The impact of the first wave of the covid-19 pandemic on providing special care dentistry: a survey for dentists', *International Journal of Environmental Research and Public Health*, 18, 6 (2021), 2970-4 [J. Limeres Posse, M. van Harten, C. Mac Giolla Phadraig (...), A. Dougall et al.]
- 'Covid-19 vaccination among people with disability', *Special Care in Dentistry*, 41, 6 (2021), 655-657 [A. Dougall, G. Molina, C. Mac Giolla Phadraig]
- 'Single centre, real-world experience of perioperative rFIXFc use in adult patients with haemophilia B undergoing major and minor surgery', *Haemophilia*, 27, 6 (2021), 690-697 [M. O'Donovan, E. Singleton, S. Roche (...), A. Dougall et al.]
- 'European haemophilia therapy standardisation board. Management of acute haemarthrosis in haemophilia A without inhibitors: literature review', *Haemophilia*, 17 (2021), 383-384 [A. Srivastava, E. Santagostino, A. Dougall (...), H. Marijke van den Berg, G.F. Pierce]
- 'Newer therapies in management of haemophilia opens up prosthodontic opportunities: a case report', *Medicina Oral Patologia Oral Y Cirugia Bucal*, 26 (2021), 23-25 [H. Ayup, M. O'Sullivan, N.S. Ishak, L. Parkinson, B. Daly, A. Dougall]
- 'WFH guidelines for the management of hemophilia', *Haemophilia*, 26, 1 (2020), 1-158 [A. Srivastava, E. Santagostino, A. Dougall (...), H. Marijke van den Berg, G.F. Pierce]
- 'Covid-19 a personal reflection', *Special Care in Dentistry*, 40, 3 (2020), 216 [A. Dougall]
- Duane, Brett**, 'Incorporating sustainability into assessment of oral health interventions', *British Dental Journal*, 229, 5 (2020), 310-314 [B. Duane, P. Ashley, S. Saget, D. Richards, E. Pasdeki-Clewer, A. Lyne]
- 'Sustainability in dentistry: a multifaceted approach needed', *Journal of Dental Research* (2020), 002203452091939 [B. Duane, R. Stancliffe, F.A. Miller, J. Sherman, E. Pasdeki-Clewer]
- 'Non-sterile examination gloves and sterile surgical gloves: which are more sustainable?', *Journal of Hospital Infection*, 118 (2021), 87-95 [H. Jamal, A. Lyne, P. Ashley, B. Duane]
- 'The life cycle analysis of a dental examination: quantifying the environmental burden of an examination in a hypothetical dental practice', *Community Dentistry and Oral Epidemiology*, 49, 6 (2021), 581-593 [L. Borglin, S. Pekarski, S. Saget, B. Duane]

Recent publications – Faculty of Health Sciences

- 'Webinars reduce the environmental footprint of pediatric cardiology conferences', *Cardiology in the Young*, 31, 10 (2021), 1625-1632 [B. Duane, A. Lyne, T. Faulkner (...), J.T. Tretter, C.J. McMahon]
- 'AMEE consensus statement: planetary health and education for sustainable healthcare', *Medical Teacher*, 43, 3 (2021), 272-286 [E. Shaw, S. Walpole, M. McLean (...), D. Brett *et al.*]
- 'Environmental sustainability in endodontics. A Life Cycle Assessment (LCA) of a root canal treatment procedure', *BMC Oral Health*, 20, 1 (2020), <http://dx.doi.org/10.1186/s12903-020-01337-7> [D. Brett, L. Borglin, S. Pekarski, S. Saget, H.F. Duncan]
- 'The UK national health service is world leader in sustainable healthcare: recommendations for Canada', *HealthcarePapers*, 19, 3 (2020), 27-34 [B. Duane]
- 'Combining evidence-based healthcare with environmental sustainability: using the toothbrush as a model', *British Dental Journal*, 229, 5 (2020), 303-309 [A. Lyne, P. Ashley, S. Saget, M. Porto Costa, B. Underwood, B. Duane]
- 'The oral status survey tool: construction, validity, reliability and feasibility among people with mild and moderate intellectual disabilities', *Journal of Intellectual Disability Research: JIDR*, 65, 5 (2021), 437-451 [C. Mac Giolla Phadraig, N.S. Ishak, M. van Harten, W. Al Mutairi, B. Duane, E. Donnelly-Swift, J. Nunn]
- 'The green print: advancement of environmental sustainability in healthcare', *Resources, Conservation and Recycling*, 161 (2020), 104882 [J.D. Sherman, C. Thiel, B. Steven, J. Zimmerman, M.M. Bilec]
- O'Connell, Anne**, 'International association of dental traumatology guidelines for the management of traumatic dental injuries: 1. Fractures and luxations', *Dental Traumatology*, 36, 4 (2020), 314-330 [C. Bourguignon, N. Cohenca, S. Harlamb (...), M. Semper, L. Levin]
- 'International association of dental traumatology guidelines for the management of traumatic dental injuries: 2. Avulsion of permanent teeth', *Dental Traumatology*, 36, 4 (2020), 331-342 [A.F. Fouad, P.V. Abbott, S. Harlamb (...), M. Semper, L. Levin]
- 'International association of dental traumatology guidelines for the management of traumatic dental injuries: 3. Injuries in the primary dentition', *Dental Traumatology*, 36, 4 (2020), 343-359 [P.F. Day, M. Therese Flores, A.C. O'Connell (...), M. Semper, L. Levin]
- 'International association of dental traumatology guidelines for the management of traumatic dental injuries: general introduction', *Dental Traumatology*, 36, 4 (2020), 309-313 [L. Levin, P.F. Day, L. Hicks (...), A. O'Connell *et al.*]
- 'Cross-sectional cohort study on the use of mouthguards by children playing Gaelic football in Ireland', *Dental Traumatology: Official Publication of International Association for Dental Traumatology*, 37, 6 (2021), 795-802 [E. Shore, A.C. O'Connell]
- 'Parental perception on oral health-related quality of life and dental features of ectodermal dysplasia and isolated hypodontia in children', *BMC Oral Health*, 21, 1 (2021), 510 [E. Crossan, A.C. O'Connell]
- 'Prevalence of Hypomineralised Second Primary Molars (HSPM): a systematic review and meta-analysis', *International Journal of Paediatric Dentistry* (2021), <http://hdl.handle.net/2262/98108> [C. McCarra, I.C. Olegário, A.C. O'Connell, R. Leith]
- Olegário da Costa, Isabel**, 'Prevalence of Hypomineralised Second Primary Molars (HSPM): a systematic review and meta-analysis', *International Journal of Paediatric Dentistry* (2021), <http://hdl.handle.net/2262/98108> [C. McCarra, I.C. Olegário, A.C. O'Connell, R. Leith]
- 'Atraumatic restorative treatment compared to the Hall technique for occluso-proximal carious lesions in primary molars; 36-month follow-up of a randomised control trial in a school setting', *BMC Oral Health*, 20, 1 (2020), <http://hdl.handle.net/2262/98111> [M.P. Araujo, N.P. Innes, C.C. Bonifácio (...), I.C. Olegário *et al.*]

Recent publications – Faculty of Health Sciences

'Covid-19 pandemic impact on dentists in Latin America's epicenter: Sao-Paulo, Brazil', *PLoS ONE*, 16, 8 (2021), <http://hdl.handle.net/2262/98109> [T.F. Novaes, M.C. Jordao, C.F. Bonacina (...), I.C. Olegário *et al.*]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

Davis, Siobhan, 'Evaluation of an e-learning teaching innovation to assist clinical radiation therapy educators in the provision of student feedback', *Journal of Medical Imaging and Radiation Science* (2021), <http://hdl.handle.net/2262/96783> [M. Kearney, M. Leech, M.O. Neill, S. Davis]

'Speech and language therapists perspective of an e-learning course on providing feedback in the clinical learning environment', *Folia Phonetrica and Logopae* (2021), 10.1159/000519614 [D. Quigley, O. Gilheaney, M. O'Neill, S. Davis]

Duncan, Hal, 'Is articaine more effective than lidocaine in patients with irreversible pulpitis? An umbrella review', *International Endodontic Journal*, 53, 2 (2020), 200-213 [V. Nagendrababu, H.F. Duncan, J. Whitworth (...), S.K. Veetil, P.M.H. Dummer]

'Critical analysis of the reporting quality of randomized trials within endodontics using the Preferred Reporting Items for RAndomized Trials in Endodontics (PRIRATE) 2020 quality standard checklist', *International Endodontic Journal* (2021), <http://dx.doi.org/10.1111/iej.13489> [V. Nagendrababu, A. Jakovljevic, J. Jacimovic, H.F. Duncan, J. Jayaraman, P.M.H. Dummer]

'Frightened of the pulp? A qualitative analysis of undergraduate student confidence and stress during the management of deep caries and the exposed pulp', *International Endodontic Journal*, 54, 1 (2021), 130-146 [V. Chevalier, A. Le Fur Bonnabesse, H.F. Duncan]

'Preferred Reporting items for OBServational studies in Endodontics (PROBE) guidelines: a development protocol', *International Endodontic Journal*, 53, 9 (2020), 1199-1203 [V. Nagendrababu, H.F. Duncan, A.F. Fouad (...), J. Jayaraman, P.M.H. Dummer]

'Diabetes mellitus may negatively influence the outcome of conventional nonsurgical root canal treatment', *The Journal of Evidence-Based Dental Practice*, 20, 3 (2020), 101467 [A. Jakovljevic, H.F. Duncan]

'Comparison of two case difficulty assessment methods on cohorts of undergraduate dental students - a multi-centre study', *International Endodontic Journal*, 53, 11 (2020), 1569-1580 [P.K. Shah, H.F. Duncan, D. Abdullah (...), S. Butcher, B.S. Chong]

'An investigation into dose optimisation for imaging root canal anatomy using cone beam CT', *Dento Maxillo Facial Radiology*, 49, 7 (2020), 20200072 [M.B. McGuigan, C. Theodorakou, H.F. Duncan, J. Davies, A. Sengupta, K. Horner]

'Improving the quality of randomized trials in endodontics', *International Endodontic Journal*, 53, 6 (2020), 731-732 [H.F. Duncan, V. Nagendrababu, L. Bjørndal, T. Kvist, P.M.H. Dummer]

'Preferred Reporting Items for study Designs in Endodontology (PRIDE): guiding authors to identify and correct reporting deficiencies in their manuscripts prior to peer review', *International Endodontic Journal*, 53, 5 (2020), 589-590 [V. Nagendrababu, A. Kishen, B.S. Chong (...), H.F. Duncan *et al.*]

'PRIRATE 2020 guidelines for reporting randomized trials in endodontics: explanation and elaboration', *International Endodontic Journal*, 53, 6 (2020), 774-803 [V. Nagendrababu, H.F. Duncan, L. Bjørndal (...), S.J. Pulikkotil, P.M.H. Dummer]

'Glossary for systematic reviews and meta-analyses', *International Endodontic Journal*, 53, 2 (2020), 232-249 [V. Nagendrababu, P. Dilokthornsakul, P. Jinatongthai (...), H.F. Duncan, P.M.H. Dummer]

'Research that matters: systematic reviews and meta-analyses', *International Endodontic Journal*, 53, 4 (2020), 437-439 [V. Nagendrababu, H.F. Duncan, P.M.H. Dummer]

'PRIRATE 2020 guidelines for reporting randomized trials in endodontics: a consensus-based development', *International Endodontic Journal*, 53, 6 (2020), 764-773 [V. Nagendrababu, H.F. Duncan, L. Bjørndal (...), M. Vaeth, P.M.H. Dummer]

Recent publications – Faculty of Health Sciences

- 'A prospective clinical study investigating the effectiveness of partial pulpotomy after relating preoperative symptoms to a new and established classification of pulpitis', *International Endodontic Journal*, 54, 12 (2021), 2156-2172 [R. Careddu, H.F. Duncan]
- 'European Society of Endodontology position statement: the restoration of root filled teeth', *International Endodontic Journal*, 54, 11 (2021), 1974-1981 [F. Mannocci, B. Bhuvu, M. Roig (...), H.F. Duncan *et al.*]
- 'Endodontic position statements in deep caries management highlight need for clarification and consensus for patient benefit', *International Endodontic Journal*, 54, 11 (2021), 2145-2149 [H.F. Duncan, P.L. Tomson, S. Simon, L. Bjørndal]
- 'Ezh2 knockout in mesenchymal cells causes enamel hyper-mineralization', *Biochemical and Biophysical Research Communications*, 567 (2021), 72-78 [Y. Kobayashi, A. Quispe-Salcedo, S. Bodas (...), H.F. Duncan *et al.*]
- 'The association between apical periodontitis and adverse pregnancy outcomes: a systematic review', *International Endodontic Journal*, 54, 9 (2021), 1527-1537 [A. Jakovljevic, T. Slijvancanin Jakovljevic, H. F. Duncan, V. Nagendrababu, J. Jacimovic, A. Aminoshariae, J. Milasin, P. M. H. Dummer]
- 'The management of deep caries in UK primary care: a nationwide questionnaire-based study', *International Endodontic Journal* (2021), <http://dx.doi.org/10.1111/iej.13585> [D. Edwards, O. Bailey, S. Stone, H. Duncan]
- 'International Endodontic Journal policy on mandatory prospective (*a priori*) protocol registration for clinical trials and systematic reviews', *International Endodontic Journal*, 54, 10 (2021), 1685-1686 [V. Nagendrababu, H.F. Duncan, P.M.H. Dummer]
- O'Sullivan, Jeffrey, 'Novel facet of an old dietary molecule? Direct influence of caffeine on glucose and biogenic amine handling by human adipocytes', *Molecules (Basel, Switzerland)*, 26, 13 (2021), <http://dx.doi.org/10.3390/molecules26133831> [W.H. Ahmed, N. Boulet, A. Briot (...), J. O'Sullivan *et al.*]
- 'Cisplatin induces autophagy-associated apoptosis in human oral squamous cell carcinoma (OSCC) mediated in part through reactive oxygen species', *Toxicology and Applied Pharmacology*, 427 (2021), 115646 [S. Magnano, P. Hannon Barroeta, R. Duffy, J. O'Sullivan, D.M. Zisterer]
- O'Sullivan, Michael, 'Estimation and consumption pattern of free sugar intake in 3-year-old Irish preschool children', *European Journal of Nutrition*, 59, 5 (2020), 2065-2074 [M. Crowe, M O'Sullivan, O. Cassetti, A. O'Sullivan.]
- 'The opioid crisis: evaluating the safety and efficacy of opioid analgesia in the management of acute post-operative dental pain', *Dental Update*, 48 (2021), 859-864 [D. Merrick, M. O'Sullivan, M. Clark.]
- 'Management of the deep carious lesion: a literature review', *Journal of the Irish Dental Association*, 67, 1 (2021), 36-42 [B. Barrett, M. O'Sullivan]
- 'Persistent post-surgical orofacial pain', *Journal of the Irish Dental Association*, 67, 6 (2021), 346-350 [D. Canavan, M. O'Sullivan, P. Hardy, G. Clark]
- Polyzois, Ioannis, 'Prescription of antibiotics for the prevention of failures and postoperative infections in oral implantology: a literature review', *Journal of the Irish Dental Association*, 67, 4 (2021), 207-211 [M. El Azrak, I. Polyzois]
- 'What is the influence of implant surface characteristics and/or implant material on the incidence and progression of peri-implantitis? A systematic literature review', *Clinical Oral Implants Research*, 32, 21 (2021), 203-229 [A. Stavropoulos, K. Bertl, L. Winning, I. Polyzois]
- Winning, Lewis, 'A review of the evidence for the provision of the routine scale and polish for the prevention of periodontal disease', *Dental Update*, 48, 3 (2021), 201-205 [R. Birt, C.M. Healy, D. MacCarthy, L. Winning]

Recent publications – Faculty of Health Sciences

'Systemic inflammation and the relationship between periodontitis, edentulism, and all-cause mortality: a 17-year prospective cohort study', *Journal of Clinical Periodontology*, 48, 9 (2021), 1260-1269 [L. Winning, C.C. Patterson, K. Linden, K.M. Cullen, F. Kee, G.J. Linden]

'Oral health care for the critically ill: a narrative review', *Critical Care*, 25, 1 (2021), <http://dx.doi.org/10.1186/s13054-021-03765-5> [L. Winning, F.T. Lundy, B. Blackwood, D.F. McAuley, I. El Karim]

'Periodontal status and chronic obstructive pulmonary disease (COPD) exacerbations: a systematic review', *BMC Oral Health*, 21, 1 (2021), <http://dx.doi.org/10.1186/s12903-021-01757-z> [N. Kelly, L. Winning, C. Irwin (...), G.J. Linden, I.A. El Karim]

'What is the influence of implant surface characteristics and/or implant material on the incidence and progression of peri-implantitis? A systematic literature review', *Clinical Oral Implants Research*, 32, 21 (2021), 203-229 [A. Stavropoulos, K. Bertl, L. Winning, I. Polyzois]

'Chapter 1. Management of chronic dental disease', *Clinical Cases in Gerontology*, eds G. McKenna, F. Allen, F. Burke, Wiley-Blackwell (2021), 13-24 [L. Winning, C. Irwin]

'Differential regulation of NPY and SP receptor expression in STRO-1+ve PDLSCs by inflammatory cytokines', *Journal of Periodontal Research* (2021), <http://dx.doi.org/10.1111/jre.12952> [L. Winning, I.A. El Karim, G.J. Linden (...), S.A. Killough, F.T. Lundy]

'Periodontitis: all change please? Introduction to the new S3-level treatment guidelines', *Journal of the Irish Dental Association*, 67, 5 (2021), 262-266 [A. Roberts, L. Winning, P. Harrison]

School of Medicine

Conlon, Brendan, 'Bimodal neuromodulation combining sound and tongue stimulation reduces tinnitus symptoms in a large randomized clinical study', *Science Translational Medicine*, 12, 564 (2020), 1-15 [B. Conlon, B. Langguth, C. Hamilton (...), S. D'Arcy, H.H. Lim]

'Coronavirus disease 2019 and sudden sensorineural hearing loss', *Journal of Laryngology and Otology*, 134, 11 (2020), 1026-1028 [B. Lang, J. Hintze, B. Conlon]

Hennessy, Martina, 'Exercise and chronic health conditions in the community: a qualitative study of patients and fitness instructors', *Health and Social Care in the Community* (2021), <http://dx.doi.org/10.1111/hsc.13288> [G. Sheill, M. Hennessy, L. O'Neill (...), M. Gill, E. Guinan]

Hussein, Ghaiath, 'CRISPR-Cas9 and He Jiankui's case: an Islamic bioethics review using Maqasid al-Shari'a and Qawaid Fighiyah', *Asian Bioethics Review*, 13, 2 (2021), 149-165 [N. Alsomali, G. Hussein]

Kane, David, 'Correspondence to: 'Characteristics associated with hospitalisation for covid-19 in people with rheumatic disease: data from the covid-19 global rheumatology alliance physician-reported registry' by Gianfrancesco *et al.*', *Annals of the Rheumatic Diseases* (2020), <http://dx.doi.org/10.1136/annrheumdis-2020-218733> [R.M. Flood, R. Conway, C. Kirby, D. Gheta, D.J. Kane, R.H. Mullan]

'EULAR/eumusc.net standards of care for rheumatoid arthritis: cross-sectional analyses of importance, level of implementation and care gaps experienced by patients and rheumatologists across 35 European countries', *Annals of the Rheumatic Diseases*, 79, 11 (2020), 1423-1431 [R. Meisters, P. Putrik, S. Ramiro, S.M.M. Verstappen, A. Boonen]

Patterson, Aileen, 'Supervision, interprofessional collaboration, and patient safety in intensive care units during the covid-19 pandemic', *ATS Scholar* (2021), ats-scholar.202 [M.P. Hennis, J.Q. Young, M. Hennessy (...), A. Petterson *et al.*]

'Collaboration, supervision and patient safety in the era of covid-19: an analysis of medical wards and ICU', *Irish Journal of Medical Science (1971-)* (2021), <http://dx.doi.org/10.1007/s11845-021-02693-1> [M. Lincoln, A. Gabr, C. Kennedy (...), A. Patterson *et al.*]

Recent publications – Faculty of Health Sciences

- 'Fostering the development of professional identity within healthcare education - interdisciplinary innovation', *Journal of Medical Imaging and Radiation Sciences* (2021), S45-S50 [C. Poole, A. Patterson]
- Tobin, Katy**, 'Adherence to discounting guidelines: evidence from over 2000 published cost-effectiveness analyses', *Pharmacoeconomics*, 38, 8 (2020), 809-818 [M.Q.T. Kwok, M.A. Kareem, M.J. Cash, F. Lafferty, K. Tobin, J.F. O'Mahony]
- Trepel, Dominic**, 'Perceptions of European ME/CFS experts concerning knowledge and understanding of ME/CFS among primary care physicians in Europe: a report from the European ME/CFS research network (EUROMENE)', *Medicina*, 57, 3 (2021), 208 [J. Cullinan, D.F.H. Pheby, D. Araja (...), D. Trepel, X. Wang-Steverding]
- 'The development of a consistent Europe-wide approach to investigating the economic impact of myalgic encephalomyelitis (ME/CFS): a report from the European network on ME/CFS (EUROMENE)', *Healthcare*, 8, 2 (2020), 88 [D.F.H. Pheby, D. Araja, U. Berkis (...), D. Trepel, X. Wang-Steverding]
- 'A literature review of GP knowledge and understanding of ME/CFS: a report from the socioeconomic working group of the European network on ME/CFS (EUROMENE)', *Medicina*, 57, 1 (2020), 7 [D.F.H. Pheby, D. Araja, U. Berkis (...), D. Trepel, X. Wang-Steverding]
- 'Cost-effectiveness of brief structured interventions to discontinue long-term benzodiazepine use: an economic analysis alongside a randomised controlled trial', *HRB Open Research*, 3 (2020), 33 [D. Trépel, S. Ali, S. Gilbody (...). E. Sempere, C. Vicens]
- 'A protocol for the establishment and evaluation of an older adult stakeholder panel for health services research', *HRB Open Research*, 3 (2020), 1 [M. Conneely, P. Boland, A. O'Neill (...), D. Trépel *et al.*]

ANATOMY

- Alherz, Mohammad**, 'A torque induced iatrogenic fracture of the humeral shaft in proximal humeral fracture plating - a case report and biomechanical perspectives', *Annals of Medicine and Surgery*, 68 (2021), 102615 [A. Lari, M. Alherz, A. Jarragh]
- 'Dissociating advances in orthopaedic trauma management from the climbing patient expectations', *European Journal of Trauma and Emergency Surgery* (2021), <http://dx.doi.org/10.1007/s00068-021-01705-0> [A. Lari, M. Alherz, A. Jarragh]
- 'Global variation in postoperative mortality and complications after cancer surgery: a multicentre, prospective cohort study in 82 countries', *The Lancet*, 397, 10272 (2021), 387-397 [S.R. Knight, C.A. Shaw, R. Pius (...), P. Nagappan, P. Pockney]
- 'The growth response to beta-hydroxybutyrate in SH-SY5Y neuroblastoma cells is suppressed by glucose and pyruvate supplementation', *Neurochemical Research*, 46, 3 (2021), 701-709 [M. Alherz, D. Lee, A. Alshangiti (...), R. White, D. Barry]
- 'Disparities in health literacy during the covid-19 pandemic between the hearing and deaf communities', *Research in Developmental Disabilities*, 119 (2021), 104089 [H. Almusawi, K. Alasim, S. BinAli, M. Alherz]
- 'Surgical site infection after gastrointestinal surgery in children: an international, multicentre, prospective cohort study', *BMJ Global Health*, 5, 12 (2020), <http://dx.doi.org/10.1136/bmjgh-2020-003429> [M. Alherz as part of GlobalSurg Collaborative]
- 'Caution against precaution: a case report on silent hypoxia in covid-19', *Annals of Medicine and Surgery*, 60 (2020), 301-303 [A. Lari, M. Alherz, A. Nouri, L. Botras, S. Taqi]
- 'Can variability enhancing factors replace models of risk as the basis of schizophrenia and development?', *BioEssays*, 42, 11 (2020), 2000237 [M. Alherz]
- 'On the existence of a linguistic distance in schizophrenia', *Psychological Medicine* (2020), 1-2 [M. Alherz]

Recent publications – Faculty of Health Sciences

- Barry, Denis**, 'Radiology perspective on anatomy teaching in Australia and New Zealand', *Surgical and Radiologic Anatomy* (2021), <https://doi.org/10.1007/s00276-021-02811-9> [J. Power, P. Dempsey, D. Barry, G. Slater, P. McMenamin, M. McNicholas]
- 'Breaking the norm: anatomical variation and its key role in medical education', *Anatomical Sciences Education* (2021), <https://doi.org/10.1002/ase.2141> [D. Cullinane, D. Barry]
- 'The human dorsal hippocampal commissure: delineating connections across the midline using multi-modal neuroimaging in major depressive disorder', *Neuroimage: Reports*, 1, 4 (2021), <https://doi.org/10.1016/j.ynrp.2021.100062> [A. Nasa, C. Gaughan, M. Mahmoud (...), D. Barry et al.]
- Fleming, Neil**, 'Do critical power and functional threshold power equate in highly trained athletes?', *International Journal of Exercise Science*, 14, 4 (2021), 45-59 [E. McGrath, N. Mahony, N. Fleming, C. Raleigh, B. Donne]
- 'Reliability and validity of the lactate pro 2 analyser', *Measurement in Physical Education and Exercise Science*, 25, 3 (2021), 202-211 [N. May, N. Crotty, M. Boland, N. Mahony, B. Donne, N. Fleming]
- 'Functional deficits in post-operative adolescent idiopathic scoliosis patients', *Physiotherapy Practice and Research*, 41, 2 (2020), 133-141 [T. Rafferty, B. Donne, N. Fleming]
- 'Comparison of balance variables across active and retired athletes and age matched controls', *International Journal of Exercise Science*, 14, 3 (2021), 76-92 [C. Lee, N. Fleming, B. Donne]
- 'Epidural spinal cord stimulation for motor recovery in SCI: a systematic review', *Neurorehabilitation*, 49, 1 (2021), 1-22 [C. McHugh, C. Taylor, D. Mockler, N. Fleming]
- 'Transcutaneous spinal cord stimulation and motor responses in individuals with spinal cord injury: a methodological review', *PLoS ONE* (2021), <http://hdl.handle.net/2262/98150> [C. Taylor, C. McHugh, D. Mockler, C. Minogue, R.B. Reilly, N. Fleming]
- 'Efficacy of resistance training during adjuvant chemotherapy and radiation therapy in cancer care: a systematic review and meta-analysis', *Supportive Care in Cancer* (2022), <http://dx.doi.org/10.1007/s00520-021-06708-6> [A. McGovern, N. Mahony, D. Mockler, N. Fleming]
- 'A comparison of physiological response to incremental testing on stationary and dynamic rowing ergometers', *International Journal of Sports Physiology and Performance* (2022), <http://hdl.handle.net/2262/98153> [M. Boland, N.M. Crotty, N. Mahony, B. Donne, N. Fleming]
- 'Does exercise therapy improve pulmonary function in patients with adolescent idiopathic scoliosis?', *Physiotherapy Theory and Practice* (2022), <http://hdl.handle.net/2262/98151> [A. Rafferty, N. Fleming, P. Kiely, D. Mockler, S. Dockrell]
- Mahony, Nicholas**, 'Reliability and validity of the lactate pro 2 analyser', *Measurement in Physical Education and Exercise Science*, 25, 3 (2021), 202-211 [N.M.N. Crotty, M. Boland, N. Mahony, B. Donne, N. Fleming]

CLINICAL MEDICINE

- Barr, Martin**, 'MicroRNA expression profiling and biomarker validation in treatment-naïve and drug resistant non-small cell lung cancer', *Translational Lung Cancer Research*, 10, 4 (2021), 1773-1791 [L. MacDonagh, M.F. Gallagher, B. Ffrench (...), K.J. O'Byrne, M.P. Barr]
- Bede, Peter**, 'Thalamic, hippocampal and basal ganglia pathology in primary lateral sclerosis and amyotrophic lateral sclerosis: evidence from quantitative imaging data', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.105115> [E. Finegan, S.L. Hi Shing, R.H. Chipika (...), O. Hardiman, P. Bede]
- 'Progressive brainstem pathology in motor neuron diseases: imaging data from amyotrophic lateral sclerosis and primary lateral sclerosis', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.105229> [P. Bede, R.H. Chipika, E. Finegan (...), R.L. McLaughlin, O. Hardiman]

Recent publications – Faculty of Health Sciences

- 'Evolving diagnostic criteria in primary lateral sclerosis: the clinical and radiological basis of 'probable PLS'', *J Neurol Sci.*, 417 (2020), <https://doi.org/10.1016/j.jns.2020.117052> [E. Finegan, S.L.H. Shing, W.F. Siah (...), O. Hardiman, P. Bede]
- 'Imaging and clinical data indicate considerable disease burden in 'probable' PLS: patients with UMN symptoms for 2-4 years', *Data in Brief*, 32 (2020), <https://doi.org/10.1016/j.dib.2020.106247> [E. Finegan, W.F. Siah, S.L.H. Shing (...), O. Hardiman, P. Bede]
- 'MRI data confirm the selective involvement of thalamic and amygdalar nuclei in amyotrophic lateral sclerosis and primary lateral sclerosis', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.106246> [R.H. Chipika, W.F. Siah, S.L.H. Shing (...), O. Hardiman, P. Bede]
- 'Extra-motor cerebral changes and manifestations in primary lateral sclerosis', *Brain Imaging Behav.* (2021), <https://doi.org/10.1007/s11682-020-00421-4> [E. Finegan, S.L.H. Shing, R.H. Chipika (...), O. Hardiman, P. Bede]
- 'Cognitive network hyperactivation and motor cortex decline correlate with ALS prognosis', *Neurobiol Aging*, 104 (2021), 57-70 [R. McMackin, S. Dukic, E. Costello (...), P. Bede *et al.*]
- 'Increased cerebral integrity metrics in poliomyelitis survivors: putative adaptation to longstanding lower motor neuron degeneration', *J Neurol Sci.*, 424 (2021), 117361 [S.L.H. Shing, J. Lope, M.C. McKenna, R.H. Chipika, O. Hardiman, P. Bede]
- 'Neuropsychological assessment should always be considered in myotonic dystrophy type 2', *Cogn Behav Neurol.*, 34, 1 (2021), 1-10 [T. Theodosiou, F. Christidi, S. Xirou (...), P. Bede *et al.*]
- 'Preface: promoting research in PLS: current knowledge and future challenges', *Amyotroph Lateral Scler Frontotemporal Degener.*, 21 (2020), 1-2 [H. Mitsumoto, M.R. Turner, B. Traynor, M.V. Blitterswijk, L.V.D. Berg, D. Walk, D. Warden, J. Wymer]
- 'Neuroimaging in primary lateral sclerosis', *Amyotroph Lateral Scler Frontotemporal Degener.*, 21 (2020), 18-27 [E.P. Piro, M.R. Turner, P. Bede]
- 'Cognitive reserve in amyotrophic lateral sclerosis (ALS): a population-based longitudinal study', *J Neurol Neurosurg Psychiatry.*, 92, 5 (2021), 460-465 [E. Costello, J. Rooney, M. Pinto-Grau (...), P. Bede *et al.*]
- 'Infratentorial pathology in frontotemporal dementia: cerebellar grey and white matter alterations in FTD phenotypes', *J Neurol.* (2021), <https://doi.org/10.1007/s00415-021-10575-w> [M.C. McKenna, R.H. Chipika, S.L.H. Shing (...), S. Hutchinson, P. Bede]
- 'Primary lateral sclerosis: clinical, radiological and molecular features', *Rev Neurol (Paris)* (2021), S0035-3787 [P. Bede, P.F. Pradat, J. Lope, P. Vourc'h, H. Blasco, P. Corcia]
- Bennett, Annemarie**, 'Identifying outcomes reported in exercise interventions in oesophagogastric cancer survivors: a systematic review', *BMC Cancer*, 21, 586 (2021), 1-9 [L. O'Connor, E. Smyth, A.E. Bennett (...), J. Hussey, E.M. Guinan]
- 'Development and proposed evaluation of an eHealth learning tool for undergraduate university students in Ireland', *Health Promotion International* (2021), 1-14 [C.D. Darker, E. Moore, E. Flynn (...), A.E. Bennett *et al.*]
- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S. Annett, M.R. Dunne (...), J. Hussey, J.N. O'Sullivan]
- 'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin (...), A. Nolan, J.M. Barry]
- 'A review of experiential school-based culinary interventions for 5-12-year-old children', *Children*, 8, 12 (2021), 1-12 [A.E. Bennett, D. Mockler, C. Cunningham, C. Glennon-Slattery, C. Johnston, C. Molloy]

Recent publications – Faculty of Health Sciences

- Brady, Gareth**, 'Poxviral targeting of interferon regulatory factor activation', *Viruses*, 12, 10 (2020), <http://hdl.handle.net/2262/96285> [C. Lawler, G. Brady]
- 'Pathogenesis of ANCA-associated vasculitis: an emerging role for immunometabolism', *Rheumatology*, 59, 3 (2020), <https://doi-org.elib.tcd.ie/10.1093/rheumatology/keaa023> [E. Leacy, G. Brady, M.A. Little]
- 'Study protocol for DeCOMPRESS: defining the disease course and immune profile of covid-19 in the immunosuppressed patient', *HRB Open Res*, 4, 6 (2021), <http://hdl.handle.net/2262/96288> [E. Leacy, G. Brady, N. Conlon (...), M. O'Saughnessy, M.A. Little]
- Capra, Michael**, 'Leptomeningeal relapse of embryonal rhabdomyosarcoma after 15 years', *Irish Medical Journal*, 112, 10 (2020), 1026 [S. Chew, J.P. Gleeson, A. McCarthy (...), M. Capra *et al.*]
- 'Survival of childhood and adolescent/young adult (AYA) cancer patients in Ireland during 1994-2013: comparisons by age', *Ir J Med Sci*, 189, 4 (2020), 1223-1236 [S. Alken, C. Owens, C. Gilham (...), M. Capra *et al.*]
- 'Infant high-grade gliomas comprise multiple subgroups characterized by novel targetable gene fusions and favorable outcomes', *Cancer Discovery*, 10, 7 (2020), 942-963 [M. Clarke, A. Mackay, B. Ismer (...), D.T.W. Jones, C. Jones]
- 'Global retinoblastoma presentation and analysis by national income level', *JAMA Oncology*, 6, 5 (2020), 685-695 [I.D. Fabian *et al.*]
- 'Efficacy and safety of larotrectinib in TRK fusion-positive primary central nervous system tumors', *Neuro Oncology* (2021), <http://dx.doi.org/10.1093/neuonc/noab274> [F. Doz, C.M. van Tilburg, B. Georger (...), A. Drilon, S. Perreault]
- Clarke, Susan**, 'Seroprevalence of human herpesvirus 8 in Ireland among blood donors, men who have sex with men, and heterosexual genitourinary medicine and infectious diseases clinic attendees', *Journal of Medical Virology* (2021), <http://dx.doi.org/10.1002/jmv.26813> [S. O'Rourke, N. O'Flaherty, D. Coyne (...), S. Clarke *et al.*]
- Cloonan, Suzanne**, 'Nutritional immunity: the impact of metals on lung immune cells and the airway microbiome during chronic respiratory disease', *Respiratory Research*, 22, 1 (2021), <http://hdl.handle.net/2262/96727> [C. Healy, N. Munoz-Wolf, J. Strydom (...), S.C. Donnelly, S.M. Cloonan]
- 'Inflammation drives alternative first exon usage to regulate immune genes including a novel iron regulated isoform of aim2', *eLife*, 10, e69431 (2021), <http://hdl.handle.net/2262/96718> [E.K. Robinson, P. Jagannatha, S. Covarrubias (...), S.M. Cloonan *et al.*]
- 'Mitochondrial dysfunction in lung ageing and disease', *European Respiratory Review*, 29, 157 (2020), <http://dx.doi.org/10.1183/16000617.0165-2020> [S.M. Cloonan, K. Kim, P. Esteves, T. Trian, P.J. Barnes]
- 'Hepcidin is essential for alveolar macrophage function and is disrupted by smoke in a murine chronic obstructive pulmonary disease model', *Journal of Immunology*, 205, 9 (2020), 2489-2498 [E. Perez, J.R. Baker, S.D. Giandomenico (...), H. Stout-Delgado, S.M. Cloonan]
- 'Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort', *Respiratory Research*, 22, 1 (2021), <http://hdl.handle.net/2262/96721> [W.Z. Zhang, K.L. Hoffman, K.T. Schiffer, A.M.K. Choi, S.M. Cloonan]
- 'Erratum: Histone deacetylase 6-mediated selective autophagy regulates COPD-associated cilia dysfunction', *Journal of Clinical Investigation*, 130, 11 (2020), 6189 [H.C. Lam, S.M. Cloonan, A.R. Bhashyam, S.W. Ryter, A.M.K. Choi]
- Conway, Richard**, 'Bone disease', *Clinical Medicine: Kumar and Clark tenth edition*, eds A. Feather, D. Randall, M. Waterhouse, Elsevier (2020), 707-719 [R. Conway]

Recent publications – Faculty of Health Sciences

'Acute hepatitis E in an immunocompromised patient with seropositive rheumatoid arthritis on rituximab and long-term methotrexate', *Mod Rheumatol Case Rep* (2021), 1-6 [B. Dalton, G. Cunnane, R. Conway]

'Associations of baseline use of biologic or targeted synthetic DMARDs with covid-19 severity in rheumatoid arthritis: results from the covid-19 global rheumatology alliance physician registry', *Annals of the Rheumatic Diseases* (2021), <http://dx.doi.org/10.1136/annrheumdis-2021-220418> [J.A. Sparks, Z.S. Wallace, A.M. Seet (...), P.M. Machado, J. Yazdany]

'Is troponin testing rather underestimated in clinic practice? Evidence from emergency medical admissions: authors response', *European Journal of Internal Medicine* (2021), <http://dx.doi.org/10.1016/j.ejim.2021.05.032> [R. Conway, B. Silke]

'Giant cell arteritis: what is new in the preclinical and early clinical development pipeline?', *Expert Opinion on Investigational Drugs* (2021), 1-12 [P. Harkins, R. Conway]

'Comment to: Non-specific clinical presentations are not prognostic and do not anticipate hospital length of stay or resource utilization: author's reply', *European Journal of Internal Medicine* (2021), <http://dx.doi.org/10.1016/j.ejim.2021.07.003> [R. Conway, B. Silke]

'Immediate effect of the covid-19 pandemic on patient health, health-care use, and behaviours: results from an international survey of people with rheumatic diseases', *Lancet Rheumatol* (2021), [http://dx.doi.org/10.1016/s2665-9913\(21\)00175-2](http://dx.doi.org/10.1016/s2665-9913(21)00175-2) [J.S. Hausmann, K. Kennedy, J.F. Simard (...), J. Yazdany, E. Sirotych]

'Early experience of covid-19 vaccination in adults with systemic rheumatic diseases: results from the covid-19 global rheumatology alliance vaccine survey', *RMD Open*, 7, 3 (2021), <http://dx.doi.org/10.1136/rmdopen-2021-001814> [S.E. Sattui, J.W. Liew, K. Kennedy (...), J.F. Simard, J.A. Sparks]

'Dr. Conway *et al.* reply', *The Journal of Rheumatology* (2021), <http://dx.doi.org/10.3899/jrheum.210913> [R. Conway, E. Brouwer, K.S.M. van der Geest (...), P. Robinson, S. Sattui]

'Association of extended myositis panel results, clinical features, and diagnoses: a single-center retrospective observational study', *Rheumatology International* (2021), <http://dx.doi.org/10.1007/s00296-021-05012-0> [S.A. Al Nokhatha, E. Alfares, L. Corcoran, N. Conlon, R. Conway]

'Association between tumor necrosis factor inhibitors and the risk of hospitalization or death among patients with immune-mediated inflammatory disease and covid-19', *JAMA Netw Open*, 4, 10 (2021), e2129639 [Z. Izadi, E.J. Brenner, S.K. Mahil (...), J. Yazdany, M.D. Kappelman]

'Where do we go after GiACTA?', *Rheumatology (Oxford, England)* (2022), <http://dx.doi.org/10.1093/rheumatology/keac010> [M. Putman, S. Sattui, R. Conway]

'Safety of vaccination against SARS-CoV-2 in people with rheumatic and musculoskeletal diseases: results from the EULAR coronavirus vaccine (COVAX) physician-reported registry', *Annals of the Rheumatic Diseases* (2021), <http://dx.doi.org/10.1136/annrheumdis-2021-221490> [P.M. Machado, S. Lawson-Tovey, A. Strangfeld (...), I.B. McInnes, X. Mariette]

'Outcomes of covid-19 in patients with primary systemic vasculitis or polymyalgia rheumatica from the covid-19 global rheumatology alliance physician registry: a retrospective cohort study', *Lancet Rheumatol*, 3, 12 (2021), e855-e864 [S.E. Sattui, R. Conway, M.S. Putman (...), J. Yazdany, P.C. Robinson]

'Predictors of hospitalization in patients with rheumatic disease and covid-19 in Ireland: data from the covid-19 global rheumatology alliance registry', *Rheumatol Adv Pract*, 5, 2 (2021), rkab031 [R. Conway, E. Nikiphorou, C.A. Demetriou, C. Low, K. Leamy, G.M. McCarthy]

'SARS-CoV-2 infection and covid-19 outcomes in rheumatic disease: a systematic literature review and meta-analysis', *Arthritis and Rheumatology (Hoboken, N.J.)* (2021), <http://dx.doi.org/10.1002/art.42030> [R. Conway, A.A. Grimshaw, M.F. Konig (...), Z.S. Wallace, E. Hsieh]

'Rapid adoption of telemedicine in rheumatology care during the covid-19 pandemic highlights training and supervision concerns among rheumatology trainees', *ACR Open Rheumatol* (2021), <http://dx.doi.org/10.1002/acr2.11355> [S.A. Yeoh, K. Young, M. Putman (...), R. Conway *et al.*]

Recent publications – Faculty of Health Sciences

- 'EULAR 2021 updated viewpoints on SARS-CoV-2 vaccination in patients with RMDs: a guidance to answer patients' questions', *Annals of the Rheumatic Diseases* (2022), <http://dx.doi.org/10.1136/annrheumdis-2021-221965> [J.W. Bijlsma]
- 'Covid-19 vaccine perceptions and uptake: results from the covid-19 global rheumatology alliance vaccine survey', *Lancet Rheumatol* (2022), [http://dx.doi.org/10.1016/s2665-9913\(22\)00001-7](http://dx.doi.org/10.1016/s2665-9913(22)00001-7) [M. Putman, K. Kennedy, E. Sirotych (...), J.A. Sparks, J.F. Simard]
- 'EULAR recommendations for the management and vaccination of people with rheumatic and musculoskeletal diseases in the context of SARS-CoV-2: the November 2021 update', *Annals of the Rheumatic Diseases* (2022), <http://dx.doi.org/10.1136/annrheumdis-2021-222006> [R.B.M. Landewé, F.P.B. Kroon, A. Alunno (...), V. Navarro-Compán, P.M. Machado]
- 'Covid-19 in people with rheumatic diseases: risks, outcomes, treatment considerations', *Nature Reviews. Rheumatology* (2022), <http://dx.doi.org/10.1038/s41584-022-00755-x> [R. Grainger, A.H.J. Kim, R. Conway, J. Yazdany, P.C. Robinson]
- 'Temporal trends in covid-19 outcomes in people with rheumatic diseases in Ireland: data from the covid-19 global rheumatology alliance registry', *Rheumatology (Oxford, England)* (2022), <http://dx.doi.org/10.1093/rheumatology/keac142> [R. Conway, E. Nikiphorou, C.A. Demetriou (...), R. Grainger, G.M. McCarthy]
- Davies, Andrew**, 'An audit of end-of-life symptom control in patients with corona virus disease 2019 (covid-19) dying in a hospital in the United Kingdom', *Palliative Medicine*, 34, 9 (2020), 1249-1255 [B. Alderman, K. Webber, A. Davies]
- 'Opioid-induced constipation in patients with cancer: a 'real-world,' multicentre, observational study of diagnostic criteria and clinical features', *Pain*, 162 (2021), 309-318 [A. Davies, C. Leach, C. Butler (...), K. Shorthose, K.M. Batsari]
- 'Oral symptoms in patients with advanced cancer: an observational study using a novel oral symptom assessment scale', *Supportive Care in Cancer*, 29 (2021), 4349-4356 [A. Davies, A. Buchanan, J. Todd, A. Gregory, K.M. Batsari]
- 'MASCC recommendations on the management of constipation in patients with advanced cancer', *Supportive Care in Cancer*, 28, 1 (2020), 23-33 [A. Davies, C. Leach, R. Caponero (...), J. Paice, A. Emmanuel]
- 'Clinical nurse specialist prescribing in a cancer centre supportive and palliative care team', *BMJ Supportive and Palliative Care*, 10, 1 (2020), 111-113 [S. Hall, J. Thompson, T. Phair, A.N. Davies]
- 'Alcohol and drug use disorders in patients with cancer and caregivers: effects on caregiver burden', *BMJ Supportive and Palliative Care*, 10, 2 (2020), 242-247 [K. Webber, A.N. Davies, C. Leach, A. Bradley]
- 'Supportive care: an indispensable component of modern oncology', *Clinical Oncology (Royal College of Radiologists (Great Britain))* (2020), <http://dx.doi.org/10.1016/j.clon.2020.07.020> [R. Berman, A. Davies, T. Cooksley (...), F. Scotté, C. Higham]
- 'Opioid-induced constipation: a stepwise treatment algorithm feasibility study', *BMJ Supportive and Palliative Care* (2021), <http://dx.doi.org/10.1136/bmjspcare-2020-002754> [A. Davies, C. Leach, C. Butler, S.D. Patel, K. Shorthose, K.M. Batsari]
- 'Symptom prevalence and severity in palliative cancer medicine', *BMJ Supportive and Palliative Care* (2021), <http://dx.doi.org/10.1136/bmjspcare-2020-002357> [K. Webber, A.N. Davies, C. Leach, M. Waghorn]
- 'Oral care', *Oxford textbook of palliative medicine*, eds N.I. Cherny, M.T. Fallon, S. Kaasa, R.K. Portenoy, D.C. Currow, Oxford, Oxford University Press (2021), 656-669 [A.N. Davies]
- 'The grand challenge of physiological reserve in older adults', *Frontiers in Network Physiology*, 1 (2021), <http://dx.doi.org/10.3389/fnetp.2021.712430> [R. Romero Ortuño, N. Martínez Velilla, R. Sutton (...), A. Davies et al.]

Recent publications – Faculty of Health Sciences

- 'Multinational Association of Supportive Care in Cancer (MASCC) expert opinion/guidance on the use of clinically assisted nutrition in patients with advanced cancer', *Supportive Care in Cancer* (2021), <http://dx.doi.org/10.1007/s00520-021-06613-y> [B. Alderman, L. Allan, K. Amano (...), S. Mukhopadhyay, A. Davies]
- 'MASCC antiemetics in advanced cancer updated guideline', *Supportive Care in Cancer*, 29 (2021), 8097-8107 [M. Davis, D. Hui, A. Davies (...), E. Fabbro, E. Bruera]
- 'Medical management of malignant bowel obstruction in patients with advanced cancer: 2021 MASCC guideline update', *Supportive Care in Cancer*, 29 (2021), 8089-8096 [M. Davis, D. Hui, A. Davies (...), E. Del Fabbro, E. Bruera]
- Doherty, Colin**, 'Dynamic blood-brain barrier regulation in mild traumatic brain injury', *Journal of Neurotrauma*, 37, 2 (2020), 347-356 [E. O'Keefe, E. Kelly, Y. Liu (...), C.P. Doherty, M. Campbell]
- 'Screening for lifetime history of traumatic brain injury among American and Irish adults at risk for dementia: development and validation of a web-based survey', *Journal of Alzheimer's Disease* (2020), <http://dx.doi.org/10.3233/JAD-191138> [R.C. Gardner, E. Rivera, M. O'Grady (...), C. Doherty *et al.*]
- 'Prevalence of N-Methyl-d-Aspartate Receptor antibody (NMDAR-Ab) encephalitis in patients with first episode psychosis and treatment resistant schizophrenia on clozapine, a population based study', *Schizophrenia Research*, 222 (2020), 455-461 [E. Kelleher, P. McNamara, J. Dunne (...), C.P. Doherty, A. Corvin]
- 'Attenuated CSF-1R signalling drives cerebrovascular pathology', *EMBO Molecular Medicine*, 13, 2 (2021), <http://hdl.handle.net/2262/95702> [C. Delaney, M. Farrell, C.P. Doherty (S.L. Doyle, M. Campbell)]
- 'Patients' experiences of remote neurology consultations during the covid-19 pandemic', *European Neurology*, 83, 6 (2021), 622-625 [M.C. McKenna, M. Al-Hinai, D. Bradley (...), E. Troy, C.P. Doherty]
- 'Concussion and the severity of head impacts in mixed martial arts', *Proceedings of the Institution of Mechanical Engineers. Part H, Journal of Engineering in Medicine*, 234 (2020), 1472-1483 [S. Tiernan, A. Meagher, D. O'Sullivan (...), C.P. Doherty *et al.*]
- 'Improving access to epilepsy care for homeless patients in the Dublin inner city: a collaborative quality improvement project joining hospital and community care', *British Journal of Medicine Open Quality* (2021), e001367 [E. Doran, E. Barron, L. Healy (...), Ni Cheallaig, C. Doherty]
- 'Genome-wide association study and gene network analyses reveal potential candidate genes for high night temperature tolerance in rice', *Scientific Reports* (2021), <http://dx.doi.org/10.1038/s41598-021-85921-z> [R. Bheemanahalli, M. Knight, C. Quinones, C.J. Doherty, S.V.K. Jagadish]
- 'Quantification of gray mold infection in lettuce using a bispectral imaging system under laboratory conditions', *Plant Direct* (2021), <http://dx.doi.org/10.1002/pld3.317> [C.G. Scarborough, S.M. Ruzsa, C.J. Doherty, M.W. Kudenov]
- 'Longitudinal vestibular and oculomotor impairments among amateur athletes 1 year following sport-related concussion: a prospective follow-up', *The Journal of Head Trauma Rehabilitation* (2021), <http://dx.doi.org/10.1097/htr.0000000000000667> [F. Büttner, D.R. Howell, C. Doherty, C. Blake, J. Ryan, E. Delahunt]
- 'Leveraging free volume manipulation to improve the membrane separation performance of amine-functionalized pim-1', *Angewandte Chemie (International ed. in English)* (2021), <http://dx.doi.org/10.1002/anie.202012441> [K. Mizrahi Rodriguez, S. Lin, A.X. Wu (...), C.M. Doherty, Z.P. Smith]
- 'Social behaviors associated with a positive covid-19 test result', *Cureus* (2021), <http://dx.doi.org/10.7759/cureus.13064> [S.L. Speaker, C.M. Doherty, E. Pfoh (...), V. Shaker, M. Rothberg]

Recent publications – Faculty of Health Sciences

'Response: Predicting mood decline following temporal lobe epilepsy surgery in adults', *Epilepsia* (2021), <http://dx.doi.org/10.1111/epi.16874> [C. Doherty, A.S. Nowacki, M.P. McAndrews (...), L. Jehi, R.M. Busch]

'SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study', *The British Journal of Surgery* (2021), <http://dx.doi.org/10.1093/bjs/znab101>

'IQGAP1 is a scaffold of the core proteins of the hippo pathway and negatively regulates the proapoptotic signal mediated by this pathway', *Cells* (2021), <http://dx.doi.org/10.3390/cells10020478> [N.P. Quinn, L. García-Gutiérrez, C. Doherty (...), D.B. Sacks, D. Matallanas]

'Coupled oscillators coordinate collective germline growth', *Developmental Cell* (2021), <http://dx.doi.org/10.1016/j.devcel.2021.02.015> [C.A. Doherty, R. Diegmiller, M. Kapasiawala, E.R. Gavis, S.Y. Shvartsman]

'Clinical detection and recovery of vestibular and oculomotor impairments among amateur athletes following sport-related concussion: a prospective, matched-cohort study', *The Journal of Head Trauma Rehabilitation* (2021), <http://dx.doi.org/10.1097/htr.0000000000000608> [F. Büttner, D.R. Howell, C. Doherty, C. Blake, J. Ryan, E. Delahunj]

'The long-term consequences of retrieval demands during working memory', *Memory and Cognition* (2021), <http://dx.doi.org/10.3758/s13421-020-01079-5> [V.M. Loaiza, C. Doherty, P. Howlett]

'Evaluation of muscle strength following peripheral nerve surgery: a scoping review', *PM and R: The Journal of Injury, Function, and Rehabilitation* (2021), <http://dx.doi.org/10.1002/pmrj.12586> [M.K. McGillivray, C. Haldane, C. Doherty, M.J. Berger]

'The ability of the neonatal immune response to handle SARS-CoV-2 infection - authors' reply', *The Lancet. Child and Adolescent Health* (2021), [http://dx.doi.org/10.1016/s2352-4642\(21\)00004-3](http://dx.doi.org/10.1016/s2352-4642(21)00004-3) [C. Gale, M.A. Quigley, A. Placzek (...), C. Doherty *et al.*]

'Participation in pre-injury level sport one-year following sport-related concussion: a prospective, matched cohort study', *Journal of Science and Medicine in Sport* (2021), <http://dx.doi.org/10.1016/j.jsams.2020.12.014> [F. Büttner, D.R. Howell, G.L. Iverson (...), C. Doherty *et al.*]

'Predicting mood decline following temporal lobe epilepsy surgery in adults', *Epilepsia* (2021), <http://dx.doi.org/10.1111/epi.16800> [C. Doherty, A.S. Nowacki, M.P. McAndrews (...), L. Jehi, R.M. Busch]

Doyle, Sarah, 'The persistence of privilege for a healthy retina', *Immunity*, 53, 2 (2020), 240-242 [S.L. Doyle]

'Attenuated CSF-1R signalling drives cerebrovascular pathology', *EMBO Molecular Medicine*, 13, 2 (2021), <http://hdl.handle.net/2262/95702> [C. Delaney, M. Farrell, C.P. Doherty (...), S.L. Doyle, M. Campbell]

Duane, Frances, 'Trastuzumab for early-stage, HER2-positive breast cancer: a meta-analysis of 13 864 women in seven randomised trials', *Lancet Oncol*, 22 (2021), 1139-1150

'Exposure of the oesophagus in breast cancer radiotherapy: a systematic review of oesophagus doses published 2010-2020', *Radiotherapy and Oncology*, 164 (2021), 261-267 [F. Duane, A. Kerr, Z. Wang (...), M. Aznar, C. Taylor]

'Adjuvant and neoadjuvant breast cancer treatments: a systematic review of their effects on mortality', *Cancer Treatment Reviews*, in press (2022), 10.1016/j.ctrv.2022.102375 [A. Kerr, D. Dodwell, P. McGale (...), F. Duane *et al.*]

Fallon, Pdraic, 'Highly efficient CRISPR-targeting of the murine Hipp11 intergenic region supports inducible human transgene expression', *Molecular Biology Reports* (2020), <http://dx.doi.org/10.1007/s11033-019-05204-9> [J. Browning, M. Rooney, E. Hams (...), P.G. Fallon, V.P. Kelly]

Recent publications – Faculty of Health Sciences

- 'SIGIRR negatively regulates IL-36-driven psoriasiform inflammation and neutrophil infiltration in the skin', *Journal of Immunology*, 207, 2 (2021), 651-660 [E. Giannoudaki, A.M. Stefanska, H. Lawler (...), P.G. Fallon, P.T. Walsh]
- 'SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation', *Nature Metabolism*, 3, 9 (2021), 1150-1162 [G. Bidault, S. Virtue, K. Petkevicius (...), P.G. Fallon *et al.*]
- 'Group 2 innate lymphoid cells exhibit tissue-specific dynamic behaviour during type 2 immune responses', *Frontiers in Immunology*, 12 (2021), <http://dx.doi.org/10.3389/fimmu.2021.711907> [L.S.C. Lok, J.A. Walker, H.E. Jolin (...), P.G. Fallon *et al.*]
- 'Low threshold for cutaneous allergen sensitization but no spontaneous dermatitis or atopy in FLG-deficient mice', *Journal of Investigative Dermatology*, 141, 11 (2021), 2611-2619.e2 [L. Muhandes, M. Chapsa, M. Pippel (...), P.G. Fallon, A. Roers]
- 'Functions for retinoic acid-related orphan receptor alpha (ROR-) in the activation of macrophages during lipopolysaccharide-induced septic shock', *Frontiers in Immunology*, 12 (2021), <http://dx.doi.org/10.3389/fimmu.2021.647329> [E. Hams, J. Roberts, R. Bermingham, P.G. Fallon]
- 'Filaggrin expression and processing deficiencies impair corneocyte surface texture and stiffness in mice', *Journal of Investigative Dermatology*, 140, 3 (2020), 615-623.e5 [J.P. Thyssen, I. Jakasa, C. Riethmuller (...), P.G. Fallon *et al.*]
- 'The high and lows of type 2 asthma and mouse models', *Journal of Allergy and Clinical Immunology*, 145, 2 (2020), 496-498 [P.G. Fallon, C. Schwartz]
- 'Interleukin-33 signaling controls the development of iron-recycling macrophages', *Immunity*, 52, 5 (2020), 782-793.e5 [Y. Lu, G. Basatemur, I.C. Scott (...), P.G. Fallon *et al.*]
- 'Determining coreceptor expression and function in murine ILC2 through flow cytometry characterization and coculture techniques', *Methods in Molecular Biology*, 2121 (2020), 71-82 [C. Schwartz, P.G. Fallon]
- Fearon, Ursula**, 'ACPA status correlates with differential immune profile in patients with rheumatoid arthritis', *Cells*, 10 (3), 64 (2021), doi:10.33 [A. Floudas, M. Canavan, T. McGarry (...), D.J. Veale, U. Fearon]
- 'Targeting JAK-STAT signalling alters PsA synovial fibroblast pro-inflammatory and metabolic function', *Frontiers in Immunology*, 12 (2021), 672461 [A. O'Brien, M.M. Hanlon, V. Marzaioli (...), U. Fearon, D.J. Veale]
- 'Loss of balance between protective and pro-inflammatory synovial tissue T-cell polyfunctionality predates clinical onset of rheumatoid arthritis', *Annals of the Rheumatic Diseases* (2021), <http://dx.doi.org/10.1136/annrheumdis-2021-220458> [A. Floudas, N. Neto, C. Orr (...), D.J. Veale, U. Fearon]
- 'Semaphorin3B plays a central role in serum-induced arthritis model and is reduced in patients with rheumatoid arthritis', *Arthritis and Rheumatology (Hoboken, N.J.)* (2022), <http://dx.doi.org/10.1002/art.42065> [A. Igea, T. Carvalho, B. Malvar-Fernández (...), U. Fearon *et al.*]
- 'Functionally mature CD1c⁺ dendritic cells preferentially accumulate in the inflammatory arthritis synovium', *Frontiers in Immunology*, 12 (2021), 745226 [M. Canavan, V. Marzaioli, V. Bhargava (...), D.J. Veale, U. Fearon]
- 'Metabolites as drivers and targets in rheumatoid arthritis', *Clinical and Experimental Immunology* (2021), <http://dx.doi.org/10.1093/cei/uxab021> [M.M. Hanlon, M. Canavan, B.E. Barker, U. Fearon]
- Finlay, Conor**, 'IL-33-stimulated murine mast cells polarize alternatively activated macrophages, which suppress T cells that mediate experimental autoimmune encephalomyelitis', *Journal of Immunology*, 205, 7 (2020), 1909-1919 [C.M. Finlay, K.T. Cunningham, B. Doyle, K.H.G. Mills]

Recent publications – Faculty of Health Sciences

- 'Helminth imprinting of hematopoietic stem cells sustains anti-inflammatory trained innate immunity that attenuates autoimmune disease', *Journal of Immunology*, 206, 7 (2021), 1618-1630 [K. Cunningham, F. Conor, K.H. Mills]
- Floudas, Achilleas**, 'Pathogenic, glycolytic PD-1+ B cells accumulate in the hypoxic RA joint', *JCI Insight*, 5, 21 (2020), <http://dx.doi.org/10.1172/jci.insight.139032> [A. Floudas, N. Neto, V. Marzaioli (...), D.J. Veale, U. Fearon]
- 'ACPA status correlates with differential immune profile in patients with rheumatoid arthritis', *Cells*, 10 (3), 64 (2021), doi:10.33 [A. Floudas, M. Canavan, T. McGarry (...), D.J. Veale, U. Fearon]
- 'Increased T cell plasticity with dysregulation of follicular helper T, peripheral helper T, and treg cell responses in children with juvenile idiopathic arthritis and Down syndrome-associated arthritis', *Arthritis and Rheumatology*, 72, 4 (2020), 677-686 [C. Foley, A. Floudas, M. Canavan (...), O.G. Killeen, U. Fearon]
- Galvin, Miriam**, 'Discrete choice experiment for eliciting preference for health services for patients with ALS and their informal caregivers', *BMC Health Services Research*, 2021 Mar 9, 21, 1 (2021), 213 [K. Tobin, S. Maguire, B. Corr, C. Normand, O. Hardiman, M. Galvin]
- 'Informal caregivers in amyotrophic lateral sclerosis: a multi-centre, exploratory study of burden and difficulties', *Brain Sciences*, 11, 8 (2021), <http://dx.doi.org/10.3390/brainsci11081094> [E. Conroy, P. Kennedy, M. Heverin (...), O. Hardiman, M. Galvin]
- 'Prediction of caregiver quality of life in amyotrophic lateral sclerosis using explainable machine learning', *Scientific Reports*, 11, 1 (2021), <http://dx.doi.org/10.1038/s41598-021-91632-2> [A.M. Antoniadi, M. Galvin, M. Heverin, O. Hardiman, C. Mooney]
- 'Prediction of quality of life in people with ALS', *ACM SIGAPP Applied Computing Review*, 21, 2 (2021), 5-17 [A.M. Antoniadi, M. Galvin, M. Heverin, O. Hardiman, C. Mooney]
- 'Providing inclusive, person-centred care for LGBT+ older adults: a discussion on health and social care design and delivery', *Journal of Nursing Management*, 29, 1 (2021), 104-108 [L. Roe, M. Galvin]
- Gately, Kathy**, 'Co-targeting PIM kinase and PI3K/mTOR in NSCLC', *Cancers*, 13, 9 (2021), 2139 [G. Moore, C. Lightner, S. Elbai (...), S.P. Finn, K. Gately]
- Hardiman, Orla**, 'Cognitive reserve in amyotrophic lateral sclerosis (ALS): a population-based longitudinal study', *J Neurol Neurosurg Psychiatry*, 92, 5 (2021), 460-465 [E. Costello, J. Rooney, M. Pinto-Grau (...), O. Hardiman, N. Pender]
- Hawerkamp, Heike**, 'Interleukin-26 activates macrophages and facilitates killing of *Mycobacterium tuberculosis*', *Scientific Reports*, 10, 1 (2020), 17178 [H.C. Hawerkamp, L. van Geelen, J. Korte (...), B. Homey, S. Meller]
- 'Tofacitinib downregulates antiviral immune defence in keratinocytes and reduces T cell activation', *Arthritis Research and Therapy*, 23, 1 (2021), 144 [H.C. Hawerkamp, A. Domdey, L. Radau (...), B. Homey, S. Meller]
- Healy, Claire**, 'Genetic models of latent tuberculosis in mice reveal differential influence of adaptive immunity', *Journal of Experimental Medicine*, 218, 9 (2021), <http://dx.doi.org/10.1084/jem.20210332> [H. Su, K. Lin, D. Tiwari (...), C. Healy *et al.*]
- Hutchinson, Siobhan**, 'Thalamic, hippocampal and basal ganglia pathology in primary lateral sclerosis and amyotrophic lateral sclerosis: evidence from quantitative imaging data', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.105115> [E. Finegan, S.L.H. Shing, R.H. Chipika (...), S. Hutchinson *et al.*]
- 'Progressive brainstem pathology in motor neuron diseases: imaging data from amyotrophic lateral sclerosis and primary lateral sclerosis', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.105229> [P. Bede, R.H. Chipika, E. Finegan (...), S. Hutchinson *et al.*]

Recent publications – Faculty of Health Sciences

'Cognitive outcomes of long-term benzodiazepine and related drug (BDZR) use in people living with mild to moderate Alzheimer's disease: results from NILVAD', *Journal of the American Medical Directors Association*, 21, 2 (2020), 194-200 [A.H. Dyer, C. Murphy, B. Lawlor, S.P. Kennelly]

'Gait speed, cognition and falls in people living with mild-to-moderate Alzheimer disease: data from NILVAD', *BMC Geriatrics*, 20, 1 (2020), 117 [A.H. Dyer, B. Lawlor, S.P. Kennelly]

'Amygdala pathology in amyotrophic lateral sclerosis and primary lateral sclerosis', *J Neurol Sci.* (2020), <https://doi.org/10.1016/j.jns.2020.117039> [R.H. Chipika, F. Christidi, E. Finegan (...), S. Hutchinson *et al.*]

'Evolving diagnostic criteria in primary lateral sclerosis: the clinical and radiological basis of 'probable PLS'', *J Neurol Sci.*, 417 (2020), <https://doi.org/10.1016/j.jns.2020.117052> [E. Finegan, S.L.H. Shing, W.F. Siah (...), S. Hutchinson *et al.*]

'Imaging and clinical data indicate considerable disease burden in 'probable' PLS: patients with UMN symptoms for 2-4 years', *Data in Brief*, 32 (2020), <https://doi.org/10.1016/j.dib.2020.106247> [E. Finegan, W.F. Siah, S.L.H. Shing (...), S. Hutchinson *et al.*]

'MRI data confirm the selective involvement of thalamic and amygdalar nuclei in amyotrophic lateral sclerosis and primary lateral sclerosis', *Data in Brief* (2020), <https://doi.org/10.1016/j.dib.2020.106246> [R.H. Chipika, W.F. Siah, S.L.H. Shing (...), S. Hutchinson *et al.*]

'Sedative load in community-dwelling older adults with mild-moderate Alzheimer's disease: longitudinal relationships with adverse events, delirium and falls', *Drugs and Aging* (2020), <https://doi.org/10.1007/s40266-020-00800-y> [A.H. Dyer, C. Murphy, B. Lawlor, S.P. Kennelly]

'Potentially inappropriate medication use in older adults with mild-moderate Alzheimer's disease: prevalence and associations with adverse events', *Age and Ageing* (2020), <http://hdl.handle.net/2262/96244> [C. Murphy, A.H. Dyer, B. Lawlor, S.P. Kennelly]

'Extra-motor cerebral changes and manifestations in primary lateral sclerosis', *Brain Imaging Behav.* (2021), <https://doi.org/10.1007/s11682-020-00421-4> [E. Finegan, S.L.H. Shing, R.H. Chipika (...), S. Hutchinson *et al.*]

'Patients' experiences of remote neurology consultations during the covid-19 pandemic', *European Neurology*, 83, 6 (2021), 622-625 [M.C. McKenna, M. Al-Hinai, D. Bradley (...), S. Hutchinson *et al.*]

'Possible N methyl D aspartate receptor antibody mediated encephalitis in the setting of HIV cerebrospinal escape', *Journal of Neurology*, 267, 5 (2020), 1348-1352 [P.B. Moloney, S. Hutchinson, J. Heskin (...), C. Takashi, A.M. Cervantes-Arslanian]

'Infratentorial pathology in frontotemporal dementia: cerebellar grey and white matter alterations in FTD phenotypes', *J Neurol.* (2021), <https://doi.org/10.1007/s00415-021-10575-w> [M.C. McKenna, R.H. Chipika, S.L.H. Shing (...), S. Hutchinson, P. Bede]

'CD8 encephalitis with CSF EBV viraemia and HIV drug resistance, a case series', *Brain, Behavior, and Immunity-Health*, 9 (2020), 100164 [C. Kerr, H. Adle-Biassette P.B. Moloney (...), S. Hutchinson *et al.*]

'A surviving case of acanthamoeba granulomatous amebic encephalitis in a hematopoietic stem cell transplant recipient', *American Journal of Case Reports*, 21 (2020), 1-6 [N.A. Keane, L.M. Lane, E. Canniff (...), S. Hutchinson *et al.*]

'"Switchboard" malfunction in motor neuron diseases: selective pathology of thalamic nuclei in amyotrophic lateral sclerosis and primary lateral sclerosis', *NeuroImage: Clinical*, 27 (2020), <https://doi.org/10.1016/j.nicl.2020.102300> [R.H. Chipika, E. Finegan, S.L.H. Shing (...), S. Hutchinson *et al.*]

Irvine, Alan, 'Staphylococcus aureus binds to the N-terminal region of corneodesmosin to adhere to the stratum corneum in atopic dermatitis', *Proceedings of the National Academy of Sciences of the United States of America*, 118, 1 (2021), e2014444118 [A.M. Towell, C. Feuille, P. Vitry (...), A.D. Irvine, J.A. Geoghegan]

Recent publications – Faculty of Health Sciences

- 'Clinical examination for hyperlinear palms to determine filaggrin genotype: a diagnostic test accuracy study', *Clinical and Experimental Allergy*, 51, 11 (2021), 1421-1428 [L.E. Bradshaw, R.H. Haines, K.S. Thomas (...), A.D. Irvine *et al.*]
- 'Dermatologic covid-19 registries', *Dermatologic Clinics*, 39, 4 (2021), 575-585 [E.E. Freeman, G.C. Chamberlin, D.E. McMahon (...), A.D. Irvine *et al.*]
- 'Efficacy of sirolimus in patients requiring tracheostomy for life-threatening lymphatic malformation of the head and neck: a report from the European reference network', *Frontiers in Pediatrics*, 9 (2021), <http://dx.doi.org/10.3389/fped.2021.697960> [A. Holm, M.T. Loo, L.S. Kool (...), A.D. Irvine *et al.*]
- 'The role of the environment and exposome in atopic dermatitis', *Current Treatment Options in Allergy*, 8, 3 (2021), 222-241 [N. Stefanovic, A.D. Irvine, C. Flohr]
- 'Four childhood atopic dermatitis subtypes identified from trajectory and severity of disease and internally validated in a large UK birth cohort', *British Journal of Dermatology*, 185, 3 (2021), 526-536 [A.R. Mulick, K.E. Mansfield, R.J. Silverwood (...), A.D. Irvine *et al.*]
- 'Biallelic variants in RNU12 cause CDAGS syndrome', *Human Mutation*, 42, 8 (2021), 1042-1052 [C. Xing, M. Kanchwala, J.J. Rios (...), A.D. Irvine *et al.*]
- 'Dupilumab provides significant clinical benefit in a phase 3 trial in adolescents with uncontrolled atopic dermatitis irrespective of prior systemic immunosuppressant use', *Acta Dermato Venereologica*, 101, 7 (2021), adv00504 [M. Deleuran, D. Marcoux, M. Bruin-Weller (...), A.D. Irvine *et al.*]
- 'Topical therapy of atopic dermatitis with a focus on pimecrolimus', *Journal of the European Academy of Dermatology and Venereology*, 35, 7 (2021), 1505-1518 [T. Luger, A.S. Paller, A.D., Irvine (...), T. Werfel, T. Bieber]
- 'Priority research questions in atopic dermatitis: an international eczema council eDelphi consensus', *British Journal of Dermatology*, 185, 1 (2021), 203-205 [K. Abuabara, S.G. Nicholls, S.M. Langan (...), A.S. Paller, S.J. Brown]
- 'Once-daily upadacitinib versus placebo in adolescents and adults with moderate-to-severe atopic dermatitis (measure up 1 and measure up 2): results from two replicate double-blind, randomised controlled phase 3 trials', *The Lancet*, 397, 10290 (2021), 2151-2168 [E. Guttman-Yassky, H.D. Teixeira, E.L. Simpson (...), D. Alvina, A.D. Irvine]
- 'The Alopecia Areata Consensus of Experts (ACE) study part II: results of an international expert opinion on diagnosis and laboratory evaluation for alopecia areata', *Journal of the American Academy of Dermatology*, 84, 6 (2021), 1594-1601 [N. Meah, D. Wall, K. York, L. Yip, A. Zlotogorski, R.D. Sinclair]
- 'Learning from disease registries during a pandemic: moving toward an international federation of patient registries', *Clinics in Dermatology*, 39, 3 (2021), 467-478 [D. Wall, R. Alhusayen, B. Arents, D.J. Tobin, K. York, A.D. Irvine]
- 'Autosomal recessive hypotrichosis with loose anagen hairs associated with TKFC mutations', *British Journal of Dermatology*, 184, 5 (2021), 935-943 [A. Onoufriadis, A. Cabezas, J.C.F. Ng (...), A.D. Irvine *et al.*]
- 'Behavioral consequences at 5 y of neonatal iron deficiency in a low-risk maternal-infant cohort', *The American Journal of Clinical Nutrition*, 113, 4 (2021), 1032-1041 [E.K. McCarthy, D.M. Murray, J.O'B. Hourihane, L.C. Kenny, A.D. Irvine, M.E. Kiely]
- 'A global eDelphi exercise to identify core domains and domain items for the development of a Global Registry of Alopecia Areata disease Severity and treatment Safety (GRASS)', *JAMA Dermatology*, 157, 4 (2021), 439 [D. Wall, N. Meah, K. York (...), C. Zhou, R. Sinclair]
- 'Expert perspectives on key parameters that impact interpretation of randomized clinical trials in moderate-to-severe atopic dermatitis', *American Journal of Clinical Dermatology* (2021), <http://dx.doi.org/10.1007/s40257-021-00639-y> [J.I. Silverberg, E.L. Simpson, A.W. Armstrong, M.S. de Bruin-Weller, A.D. Irvine, K. Reich]

Recent publications – Faculty of Health Sciences

- 'Announcing the first AoP webinar: 'Can evidence-based medicine survive in a pandemic?', *QJM: An International Journal of Medicine*, 114, 1 (2021), 11-12 [C. Delles, C.M. Dayan, A.F. Dominiczak, S.C. Donnelly, A.D. Irvine]
- 'Meta-analysis of mutations in ALOX12B or ALOXE3 identified in a large cohort of 224 patients', *Genes*, 12, 1 (2021), 80 [A. Hotz, J. Kopp, E. Bourrat, S. Alter, A. Vahlquist, J. Fischer]
- 'Shedding light on therapeutics in alopecia and their relevance to covid-19', *Clinics in Dermatology*, 39, 1 (2021), 76-83 [N. Fagan, N. Meah, K. York (...), A.D. Irvine *et al.*]
- Keane, Joseph**, 'The Warburg effect occurs rapidly in stimulated human adult but not umbilical cord blood derived macrophages', *Frontiers in Immunology*, 12 (2021), 657261 [C. Ó Maoldomhnaigh, D.J. Cox, J.J. Phelan, F.D. Malone, J. Keane, S.A. Basdeo]
- 'Nutritional markers and proteome in patients undergoing treatment for pulmonary tuberculosis differ by geographic region', *PLoS ONE*, 16, 5 (2021), e0250586 [L.G. Jarsberg, K. Kedia, J. Wendler (...), J. Keane *et al.*]
- 'The iron chelator desferrioxamine increases the efficacy of bedaquiline in primary human macrophages infected with BCG', *International Journal of Molecular Sciences*, 22, 6 (2021), <http://dx.doi.org/10.3390/ijms22062938> [C. Cahill, F. O'Connell, K.M. Gogan (...), J. Keane, J.J. Phelan]
- 'An automated culture system for use in preclinical testing of host-directed therapies for tuberculosis', *Journal of Visualized Experiments:JoVE*, 174 (2021), <http://dx.doi.org/10.3791/62838> [S. O'Leary, A.Z. Bahlool, G. O'Connor, S.A. Cryan, J.M. Keane, M.P. O'Sullivan]
- 'Tuberculosis lymph node granulomas: using transcriptomics to discover immunopathology paradigms and guide host-directed therapy', *The Journal of Clinical Investigation*, 131, 15 (2021), <http://dx.doi.org/10.1172/jci151810> [J.J. Phelan, S. O'Leary, J. Keane]
- Kelleher, Fergal**, 'Identification and clinical impact of potentially actionable somatic oncogenic mutations in solid tumor samples', *Journal of Translational Medicine*, 18, 1 (2020), [1-99] [S. Toomey, A. Carr, M.J. Mezynski (...), F. Kelleher *et al.*]
- 'Neo-adjuvant vismodegib followed by radiation in locally advanced basal cell carcinoma', *Current Problems in Cancer*, 45, 6 (2021), <http://dx.doi.org/10.1016/j.currprobcanc.2021.100736> [D.M. Sabu, J. Kroes, C. Gilham, A. Fleming, F.C. Kelleher]
- 'A multicenter retrospective review of systemic anti-cancer treatment and palliative care provided to solid tumor oncology patients in the 12 weeks preceding death in Ireland', *American Journal of Hospice and Palliative Medicine*, 38, 12 (2021), 1404-1408 [V. Mallett, A. Linehan, O. Burke (...), F. Kelleher *et al.*]
- Kent, Brian**, 'Adherence to inhaled corticosteroids and clinical outcomes following a year of benralizumab therapy for severe eosinophilic asthma', *Allergy* (2021), <http://dx.doi.org/10.1111/all.14737> [G. d'Ancona, J.E. Kavanagh, J. Dhariwal (...), D.J. Jackson, B.D. Kent]
- 'The relationship between FeNO and effectiveness of mepolizumab and benralizumab in severe eosinophilic asthma', *The Journal of Allergy and Clinical Immunology. In practice*, 9, 5 (2021), 2093-2096.e1 [A.P. Hearn, J. Kavanagh, G. d'Ancona (...), B.D. Kent *et al.*]
- 'Real world effectiveness of anti-IL-5/5R therapies is independent of co-eligibility for anti-IgE therapy', *The European Respiratory Journal* (2021), <http://dx.doi.org/10.1183/13993003.00166-2021> [A.P. Hearn, O.D. Hug, Z.A. Somani (...), B.D. Kent *et al.*]
- 'Real-world effectiveness of anti-IL-5/5R therapy in severe atopic eosinophilic asthma with fungal sensitization', *The Journal of Allergy and Clinical Immunology. In Practice* (2021), <http://dx.doi.org/10.1016/j.jaip.2021.02.048> [J. Dhariwal, A.P. Hearn, J.E. Kavanagh (...), B.D. Kent *et al.*]
- 'Practical applications of FeNO measurement and inhaler monitoring technologies in the management of difficult asthma', *The Journal of Allergy and Clinical Immunology. In Practice*, 9, 4 (2021), 1539-1540 [G. d'Ancona, B.D. Kent]

Recent publications – Faculty of Health Sciences

- 'Real-world effectiveness of benralizumab in severe eosinophilic asthma', *Chest*, 159, 2 (2021), 496-506 [J.E. Kavanagh, A.P. Hearn, J. Dhariwal (...), B.D. Kent, D.J. Jackson]
- 'Prevalence and recovery of adrenal insufficiency in steroid-dependent asthma patients receiving biologic therapy', *The European Respiratory Journal*, 56, 1 (2020), <http://dx.doi.org/10.1183/13993003.02273-2019> [A.M. Nanzer, A. Chowdhury, A. Raheem (...), B.D. Kent *et al.*]
- 'Real-world effectiveness and the characteristics of a 'super-responder' to mepolizumab in severe eosinophilic asthma', *Chest*, 158, 2 (2020), 491-500 [J.E. Kavanagh, G. d'Ancona, M. Elstad (...), B.D. Kent, D.J. Jackson]
- 'Co-activation of rhythms during alpha band oscillations as an interictal biomarker of exploding head syndrome', *Cephalgia: an International Journal of Headache*, 40, 9 (2020), 949-958 [D. Fotis Sakellariou, A.D. Nesbitt, S. Higgins (...), B. Kent *et al.*]
- 'Sleep apnoea management in Europe during the covid-19 pandemic: data from the European Sleep Apnoea Database (ESADA)', *The European Respiratory Journal*, 55, 6 (2020), <http://dx.doi.org/10.1183/13993003.01323-2020> [L. Grote, W.T. McNicholas, J. Hedner, ESADA collaborators]
- 'Benralizumab after sub-optimal response to mepolizumab in severe eosinophilic asthma', *Allergy* (2020), <http://dx.doi.org/10.1111/all.14693> [J.E. Kavanagh, A.P. Hearn, G. d'Ancona (...), B.D. Kent *et al.*]
- 'Steroid-sparing effects of benralizumab in patients with eosinophilic granulomatosis with polyangiitis', *ERJ Open Research*, 6, 4 (2020), <http://dx.doi.org/10.1183/23120541.00451-2020> [A.M. Nanzer, J. Dhariwal, J. Kavanagh (...), B.D. Kent, D.J. Jackson]
- 'Biologic treatment options for severe asthma', *Current Opinion in Immunology*, 66 (2020), 151-160 [A.P. Hearn, B.D. Kent, D.J. Jackson]
- 'Continuous positive airway pressure versus standard care for the treatment of people with mild obstructive sleep apnoea (MERGE): a multicentre, randomised controlled trial', *The Lancet. Respiratory Medicine*, 8, 4 (2020), 349-358 [A.J. Wimmers, J.L. Kelly, C.D. Turnbull (...), M.J. Morrell, MERGE trial investigators]
- 'Oral corticosteroid-sparing effects of reslizumab in the treatment of eosinophilic granulomatosis with polyangiitis', *ERJ Open Research*, 6, 1 (2020), <http://dx.doi.org/10.1183/23120541.00311-2019> [B.D. Kent, G. d'Ancona, M. Fernandes (...), S. Agarwal, D.J. Jackson]
- 'Adherence to wakefulness promoting medication in patients with narcolepsy', *Sleep Medicine*, 70 (2020), 50-54 [L. Pérez-Carbonell, E. Lyons, V. Gnoni (...), G. d'Ancona, B.D. Kent]
- 'Adherence to corticosteroids and clinical outcomes in mepolizumab therapy for severe asthma', *The European Respiratory Journal*, 55, 5 (2020), <http://dx.doi.org/10.1183/13993003.02259-2019> [G. d'Ancona, J. Kavanagh, C. Roxas (...), D.J. Jackson, B.D. Kent]
- 'Inflammatory and microbiological associations with near-fatal asthma requiring extracorporeal membrane oxygenation', *ERJ Open Research*, 6, 1 (2020), <http://dx.doi.org/10.1183/23120541.00267-2019> [S. Patel, N.M. Shah, A.M. Malhotra (...), B.D. Kent, D.J. Jackson]
- 'Ambulatory detection of sleep apnea using a non-contact biomotion sensor', *Journal of Sleep Research*, 29, 1 (2020), e12889 [S.J. Crinion, R. Tiron, G. Lyon (...), B.D. Kent *et al.*]
- Langan, Yvonne, 'Patients' experiences of remote neurology consultations during the covid-19 pandemic', *European Neurology*, 83, 6 (2021), 622-625 [M.C. McKenna, M. Al-Hinai, D. Bradley (...), Y. Langan *et al.*]
- 'Very-late-onset Friedreich's ataxia: diagnosis in a kindred with late-onset cerebellar ataxia', *Practical Neurology*, 1, 20 (2020), 55-58 [C. Fearon, R. Lonergan, D. Ferguson, S. Byrne, D. Bradley, Y. Langan, J. Redmond]
- 'The role of ambulatory EEG in the investigation of paroxysmal events', *Irish Medical Journal*, 114, 3 (2021), 304-304 [F. Al Bayati, C. McGrane, A. Sweeney, Y. Langan]

Recent publications – Faculty of Health Sciences

- 'Possible N methyl D aspartate receptor antibody mediated encephalitis in the setting of HIV cerebrospinal escape', *Journal of Neurology*, 267, 5 (2020), 1348-1352 [P.B. Moloney, S. Hutchinson, J. Heskin (...), Y. Langan *et al.*]
- 'Invitation to participate in a prospective case control study of sudden unexpected death in epilepsy', *Epilepsia*, 62, 5 (2021), 1280-1281 [P. Bergin, Y. Langan, E. Beghi (...), R. Thomas, R. Scragg]
- Little, Mark**, 'Study protocol for DeCOMPRESS: defining the disease course and immune profile of covid-19 in the immunosuppressed patient', *HRB Open Res*, 4, 6 (2021), <http://hdl.handle.net/2262/96288> [E. Leacy, G. Brady, N. Conlon (...), M. O'Saughnessy, M.A. Little]
- 'Investigation of type I interferon responses in ANCA-associated vasculitis', *Scientific Reports*, 11, 1 (2021), 8272 [I. Batten, M.W. Robinson, A. White (...), M.A. Little, N.M. Bourke]
- 'Acute renal allograft failure in a patient with vasculitis', *Rheumatology* (2021), <http://dx.doi.org/10.1093/rheumatology/keab045> [C. Cowhig, J. Scott, A.M. Dorman, M.A. Little, D.G. de Freitas]
- 'Neutrophils: need for standardized nomenclature', *Frontiers in Immunology* (2021), <http://dx.doi.org/10.3389/fimmu.2021.602963> [E. McKenna, A.U. Mhaonaigh, R. Wubben (...), M.A. Little, E.J. Molloy]
- 'Avacopan for the treatment of ANCA-associated vasculitis', *New England Journal of Medicine*, 384, 7 (2021), 599-609 [D.R.W. Jayne, P.A. Merkel, T.J. Schall, P. Bekker]
- 'Risk factors for severe outcomes in patients with systemic vasculitis and covid-19: a bi-national registry-based cohort study', *Arthritis and Rheumatology (Hoboken, N.J.)* (2021), <http://dx.doi.org/10.1002/art.41728> [M.A. Rutherford, J. Scott, M. Karabayas (...), R. Luqmani]
- 'Association of venous thromboembolic events with skin, pulmonary and kidney involvement in ANCA-associated vasculitis: a multinational study', *Rheumatology (Oxford, England)* (2021), <http://dx.doi.org/10.1093/rheumatology/keab071> [S. Moiseev, A. Kronbichler, E. Makarov (...), M.A. Little, D.R.W. Jayne]
- 'International consensus on ANCA testing in eosinophilic granulomatosis with polyangiitis', *American Journal of Respiratory and Critical Care Medicine* (2020), <http://dx.doi.org/10.1164/rccm.202005-1628so> [S. Moiseev, X. Bossuyt, Y. Arimura (...), J.C. Jennette, M.A. Little]
- Long, Aideen**, 'Impact of deoxycholic acid on oesophageal adenocarcinoma invasion: effect on matrix metalloproteinases', *International Journal of Molecular Sciences*, 21, 21 (2020), <http://dx.doi.org/10.3390/ijms21218042> [F. Quilty, A.M. Byrne, J. Aird (...), A. Long *et al.*]
- 'High content imaging of Barrett's-associated high-grade dysplasia cells after siRNA library screening reveals acid-responsive regulators of cellular transitions', *Cellular and Molecular Gastroenterology and Hepatology*, 10, 3 (2020), 601-622 [S.M. Phipps, C.E. Garry, S. Kamal (...), A. Long *et al.*]
- 'Ribosomes as a nexus between translation and cancer progression: focus on ribosomal receptor for activated C kinase 1 (RACK1) in breast cancer', *British Journal of Pharmacology* (2020), <http://dx.doi.org/10.1111/bph.15218> [E. Buoso, M. Masi, A. Long (...), S. Govoni, M. Racchi]
- 'Opportunities to target T cell trafficking in pediatric inflammatory bowel disease', *Frontiers in Pediatrics*, 9 (2021), 640497 [E. Giannoudaki, S. Gargan, S. Hussey, A. Long, P.T. Walsh]
- 'Dynamic assay for profiling anti-SARS-CoV-2 antibodies and their ACE2/spike RBD neutralization capacity', *Viruses*, 13, 7 (2021), 1371 [T. Phelan, J. Dunne, N. Conlon (...), M.A. Little *et al.*]
- 'Deoxycholic acid induces proinflammatory cytokine production by model oesophageal cells via lipid rafts', *The Journal of Steroid Biochemistry and Molecular Biology*, 214 (2021), 105987 [F. Quilty, M. Freeley, S. Gargan, J. Gilmer, A. Long]

Recent publications – Faculty of Health Sciences

- Mac Aogáin, Micheál**, 'Integrative microbiomics in bronchiectasis exacerbations', *Nature Medicine* (2021), <http://dx.doi.org/10.1038/s41591-021-01289-7> [M. Mac Aogáin, J. Kumar Narayana, P. Yee Tiew (...), J.D. Chalmers, S.H. Chotirmall]
- 'Similarity network fusion for the integration of multi-omics and microbiomes in respiratory disease', *European Respiratory Journal*, 58, 2 (2021), 2101016 [J. Kumar Narayana, M. Mac Aogáin, N.A.B.M. Ali, K. Tsaneva-Atanasova, S.H. Chotirmall]
- Maree, Andrew**, 'Share real-world experience with antiplatelet agents after percutaneous coronary intervention in patients with an indication for an oral anticoagulant', *Journal of Cardiovascular Pharmacology*, 77, 4 (2021), 501-507 [R. Tanner, M. Cronin, L. Macken (...), A.O. Maree *et al.*]
- McCabe, Dominick**, 'Relationship between 'on-treatment platelet reactivity', shear stress and cerebral micro-embolic signals in asymptomatic and symptomatic carotid stenosis', *Journal of Neurology*, 267, 1 (2020), 168-184 [S.J.X. Murphy, S.T. Lim, J.A. Kinsella (...), J.F. Meaney, D.J.H. McCabe]
- 'Simultaneous assessment of plaque morphology, cerebral micro-embolic signal status and platelet biomarkers in patients with recently symptomatic and asymptomatic carotid stenosis.', *Journal of Cerebral Blood Flow and Metabolism*, 40, 11 (2020), 2201-2214 [S.J.X. Murphy, S.T. Lim, J.A. Kinsella (...), G. Hamilton, D.J.H. McCabe]
- 'Assessment of the adequacy of counselling regarding reproductive-related issues in women of childbearing age on anti-epileptic drugs', *QJM An International Journal of Medicine*, 114, 4 (2020), 233-237 [O.C. Murphy, S. Wrigley, R.A. Walsh, D.B. Freir, A.J. McCarthy, S. O'Dowd, D.J.H. McCabe]
- 'New data and the covid-19 pandemic mandate a rethink of antiplatelet strategies in patients with TIA or minor stroke associated with atherosclerotic carotid stenosis', *European Journal of Vascular and Endovascular Surgery*, 59 (2020), 861-865 [A.R. Naylor, D.J.H. McCabe]
- 'Platelet function/reactivity testing and prediction of risk of recurrent vascular events and outcomes after TIA or ischaemic stroke: systematic review and meta-analysis', *Journal of Neurology*, 267 (2020), 3021-3037 [S.T. Lim, V. Thijs, S.J.X. Murphy (...), J. Dawson, D.J.H. McCabe]
- 'Moyamoya disease and Moyamoya syndrome in Ireland: patient demographics, mode of presentation, and outcomes of EC-IC bypass surgery', *Irish Journal of Medical Science*, 190 (2020), 335-344 [R.J. Doherty, J. Caird, D. Crimmins (...), D.J.H. McCabe *et al.*]
- 'Profile of von Willebrand factor antigen, von Willebrand factor propeptide and ADAMTS13 and their relationship with cerebral micro-embolic signal status in patients with carotid stenosis.', *Thrombosis and Haemostasis*, 121, 1 (2021), 86-97 [S.J.X. Murphy, S.T. Lim, F. Hickey (...), G. Hamilton, D.J.H. McCabe]
- 'Performance metrics of the AGGRESTAR PL-12® platelet function analyser in patients with TIA or ischaemic stroke on commonly-prescribed antiplatelet regimens', *Thrombosis and Haemostasis: Research*, 5, 2 (2021), 1-8 [C. Offiah, S. Delaney, D.R. Smith (...), D. Cox, D.J.H. McCabe]
- McKiernan, Susan**, 'Irish data on the safety and efficacy of vedolizumab in the treatment of inflammatory bowel disease', *Scandinavian Journal of Gastroenterology*, 55, 7 (2020), 786-794 [C. Judge, N. McGettigan, T. Ryan (...), S. McKiernan *et al.*]
- 'Comparison of medium to long-term outcomes of acute severe ulcerative colitis patients receiving accelerated and standard infliximab induction', *Frontline Gastroenterology*, 11, 6 (2020), 441-447 [D.J. Gibson, J. Doherty, M. McNally (...), S. McKiernan *et al.*]
- 'Opt-out screening for HIV, hepatitis B and hepatitis C: observational study of screening acceptance, yield and treatment outcomes', *Emergency Medicine Journal*, 37, 2 (2020), 102-105 [C. Grant, S. O'Connell, D. Lillis (...), S. McKiernan *et al.*]

Recent publications – Faculty of Health Sciences

- 'Improvements in cardiac function detected using echocardiography in patients with hereditary haemochromatosis', *Irish Journal of Medical Science*, 189, 1 (2020), 109-117 [D. Byrne, J.P. Walsh, C. Daly, S. McKiernan, S. Norris, R.T. Murphy, G. King]
- 'Characteristics and outcomes of acute colitis diagnosed on cross-sectional imaging presenting via the emergency department in an Irish academic medical centre', *Irish Journal of Medical Science* (2020), 1-7 [J. O'Connell, S. Keohane, A. McGreal-Bellone (...), S. McKiernan *et al.*]
- McManus, Lara**, 'Cognitive network hyperactivation and motor cortex decline correlate with ALS prognosis', *Neurobiology of Aging*, 104 (2021), 57-70 [R. McMackin, S. Dukic, E. Costello (...), L. McManus *et al.*]
- 'Analysis and biophysics of surface EMG for physiotherapists and kinesiologists: toward a common language with rehabilitation engineers', *Frontiers in Neurology*, 11 (2020), <http://dx.doi.org/10.3389/fneur.2020.576729> [L. McManus, G. De Vito, M.M. Lowery]
- 'Consensus for experimental design in electromyography (CEDE) project: terminology matrix', *Journal of Electromyography and Kinesiology*, 59 (2021), <http://dx.doi.org/10.1016/j.jelekin.2021.102565> [L. McManus, M. Lowery, R. Merletti (...), K. Tucker, P.W. Hodges]
- 'Feature-based evaluation of a wearable surface EMG sensor against laboratory standard EMG during force-varying and fatiguing contractions', *IEEE Sensors Journal*, 20, 5 (2020), 2757-2765 [E.P. Doheny, C. Goulding, M.W. Flood, L. McManus, M.M. Lowery]
- McNamara, Deirdre**, 'The utility of faecal and urine biomarkers for small bowel diseases', *Current Opinion in Gastroenterology*, 37, 3 (2021), 284-294 [M.S. Ismail, S. Semenov, D. McNamara]
- 'Endoscopic detection of *Helicobacter pylori* by the rapid urease test', *Helicobacter pylori. Methods in Molecular Biology*, 2283, ed S. Smith, New York, USA, Humana, New York, NY (2021), 37-43 [V. Parihar, D. McNamara]
- '*Helicobacter pylori* resistance to antibiotics in Europe in 2018 and its relationship to antibiotic consumption in the community', *Gut*, Apr 9, gutjnl-2021-324032 (2021), <http://dx.doi.org/10.1136/gutjnl-2021-324032> [F. Megraud, R. Bruyndonckx, S. Coenen (...), Y. Glupczynski]
- 'Comparing colon capsule endoscopy to colonoscopy; a symptomatic patient's perspective', *BMC Gastroenterology*, 22, 31 (2022), <http://dx.doi.org/10.1186/s12876-021-02081-0> [M.S. Ismail, G. Murphy, S. Semenov, D. McNamara]
- 'Validation and update of the Lémann index to measure cumulative structural bowel damage in Crohn's disease', *Gastroenterology*, 161, 3 (2021), 853-864 [B. Pariente, J. Torres, J. Burisch (...), D. McNamara *et al.*]
- 'Feasibility and diagnostic yield of small-bowel capsule endoscopy in patients with surgically altered gastric anatomy: the SAGA study', *Gastrointestinal Endoscopy* (2021), <http://dx.doi.org/10.1016/j.gie.2021.03.934> [X. Dray, M.E. Riccioni, G. Wurm Johansson (...), A. Koulaouzidis]
- 'Colon capsule endoscopy is a viable alternative to colonoscopy for the investigation of intermediate- and low-risk patients with gastrointestinal symptoms: results of a pilot study', *Endoscopy International Open*, 9, 6 (2021), E965-E970 [M.S. Ismail, S. Semenov, S. Sihag (...), B. Ryan, D. McNamara]
- 'Impairment of colorectal cancer screening during the covid-19 pandemic', *Lancet Gastroenterology Hepatology*, 6, 6 (2021), 426 [S. Semenov, M.S. Ismail, D. McNamara]
- 'Antibiotic resistance prevalence and trends in patients infected with *Helicobacter pylori* in the period 2013-2020: results of the European registry on *H. pylori* management (Hp-EuReg)', *Antibiotics*, 10, 9 (2021), 1058 [L. Bujanda, O.P. Nyssen, D. Vaira (...), J.P. Gisbert]
- 'Effectiveness and predictors of response to somatostatin analogues in patients with severe gastrointestinal bleeding due to angiodysplasias', *Lancet Gastroenterology and Hepatology*, 8 (2021), S2468-1253 [L.C.M.J. Goltstein, K.V. Grooteman, A. Rocco (...), D. McNamara *et al.*]
- 'Addition of castor oil as a booster in colon capsule regimens significantly improves completion rates and polyp detection', *World Journal of Gastrointestinal Pharmacology and Therapeutics*, 12, 6 (2021), 103-111 [S. Semenov, M.S. Ismail, F. O'Hara (...), S. O'Donnell, D. McNamara]

Recent publications – Faculty of Health Sciences

- 'Small-bowel capsule endoscopy - optimizing capsule endoscopy in clinical practice', *Diagnostics (Basel)*, 11, 11 (2021), 2139 [F. O'Hara, D. McNamara]
- 'Combined antrum and corpus biopsy protocol improves *Helicobacter pylori* culture success', *World Journal Gastrointestinal Pathophysiology*, 13, 1 (2022), 34-40 [D.E. Brennan, C. O'Morain, D. McNamara, S.M. Smith]
- Mitchell, Patrick**, 'Clinical effects of mepolizumab in patients with severe eosinophilic asthma according to background therapy: a meta-analysis', *Journal of Allergy and Clinical Immunology: In Practice*, 9, 9 (2021), 3506-3509.e3 [N. Lugogo, M.C. Liu, I. Pavord (...), P.D. Mitchell *et al.*]
- '2021 Canadian thoracic society guideline - a focused update on the management of very mild and mild asthma', *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine* (2021), <http://dx.doi.org/10.1080/24745332.2021.1877043> [C.L. Yang, E.A. Hicks, P. Mitchell (...), M. Waite, C.D. Ramsey]
- 'Effective asthma management: is it time to let the AIR out of SABA?', *Journal of Clinical Medicine*, 9, 4 (2020), <http://dx.doi.org/10.3390/jcm9040921> [A. Kaplan, P.D. Mitchell, A.J. Cave, R. Gagnon, V. Foran, A.K. Ellis]
- 'Defining a severe asthma super-responder: findings from a Delphi process', *Journal of Allergy and Clinical Immunology: In Practice* (2021), <http://dx.doi.org/10.1016/j.jaip.2021.06.041> [J.W. Upham, C. Le Lievre, D.J. Jackson (...), Y.C. Chien, Z. Harrington]
- 'Canadian Thoracic Society 2021 guideline update: diagnosis and management of asthma in preschoolers, children and adults', *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine* (2021), <http://dx.doi.org/10.1080/24745332.2021.1945887> [C.L. Yang, E.A. Hicks, P. Mitchell (...), M. Waite, C.D. Ramsey]
- Moloney, Edward**, 'Covid-19 and hydroxychloroquine side effects, glucose 6-phosphate dehydrogenase deficiency (G6PD) and acute haemolytic anaemia', *QJM*, 113, 12 (2020), 890-891 [S. Chaney, A. Basirat, R. McDermott, N. Keenan, E. Moloney]
- Murphy, Ross**, 'CT coronary angiography and covid-19: inpatient use in acute chest pain service', *Open Heart*, 8, 1 (2021), e001548 [M. Cronin, P. Wheen, R. Armstrong (...), R.T. Murphy, C. Daly]
- Nasseroleslami, Bahman**, 'Cognitive network hyperactivation and motor cortex decline correlate with ALS prognosis', *Neurobiology of Aging*, 104 (2021), 57-70 [R. McMackin, S. Dukic, E. Costello (...), O. Hardiman, B. Nasseroleslami]
- 'Sustained attention to response task-related beta oscillations relate to performance and provide a functional biomarker in ALS', *Journal of Neural Engineering*, 18, 2 (2021), 026006 [R. McMackin, S. Dukic, E. Costello (...), O. Hardiman, B. Nasseroleslami]
- 'Erratum: Localization of brain networks engaged by the sustained attention to response task provides quantitative markers of executive impairment in amyotrophic lateral sclerosis (*Cerebral Cortex* DOI: 10.1093/cercor/bhaa076)', *Cerebral Cortex*, 30, 8 (2020), 4727 [R. McMackin, S. Dukic, E. Costello (...), O. Hardiman, B. Nasseroleslami]
- 'Resting-state EEG reveals four subphenotypes of amyotrophic lateral sclerosis', *Brain: a Journal of Neurology*, (2021), <http://dx.doi.org/10.1093/brain/awab322> [S. Dukic, R. McMackin, E. Costello (...), O. Hardiman, B. Nasseroleslami]
- Ni Cheallaigh, Cliona**, 'Feasibility of a broad test battery to assess physical functioning limitations of people experiencing homelessness', *International Journal of Environmental Research and Public Health*, 18, 3 (2021), 1035 [J. Broderick, S. Kiernan, N. Murphy, J. Dowds, C. Ni Cheallaigh]
- 'Markedly poor physical functioning status of people experiencing homelessness admitted to an acute hospital setting', *Scientific Reports*, 11, 9911 (2021), <http://dx.doi.org/10.1038/s41598-021-88590-0> [S. Kiernan, C. Ni Cheallaigh, N. Murphy, J. Dowds, J. Broderick]

Recent publications – Faculty of Health Sciences

- 'Improving access to epilepsy care for homeless patients in the Dublin inner city: a collaborative quality improvement project joining hospital and community care', *British Journal of Medicine Open Quality* (2021), e001367 [E. Doran, E. Barron, L. Healy (...), C. Ni Cheallaigh, C. Doherty]
- 'Contexts and mechanisms that promote access to healthcare for populations experiencing homelessness: a realist review', *BMJ-Open*, 11, 4 (2021), e043091 [R. Siersbaek, J.A. Ford, S. Burke, C. Ni Cheallaigh, S. Thomas]
- 'Age and frailty are independently associated with increased covid-19 mortality and increased care needs in survivors: results of an international multi-centre study', *Age and Ageing* (2021), 617-630 [C. Welch]
- 'Making healthcare accessible for single adults with complex needs experiencing long-term homelessness: a realist evaluation protocol', *HRB Open Research*, 3(2021), 73 [R. Siersbaek, John Ford, C. Ni Cheallaigh, S. Burke, S. Thomas]
- 'How accessible is healthcare for single adults experiencing long-term homelessness and complex needs? A realist evaluation protocol', *HRB Open Research*, 3 (2020), 73 [R. Siersbaek, J. Ford, C. Ni Cheallaigh, S. Burke, S. Thomas]
- 'Von Willebrand factor propeptide in severe coronavirus disease 2019 (covid-19): evidence of acute and sustained endothelial cell activation', *British Journal of Haematology*, 192, 4 (2021), 714-719 [S.E. Ward, G.F. Curley, M. Lavin, M. Byrne, R. Preston, D. Kenny]
- 'Dynamic assay for profiling anti-SARS-CoV-2 antibodies and their ACE2/spike RBD neutralization capacity', *Viruses*, 13, 7 (2021), 1371 [T. Phelan, J. Dunne, N. Conlon (...), C. Ni Cheallaigh *et al.*]
- 'Investigating the relationship between vitamin D and persistent symptoms following SARS-CoV-2 infection', *Nutrients*, 13, 7 (2021), 2430 [L. Townsend, A.H. Dyer, P. McCluskey (...), C. Ni Cheallaigh *et al.*]
- 'The unmet rehabilitation needs in an inclusion health integrated care programme for homeless adults in Dublin, Ireland', *International Journal of Environmental Research and Public Health*, 18, 15 (2021), 7917 [Á. Carroll, S. O'Brien, D. Harrington, C. Ni Cheallaigh, A-M. Lawlee, P. Sukumar]
- 'Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of covid-19 deaths', *Science Immunology*, 6, 62 (2021), eabl4340 [P. Bastard, A. Gervais, T. Le Voyer, L. Abel, J.-L. Casanova]
- 'Persistent endotheliopathy in the pathogenesis of long covid syndrome', *Journal of Thrombosis and Haemostasis* (2021), <http://dx.doi.org/10.1111/jth.15490> [H. Fogarty, L. Townsend, H. Morrin (...), P. Nadarajan]
- 'Kinetics of the SARS-CoV-2 antibody response and serological estimation of time since infection', *The Journal of Infectious Diseases* (2021), <http://dx.doi.org/10.1093/infdis/jiab375> [S. Pelleau, T. Woudenberg, J. Rosado (...), K. Zannis, M. White]
- 'ADAMTS13 regulation of VWF multimer distribution in severe covid-19', *Journal of Thrombosis and Haemostasis* (2021), <http://dx.doi.org/10.1111/jth.15409> [S.E. Ward, H. Fogarty, E. Karampini (...), C. Ni Cheallaigh *et al.*]
- O'Connell, Niamh, 'More on covid-19 coagulopathy in Caucasian patients', *British Journal of Haematology*, 189, 6 (2020), 1060-1061 [H. Fogarty, L. Townsend, C. Ni Cheallaigh (...), N. Conlon, J.S. O'Donnell]
- 'A systematic review of physical activity in people with haemophilia and its relationship with bleeding phenotype and treatment regimen', *Haemophilia* (2021), <http://dx.doi.org/10.1111/hae.14282> [M. Kennedy, P. O'Gorman, A. Monaghan, M. Lavin, P.L. Turecek, J. Gormley]
- 'Covid 19 coagulopathy in caucasian patients', *British Journal of Haematology*, 89, 6 (2020), 1044-1049 [H. Fogarty, L. Townsend, C. Ni Cheallaigh (...), N. O'Connell *et al.*]

Recent publications – Faculty of Health Sciences

- O'Sullivan, Maria, 'A high prevalence of vitamin D deficiency observed in an Irish southeast Asian population: a cross-sectional observation study', *Nutrients*, 12, 12 (2020), <http://dx.doi.org/10.3390/nu12123674> [E. Laird, J.B. Walsh, S. Lanham-New (...), M. O'Sullivan *et al.*]
- 'Socioeconomic inequality and risk of sarcopenia in community-dwelling older adults', *Clinical Interventions in Aging*, 16 (2021), 1119-1129 [L. Swan, A. Warters, M. O'Sullivan]
- 'Embedding physical activity within community home support services for older adults in Ireland - a qualitative study of barriers and enablers', *Clinical Interventions in Aging*, 17 (2022), 223-234 [L. Swan, N.F. Horgan, V. Cummins (...), A. Warters, M. O'Sullivan]
- Phelan, James, 'The iron chelator desferrioxamine increases the efficacy of bedaquiline in primary human macrophages infected with BCG', *International Journal of Molecular Sciences* (2021), <http://hdl.handle.net/2262/97069> [C. Cahill, F. O'Connell, K.M. Gogan (...), J. Keane, J.J. Phelan]
- 'The Warburg effect occurs rapidly in stimulated human adult but not umbilical cord blood derived macrophages', *Frontiers in Immunology* (2021), <http://dx.doi.org/10.3389/fimmu.2021.657261> [C. Ó Maoldomhnaigh, D.J. Cox, J.J. Phelan, F.D. Malone, J. Keane, S.A. Basdeo]
- 'Tuberculosis lymph node granulomas: using transcriptomics to discover immunopathology paradigms and guide host-directed therapy', *The Journal of Clinical Investigation* (2021), <http://dx.doi.org/10.1172/JCI151810> [J.J. Phelan, S. O'Leary, J. Keane]
- 'The prognostic value of the lymph node in oesophageal adenocarcinoma; incorporating clinicopathological and immunological profiling', *Cancers* (2021), <http://dx.doi.org/10.3390/cancers13164005> [N.E. Donlon, M. Davern, A. Sheppard (...), J.J. Phelan *et al.*]
- 'Phagocyte metabolism: neutrophils have their cake but don't eat it', *Trends in Immunology* (2021), <http://dx.doi.org/10.1016/j.it.2021.08.011> [J.J. Phelan, F.J. Sheedy.]
- 'The effect of tuberculosis antimicrobials on the immunometabolic profiles of primary human macrophages stimulated with *Mycobacterium tuberculosis*', *International Journal of Molecular Sciences* (2021), <http://hdl.handle.net/2262/97538> [C. Cahill, D.J. Cox, F. O'Connell (...), J. Keane, J.J. Phelan.]
- Prina Mello, Adriale, 'Aerosolized drug-loaded nanoparticles targeting migration inhibitory factors inhibit *Pseudomonas aeruginosa* induced inflammation and biofilm formation', *Nanomedicine*, 15, 30 (2020), 2933-2953 [M. Doroudian, A. O'Neill, C. O'Reilly (...), A. Prina-Mello *et al.*]
- 'Nanotechnology in pulmonary medicine', *Current Opinion in Pharmacology*, 56 (2021), 85-92 [M. Doroudian, A. O'Neill, R. Mac Loughlin, A. Prina-Mello, Y. Volkov, S.C. Donnelly]
- 'Measuring particle size distribution and mass concentration of nanoplastics and microplastics: addressing some analytical challenges in the sub-micron size range', *Journal of Colloid and Interface Science*, 588 (2021), 401-417 [F. Caputo, R. Vogel, J. Savage (...), A. Prina-Mello, L. Calzolari]
- 'Asymmetric-flow field-flow fractionation for measuring particle size, drug loading and (in)stability of nanopharmaceuticals. The joint view of European Union nanomedicine characterization laboratory and national cancer institute - nanotechnology characterization laboratory', *Journal of Chromatography A*, 1635, 461767 (2021), <http://hdl.handle.net/2262/95736> [F. Caputo, D. Mehn, J.D. Clogston, S. Gioria, L. Calzolari]
- 'Measuring particle concentration of multimodal synthetic reference materials and extracellular vesicles with orthogonal techniques: who is up to the challenge?', *Journal of Extracellular Vesicles*, 10, 3 (2021), <http://hdl.handle.net/2262/95768> [R. Vogel, J. Savage, J. Muzard (...), F. Caputo, A. Prina-Mello]
- 'Risk management framework for nano-biomaterials used in medical devices and advanced therapy medicinal products', *Materials*, 13, 20 (2020), 1-29 [E. Giubilato, V. Cazzagon, M.J.B. Amorim (...), A. Prina-Mello *et al.*]

Recent publications – Faculty of Health Sciences

- 'Metastatic disease in head and neck oncology [La malattia metastatica in oncologia testa-collo]', *Acta Otorhinolaryngologica Italica*, 40, 2 (2020), S1-S86 [P. Pisani, M. Airoidi, A. Allais (...), A. Prina-Mello *et al.*]
- 'Editorial: Use of 3D models in drug development and precision medicine - advances and outlook', *Frontiers in Bioengineering and Biotechnology*, 9, 658941 (2021), <http://dx.doi.org/10.3389/fbioe.2021.658941> [A. Prina-Mello, L. Bonacina, D. Staedler, D. Movia]
- Rooney, James**, 'Cognitive reserve in amyotrophic lateral sclerosis (ALS): a population-based longitudinal study', *J Neurol Neurosurg Psychiatry*, 92, 5 (2021), 460-465 [E. Costello, J. Rooney, M. Pinto-Grau (...), O. Hardiman, N. Pender]
- 'Correlations between measures of ALS respiratory function: is there an alternative to FVC?', *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 22, 7-8 (2021), 495-504 [D. Murray, J. Rooney, A. Al-Chalabi (...), L.H. Van Den Berg, O. Hardiman]
- Ryan, Daniel**, 'Does an interactive, teleconference-delivered, palliative care lecture series improve nursing home staff confidence?', *Journal of Palliative Medicine*, (2020), <http://dx.doi.org/10.1089/jpm.2018.0549> [M.J. Dowling, C. Payne, P. Larkin, D.J. Ryan]
- Salim, Asad**, 'Rare cutaneous manifestation of covid-19', *British Medical Journal*, 14, 1 (2021), e240863 [L. Killion, P.E. Beatty, A. Salim]
- Smith, Sinead**, *Helicobacter pylori*, Springer Nature (2021), <http://dx.doi.org/10.1007/978-1-0716-1302-3> [S. Smith]
- '*Helicobacter pylori* resistance to antibiotics in Europe in 2018 and its relationship to antibiotic consumption in the community', *Gut*, Apr 9, (2021), <http://dx.doi.org/10.1136/gutjnl-2021-324032> [F. Megraud, R. Bruyndonckx, S. Coenen (...), H. Goossens, Y. Glupczynski]
- 'Adverse event profile during the treatment of *Helicobacter pylori*: a real-world experience of 22,000 patients from the European registry on *H. pylori* management (Hp-EuReg)', *American Journal of Gastroenterology*, 116, 6 (2021), 1220-1229 [O.P. Nyssen, A. Perez-Aisa, B. Tepes (...), C. O'Morain, J.P. Gisbert]
- 'Antibiotic resistance prevalence and trends in patients infected with *Helicobacter pylori* in the period 2013-2020: results of the European registry on *H. pylori* management (Hp-EuReg)', *Antibiotics*, 10, 9 (2021), 1058 [L. Bujanda, O.P. Nyssen, D. Vaira (...), S. Smith *et al.*]
- 'Empirical second-line therapy in 5,000 patients of the European registry on *Helicobacter pylori* management (Hp-EuReg)', *Clinical Gastroenterology and Hepatology*, S1542-3565, 21 (2021), 01349-5 [O.P. Nyssen, D. Vaira, Á.P. Aisa (...), C.O. Morain, J.P. Gisbert]
- 'Combined antrum and corpus biopsy protocol improves *Helicobacter pylori* culture success', *World Journal of Gastrointestinal Pathophysiology*, 13, 1 (2022), 34-40 [D. Brennan, C. O'Morain, D. McNamara, S.M. Smith]
- Tobin, Anne**, 'A qualitative analysis of psychological distress in hidradenitis suppurativa', *British Journal of Dermatology*, 182, 2 (2020), 342-347 [E. Keary, D. Hevey, A.M. Tobin]
- 'Sun protection factor reimbursement as a means to promote increased usage in an organ transplant recipient population', *Photodermatology, Photoimmunology, Photomedicine*, 36, 3 (2020), 244-245 [C. O'Grady, D. Roche, E. Gilhooley, J. MacMahon, F. Awdeh, A.M. Tobin]
- 'Psoriatic nails; severe dystrophy and hyperkeratosis', *Journal of Clinical Rheumatology*, 27, 3 (2021), 121 [C. O'Grady, A.M. Tobin]
- 'An update on health-related quality of life and patient-reported outcomes in hidradenitis suppurativa', *Patient Related Outcome Measures*, 11 (2020), 21-26 [J. Mac Mahon, S. Kirthi, N. Byrne, C. O'Grady, A.M. Tobin]
- 'Photoinduced granulomatous reaction of cosmetically tattooed lips', *Journal of Cosmetic Dermatology*, 19, 12 (2020), 3423-3425 [E. Gilhooley, C. O'Grady, A.M. Tobin, M. Connolly]

Recent publications – Faculty of Health Sciences

- 'Psychosocial burden and out-of-pocket costs in patients with atopic dermatitis in Ireland', *Clinical and Experimental Dermatology*, 46, 1 (2021), 157-161 [G. Murray, M. O'Kane, R. Watson, A.M. Tobin]
- 'Response to 'Reduction in skin cancer diagnosis, and overall cancer referrals, during the covid-19 pandemic'', *British Journal of Dermatology*, 184, 3 (2021), 580-581 [G. Murray, D. Roche, A. Ridge, C. Hackett, A.M. Tobin]
- 'Perceptions of and barriers to the implementation of patient initiated follow-up', *International Journal of Dermatology*, 59, 10 (2020), 1280-1281 [E. Gilhooley, A.M. Tobin]
- Walsh, Patrick**, 'Opportunities to target T cell trafficking in pediatric inflammatory bowel disease', *Frontiers in Pediatrics*, 9 (2021), 640497 [E. Giannoudaki, S. Gargan, S. Hussey, A. Long, P.T. Walsh]
- 'SIGIRR negatively regulates IL-36-driven psoriasiform inflammation and neutrophil infiltration in the skin', *Journal of Immunology*, 207, 2 (2021), 651-660 [E. Giannoudaki, A.M. Stefanska, H. Lawler (...), P.G. Fallon, P.T. Walsh]
- Widdowson, Matt**, 'A prospective observational pilot study of adverse drug reactions contributing to hospitalisation in a cohort of middle-aged adults aged 45-64 years', *Drugs and Therapy Perspectives* (2020), <http://hdl.handle.net/2262/91265> [T. Smeaton, P. McElwaine, J. Cullen (...), M Widdowson, T.C. Grimes]
- 'Cognitive performance in midlife type 2 diabetes: results from the ENBIND study', *Diabetic Medicine* (2020), <http://dx.doi.org/10.1111/dme.14412> [A. Dyer, L. McKenna, G. Gamage (...), M. Widdowson *et al.*]
- 'Peripheral inflammation and cognitive performance in middle-aged adults with and without type 2 diabetes: results from the ENBIND study', *Front. Aging Neurosci*, 12 (2020), <http://dx.doi.org/10.3389/fnagi.2020.605878> [A.H. Dyer, L. McKenna, I. Batten (...), M. Widdowson *et al.*]

Research students

- Burke, Elaine**, 'Evaluation of an early career clinical academic training programme using the CIPP model', *BMJ Open*, 11, 11 (2021), e052965 [E. Burke, M. Hennessy]
- Murphy, Dearbhla**, 'Tissue distribution of $\gamma\delta$ T cell subsets in oesophageal adenocarcinoma', *Clinical Immunology*, 229 (2021), <http://hdl.handle.net/2262/98157> [A.M. Melo, E. Mylod, V. Fitzgerald (...), D.M. Murphy *et al.*]
- 'Distinct hepatic myeloid and lymphoid cell repertoires are associated with susceptibility and resistance to *Ascaris* infection', *Parasitology*, 148, 5 (2021), 539-549 [G. Deslyper, D.M. Murphy, O.A. Sowemimo, C.V. Holland, D.G. Doherty]

CLINICAL MICROBIOLOGY

- Fitzgibbon, Margaret**, 'Overcoming the challenges of pyrazinamide susceptibility testing in clinical *Mycobacterium tuberculosis* isolates', *Antimicrobial Agents and Chemotherapy* (2021), <http://dx.doi.org/10.1128/aac.02617-20> [S. Mok, E. Roycroft, P.R. Flanagan (...), T.R. Rogers, M.M. Fitzgibbon]
- 'The largest prison outbreak of TB in Western Europe investigated using whole-genome sequencing', *The International Journal of Tuberculosis and Lung Disease: the Official Journal of the International Union against Tuberculosis and Lung Disease* (2021), <http://dx.doi.org/10.5588/ijtld.21.0033> [E. Roycroft, M.M. Fitzgibbon, D.M Kelly (...), J. Keane, M. O Meara]
- 'False detection of rifampicin resistance using Xpert[®] MTB/RIF Ultra assay due to an A451V mutation in *Mycobacterium tuberculosis*', *JAC Antimicrob Resist*, 3, 3 (2021), dlab101 [M.M. Fitzgibbon, E. Roycroft, G. Sheehan (...), J. Keane, T.R. Rogers]

Recent publications – Faculty of Health Sciences

Renwick, Julie, 'Early interleukin-22 and neutrophil proteins are correlated to future lung damage in children with cystic fibrosis', *Frontiers in Pediatrics*, 31, 9 (2021), <http://dx.doi.org/10.3389/fped.2021.640184> [J. Renwick, E. Reece, J. Walsh (...), S.C. Donnelly, P. Grealley]

'Polymicrobial interactions in the cystic fibrosis airway microbiome impact the antimicrobial susceptibility of *Pseudomonas aeruginosa*', *Antibiotics*, 10, 7 (2021), 827 [E. Reece, P.H. Bettio, J. Renwick]

Wagener, Johannes, 'Digestive enzymes of fungal origin as a relevant cause of false positive *Aspergillus* antigen testing in intensive care unit patients', *Infection*, 49, 2 (2021), 241-248 [I. Schroeder, K. Dichtl, U. Liebchen (...), J. Wagener *et al.*]

'Comparison of β -D-glucan and galactomannan in serum for detection of invasive aspergillosis: retrospective analysis with focus on early diagnosis', *Journal of Fungi (Basel, Switzerland)*, 6, 4 (2020), <http://dx.doi.org/10.3390/jof6040253> [K. Dichtl, J. Forster, S. Ormanns (...), U. Seybold, J. Wagener]

'Alpha- and beta-1,3-glucan synthesis and remodeling', *The fungal cell wall: an armour and a weapon for human fungal pathogens*, eds J.-P. Latgé, Springer International Publishing (2020), 53-82 [J. Wagener, K. Striegler, N. Wagener]

'Expansion microscopy for cell biology analysis in fungi', *Frontiers in Microbiology*, 11 (2020), 574 [R. Götz, S. Panzer, N. Trinks (...), J. Wagener *et al.*]

'Unconventional T cells - new players in antifungal immunity', *Clinical Immunology* (2021), 108734 [M.R. Dunne, J. Wagener, J. Loeffler, D.G. Doherty, T.R. Rogers]

' α - and β -1,3-glucan synthesis and remodeling', *Current Topics in Microbiology and Immunology* (2020), http://dx.doi.org/10.1007/82_2020_200 [J. Wagener, K. Striegler, N. Wagener]

'Performance of three SARS-CoV-2 immunoassays, three rapid lateral flow tests, and a novel bead-based affinity surrogate test for the detection of SARS-CoV-2 antibodies in human serum', *Journal of Clinical Microbiology*, 59, 8 (2021), e0031921 [M. Krone, J. Gütlings, J. Wagener (...), O. Kurzai, A. Schubert-Unkmeir]

'An invasive infection caused by the thermophilic mold *Talaromyces thermophilus*', *Infection*, 49, 6 (2021), 1347-1353 [K. Dichtl, Ö. Koc, J. Forster (...), J. Wagener, I. Schroeder]

' β -1,3-D-glucan and galactomannan as biomarkers for the detection of invasive *Geotrichum* and *Magnusiomyces* infections: a retrospective evaluation', *Journal of Clinical Microbiology* (2021), JCM0160721 [J. Forster, Ö. Koc, M.B. Koeppel (...), J. Wagener, K. Dichtl]

'Comparison of a lateral flow assay and a latex agglutination test for the diagnosis of *Cryptococcus neoformans* infection', *Current Microbiology*, 78, 11 (2021), 3989-3995 [T. Schub, J. Forster, S. Suerbaum, J. Wagener, K. Dichtl]

'Peroxidase Asp f3 is essential for *Aspergillus fumigatus* to overcome iron limitation during infection', *mBio*, 12, 4 (2021), e0097621 [V. Brantl, J.M. Boysen, A. Yap (...), F. Hillmann, J. Wagener]

'Lower beta-1,3-D-glucan testing cut-offs increase sensitivity for non-*albicans* *Candida* species blood stream infections', *Mycoses* (2022), <http://dx.doi.org/10.1111/myc.13421> [J. Forster, K. Dichtl, J. Wagener]

HAEMATOLOGY

Bacon, Christopher, 'Molecular subtyping of diffuse large B-cell lymphoma using a novel quantitative RT-PCR assay', *J Mol Diagn* (2020), S1525-1578 [R. Ta, C. Santini, P. Gou (...), L. Bacon *et al.*]

'Covid 19 coagulopathy in caucasian patients', *British Journal of Haematology*, 89, 6 (2020), 1044-1049 [H. Fogarty, L. Townsend, C. Ni Cheallaigh (...), C.L. Bacon *et al.*]

Flynn, Catherine, 'Repeat JAK2 V617F testing in patients with suspected essential thrombocythaemia', *Journal of Clinical Pathology*, 73, 11 (2020), 772 [L. Kearney, L.L. Tokar, C. Flynn, V. Mykytiv, K. Murphy, S. Langabeer]

Recent publications – Faculty of Health Sciences

McElligott, Tony, 'Exploring the anti-cancer mechanism of novel 3,4'-substituted diaryl guanidinium derivatives', *Pharmaceuticals (Base)*, 13, 12 (2020), 485 [V. Previtali, H.B. Mihigo, R. Amet, A.M. McElligott, D.M. Zisterer, I. Rozas]

'Epidemiology of chronic lymphocytic leukaemia in an Irish subpopulation with total case ascertainment: an additional tool for health economic planning', *British Journal of Haematology* (2021), <http://hdl.handle.net/2262/97684> [C. Waldron, A.M. McElligott, F. Quinn, E. Vandenberghe]

'A novel aryl-guanidinium derivative, VP79s, targets the signal transducer and activator of transcription 3 signaling pathway, downregulates myeloid cell leukaemia-1 and exhibits preclinical activity against multiple myeloma', *Life Sciences*, 290 (2022), <http://hdl.handle.net/2262/97864> [R. Amet, V. Previtali, P.V. Browne, I. Rozas, A.M. McElligott, D.M. Zisterer]

McHugh, Johnny, 'AZD1222 vaccine-related coagulopathy and thrombocytopenia without thrombosis in a young female', *British Journal of Haematology* (2021), <http://dx.doi.org/10.1111/bjh.17530> [E. Ryan, D. Benjamin, I. McDonald (...), J. McHugh *et al.*]

'Argatroban for therapeutic anticoagulation for heparin resistance associated with covid-19 infection', *Journal of Thrombosis and Thrombolysis*, 51, 1 (2021), 243-245 [F. McGlynn, J. McGrath, C. Varghese (...), J. McHugh *et al.*]

Vandenberghe, Elisabeth, 'Epidemiology of chronic lymphocytic leukaemia in an Irish subpopulation with total case ascertainment: an additional tool for health economic planning', *British Journal of Haematology* (2021), <http://hdl.handle.net/2262/97684> [C. Waldron, A.M. McElligott, F. Quinn, E. Vandenberghe]

HISTOPATHOLOGY AND MORBID ANATOMY

Bates, Mark, 'YB-1: The key to personalised prostate cancer management?', *Cancer Letters* (2020), <http://dx.doi.org/10.1016/j.canlet.2020.07.006> [M. Bates, A. Boland, N. McDermott, L. Marignol]

'Prevalence of tumor BRCA1 and BRCA2 dysfunction in unselected patients with ovarian cancer', *Obstetrics and Gynecology Science*, 63, 5 (2020), 643-654 [R.D. Kalachand, C. O'Riain, S. Toomey (...), M. Bates *et al.*]

'Exposure to tobacco smoke measured by urinary nicotine metabolites increases risk of p16/Ki-67 co-expression and high-grade cervical neoplasia in HPV positive women: a two year prospective study', *Cancer Epidemiology*, 68 (2020), 101793 [C.M. White, S. Bakhiet, M. Bates (...), C.M. Martin, J.J. O'Leary]

'Platelets, immune cells and the coagulation cascade; friend or foe of the circulating tumour cell?', *Molecular Cancer*, 20 (2021), 59 [M.P. Ward, L.E. Kane, L.A. Norris *et al.*]

'The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer', *PLoS ONE*, 15, 12 (2020), e0243715 [M. Bates, C.D. Spillane, M.F. Gallagher (...), S. O'Toole, J.J. O'Leary]

'Prognostic features of the tumour microenvironment in oesophageal adenocarcinoma', *Biochim Biophys Acta Rev Cancer* (2021), 188598 [R. McShane, S. Arya, A.J. Stewart, P. Caie, M. Bates]

Martin, Cara, 'Circulating tumour cell enumeration does not correlate with Miller-Payne grade in a cohort of breast cancer patients undergoing neoadjuvant chemotherapy', *Breast Cancer Research and Treatment*, 181, 3 (2020), 571-580 [S.A. O'Toole, C. Spillane, Y. Huang (...), C. Martin *et al.*]

'Influenza A virus causes maternal and fetal pathology via innate and adaptive vascular inflammation in mice', *Proceedings of the National Academy of Sciences of the United States of America* (2020), <http://hdl.handle.net/2262/95391> [S. Liong, O. Oseghale, E.E. To (...), C. Martin *et al.*]

Recent publications – Faculty of Health Sciences

'Exposure to tobacco smoke measured by urinary nicotine metabolites increases risk of p16/Ki-67 co-expression and high-grade cervical neoplasia in HPV positive women: a two year prospective study', *Cancer Epidemiology*, 68 (2020), 101793 [C.M. White, S. Bakhiet, M. Bates (...), M. Cara, J.J. O'Leary]

'Platelets, immune cells and the coagulation cascade; friend or foe of the circulating tumour cell?', *Molecular Cancer*, 20 (2021), 59 [M.P. Ward, L.E. Kane, L.A. Norris *et al.*]

'The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer', *PLoS ONE*, 15, 12 (2020), e0243715 [M. Bates, C.D. Spillane, M.F. Gallagher (...), C. Martin *et al.*]

'Prevalence and concordance of oral HPV infections with cervical HPV infections in women referred to colposcopy with abnormal cytology', *Journal of Oral Pathology and Medicine: Official Publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology*, 50, 7 (2021), 692-699 [P. Tewari, P. Banka, N. Kernan (...), C.M. Martin, J.J. O'Leary]

'Raman spectroscopy of liquid-based cervical smear samples as a triage to stratify women who are HPV-positive on screening', *Cancers*, 13, 9 (2021), <http://dx.doi.org/10.3390/cancers13092008> [D. Traynor, C.M. Martin, C. White (...), J.J. O'Leary, F.M. Lyng]

'Advancing understanding of influences on cervical screening (non)-participation among younger and older women: a qualitative study using the theoretical domains framework and the COM-B model.', *Health Expectations: an International Journal of Public Participation in Health Care and Health Policy* (2021), <http://dx.doi.org/10.1111/hex.13346> [B. O'Donovan, T. Mooney, B. Rimmer (...), C. Martin *et al.*]

'Identifying ways to maximise cervical screening uptake: a qualitative study of GPs' and practice nurses' cervical cancer screening-related behaviours', *HRB Open Res*, 4 (2021), 44 [M. O'Connor, L.A. McSherry, S.U. Dombrowski (...), C. Martin *et al.*]

'Raman spectral cytopathology for cancer diagnostic applications', *Nature Protocols*, 16, 7 (2021), 3716-3735 [D. Traynor, I. Behl, D. O'Dea (...), C. Martin *et al.*]

'Estimating the conditional probability of developing human papilloma virus related oropharyngeal cancer by combining machine learning and inverse Bayesian modelling', *PLoS Computational Biology*, 17, 8 (2021), e1009289 [P. Tewari, E. Kashdan, C. Walsh, C.M. Martin, A.C. Parnell, J.J. O'Leary]

'The role of tumour morphology in assigning HPV status in oropharyngeal squamous cell carcinoma', *Oral Oncology*, 105 (2020), 104670 [P. Molony, R. Werner, C. Martin (...), C. Heffron, L. Feeley]

'Tumour cell anaplasia and multinucleation as prognosticators in oropharyngeal squamous cell carcinoma', *Head and Neck Pathology*, 14, 3 (2020), 606-615 [P. Molony, R. Werner, C. Martin (...), C. Heffron, L. Feeley]

'The role of healthcare professionals in HPV communication with head and neck cancer patients: a narrative synthesis of qualitative studies', *European Journal of Cancer Care*, 29, 4 (2020), e13241 [M. O'Connor, B. O'Donovan, J. Waller (...), C. Martin *et al.*]

Sheils, Orla, 'Differential circRNA expression signatures may serve as potential novel biomarkers in prostate cancer', *Frontiers in Cell and Developmental Biology*, 9 (2021), 334 [J. Greene, A.-M. Baird, M. Lim (...), O. Sheils *et al.*]

'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin (...), O. Sheils *et al.*]

'Pathogenic *BRCA* variants as biomarkers for risk in prostate cancer', *Cancers*, 13, 22 (2021), <http://dx.doi.org/10.3390/cancers13225697> [C.S. McNevin, K. Cadoo, A.M. Baird (...), O. Sheils *et al.*]

Recent publications – Faculty of Health Sciences

- Ward, Mark*, 'Increased extracellular vesicles mediate inflammatory signalling in cystic fibrosis', *Thorax*, 75, 6 (2020), 449-458 [Z. Useckaite M.P. Ward, A. Trappe (...), P. McNally, J.A. Coppinger]
- 'Circulating tumour cell enumeration does not correlate with Miller-Payne grade in a cohort of breast cancer patients undergoing neoadjuvant chemotherapy', *Breast Cancer Research and Treatment*, 181, 3 (2020), 571-580 [S.A. O'Toole, C. Spillane, Y. Huang (...), M. Ward *et al.*]
- 'A risk score for prediction of venous thromboembolism in gynecologic cancer: the Thrombogyn score', *Res Pract Thromb Haemost*, 4, 5 (2020), 848-859 [L.A. Norris, M.P. Ward, S.A. O'Toole (...), F. Abu Saadeh, N. Gleeson]
- 'HE4 and CA125 as preoperative risk stratifiers for lymph node metastasis in endometrioid carcinoma of the endometrium: a retrospective study in a cohort with histological proof of lymph node status', *Gynecologic Oncology* (2020), <http://dx.doi.org/10.1016/j.ygyno.2020.11.004> [S.A. O'Toole, Y. Huang, L. Norris (...), M. Ward *et al.*]
- 'Procoagulant activity in high grade serous ovarian cancer patients following neoadjuvant chemotherapy - the role of the activated protein C pathway', *Thrombosis Research*, 200 (2021), 91-98 [M.P. Ward, F.A. Saadeh, S.A. O'Toole (...), N. Gleeson, L.A. Norris]
- 'Platelets, immune cells and the coagulation cascade; friend or foe of the circulating tumour cell?', *Molecular Cancer*, 20 (2021), 59 [M.P. Ward, L.E. Kane, L.A. Norris *et al.*]
- 'Extracellular vesicles in ovarian cancer - a role in venous thromboembolism?', *Thrombosis Update*, 3 (2021), <http://dx.doi.org/10.1016/j.tru.2021.100041> [M.P. Ward]
- 'Could microRNAs be useful tools to improve the diagnosis and treatment of rare gynecological cancers? A brief overview', *International Journal of Molecular Sciences*, 22, 8 (2021), <http://dx.doi.org/10.3390/ijms22083822> [R. Di Fiore, S. Suleiman, F. Pentimalli (...), M. Ward *et al.*]
- 'LncRNA *MORT (ZNF667-AS1)* in cancer - is there a possible role in gynecological malignancies?', *International Journal of Molecular Sciences*, 22, 15 (2021), <http://dx.doi.org/10.3390/ijms22157829> [R. Di Fiore, S. Suleiman, R. Drago-Ferrante (...), M. Ward *et al.*]
- 'The induction of a mesenchymal phenotype by platelet cloaking of cancer cells is a universal phenomenon', *Translational Oncology*, 14, 12 (2021), 101229 [C.D. Spillane, N.M. Cooke, M.P. Ward (...), S.A. O'Toole, J.J. O'Leary]
- '(In)Distinctive role of long non-coding RNAs in common and rare ovarian cancers', *Cancers*, 13, 20 (2021), <http://dx.doi.org/10.3390/cancers13205040> [M. Sabol, J. Calleja-Agius, R. Di Fiore (...), M.P. Ward, P. Ozretić]

IMMUNOLOGY

- Conlon, Niall*, 'Covid19 coagulopathy in Caucasian patients', *British Journal of Haematology*, 189, 6 (2020), 1044-1049 [H. Fogarty, L. Townsend, C. Ni Cheallaigh (...), N. Conlon, J.S. O'Donnell]
- 'More on covid-19 coagulopathy in Caucasian patients', *British Journal of Haematology*, 189, 6 (2020), 1060-1061 [H. Fogarty, L. Townsend, C. Ni Cheallaigh (...), N. Conlon, J.S. O'Donnell]
- 'Peripheral inflammation and cognitive performance in middle-aged adults with and without type 2 diabetes: results from the ENBIND study', *Front. Aging Neurosci*, 12 (2020), <http://dx.doi.org/10.3389/fnagi.2020.605878> [A.H. Dyer, L. McKenna, I. Batten (...), N. Conlon *et al.*]
- 'Prevalence of N-methyl-D-aspartate receptor antibody (NMDAR-Ab) encephalitis in patients with first episode psychosis and treatment resistant schizophrenia on clozapine, a population based study', *Schizophrenia Research*, 222 (2020), 455-461 [E. Kelleher, P. McNamara, J. Dunne (...), N. Conlon *et al.*]
- 'Persistent poor health post-covid-19 is not associated with respiratory complications or initial disease severity', *Annals of the American Thoracic Society* (2021), <http://dx.doi.org/10.1513/annalsats.202009-1175oc> [L. Townsend, J. Dowds, K. O'Brien (...), N. Conlon *et al.*]

Recent publications – Faculty of Health Sciences

- 'Googling allergy in Ireland: content analysis', *Journal of Medical Internet Research*, 22, 5 (2020), 16763-16763 [C. King, C. Judge, A. Byrne, N. Conlon]
- 'Possible N methyl D aspartate receptor antibody mediated encephalitis in the setting of HIV cerebrospinal escape', *Journal of Neurology*, 267, 5 (2020), 1348-1352 [P.B. Moloney, S. Hutchinson, J. Heskin (...), N. Conlon *et al.*]
- 'Feasibility assessment of an 8-week attention-based training programme in the management of chronic spontaneous urticaria', *Pilot and Feasibility Studies* (2021), <http://dx.doi.org/10.1186/s40814-021-00841-z> [K. Ridge, N. Conlon, M. Hennessy, P. Dunne]
- 'Prevalence of antibodies to SARS-CoV-2 in Irish hospital healthcare workers', *Epidemiology and Infection* (2021), 1-33 [N. Allen, U Ni Riain, N. Conlon (...), C. Fleming, C. Bergin]
- 'Leukocyte adhesion deficiency type 1 due to novel ITGB2 mutation', *Irish Medical Journal*, 113, 7 (2020), 129 [S. Harvey, M. Cremin, N. Conlon, M. Moore, R. Leahy, S. Felsenstein]
- 'Seasonal influenza vaccine: uptake, attitude, and knowledge among patients receiving immunoglobulin replacement therapy', *Journal of Clinical Immunology*, 41, 1 (2021), 194-204 [F. Cox, C. King, A. Sloan, D.J. Edgar, N. Conlon]
- 'PEG that reaction: a case series of allergy to polyethylene glycol', *Journal of Clinical Pharmacology*, 61, 6 (2021), 832-835 [F. Cox, K. Khalib, N. Conlon]
- 'The global impact of the covid-19 pandemic on the management and course of chronic urticaria', *Allergy*, 76, 3 (2021), 816-830 [E. Kocatürk, A. Salman, I. Cherrez-Ojeda, Z. Zhao, T. Zuberbier, M. Maurer]
- 'Serendipitous detection of α_1 -antitrypsin deficiency: a single institution's experience over a 32 month period', *Clinical Chemistry and Laboratory Medicine* (2021), <http://dx.doi.org/10.1515/ccclm-2020-1750> [T. Cronin, E. Rasheed, A. Naughton (...), V.E.F. Crowley, N. Conlon]
- 'Effects of pregnancy on chronic urticaria: results of the PREG-CU UCARE study', *Allergy* (2021), <http://dx.doi.org/10.1111/all.14950> [E. Kocatürk, M. Al-Ahmad, K. Krause (...), N. Conlon *et al.*]
- Doherty, Derek**, 'Distinct hepatic myeloid and lymphoid cell repertoires are associated with susceptibility and resistance to *Ascaris* infection', *Parasitology*, 148, 5 (2021), 539-549 [G. Deslyper, D.M. Murphy, O.A. Sowemimo, C.V. Holland, D.G. Doherty]
- 'Tissue distribution of $\gamma\delta$ T cell subsets in oesophageal adenocarcinoma', *Clinical Immunology*, 229 (2021), <http://hdl.handle.net/2262/98157> [A.M. Melo, E. Mylod, V. Fitzgerald (...), D.G. Doherty *et al.*]
- 'Melatonin as an immunomodulator in children with Down syndrome', *Pediatric Research* (2021), <http://hdl.handle.net/2262/98156> [D. Huggard, L. Kelly, A. Worrall (...), D.G. Doherty, E.J. Molloy]
- 'Unconventional T cells - new players in antifungal immunity', *Clinical Immunology*, 227 (2021), 108734 [M.R. Dunne, J. Wagener, J. Loeffler, D.G. Doherty, T.R. Rogers]
- 'Altered distributions and functions of natural killer T cells and $\gamma\delta$ T cells in neonates with neonatal encephalopathy, in school-age children at follow-up, and in children with cerebral palsy', *Journal of Neuroimmunology*, 15, 356 (2021), 577597 [N.A.B. Taher, L.A. Kelly, Al. Al-Harbi (...), E.J. Molloy, D.G. Doherty]
- 'Type 2 diabetes mellitus and latent tuberculosis infection moderately influence innate lymphoid cell immune responses in Uganda', *Frontiers in Immunology*, 12 (2021), 716819 [P. Ssekamatte, M. Nakibuule, R. Nabatanzi (...), D.G. Doherty *et al.*]
- 'The role of lymphocytes in neonatal encephalopathy', *Brain Behavior and Immunity Health*, 18 (2021), 100380 [A.M. Melo, N.A. Taher, D.G. Doherty, E.J. Molloy]
- 'Can the immune system be targeted to treat covid-19?', *ERS monograph - covid-19*, eds A. Fabre, J.R. Hurst, S. Ramjug, European Respiratory Society, UK, (2021), 69-85 [S. Abdelhafeez, D. Doherty]

Recent publications – Faculty of Health Sciences

- Dunne, Margaret**, 'An investigation into the modulation of Tcell phenotypes by amitriptyline and nortriptyline', *European Neuropsychopharmacology* (2020), <http://dx.doi.org/10.1016/j.euroneuro.2019.12.106> [J. Royds, M.J. Conroy, M.R. Dunne, C. McCrory, J. Lysaght]
- 'Unconventional T cells - new players in antifungal immunity', *Clinical Immunology* (2021), 108734 [M.R. Dunne, J. Wagener, J. Loeffler, D.G. Doherty, T.R. Rogers]
- 'The role of unconventional T cells in covid-19', *Ir J Med Sci* (2021), <http://dx.doi.org/10.1007/s11845-021-02653-9> [K. Orumaa, M.R. Dunne]
- 'The tumour immune microenvironment in oesophageal cancer', *British Journal of Cancer* (2021), <http://dx.doi.org/10.1038/s41416-021-01331-y> [M. Davern, N.E. Donlon, R. Power (...), M.R. Dunne, J.V. Reynolds]
- 'Hypoxia and its impact on the tumour microenvironment of gastroesophageal cancers', *World Journal of Gastrointestinal Oncology*, 13, 5 (2021), 312-331 [R. King, C. Hayes, C.L. Donohoe, M.R. Dunne, M. Davern, N.E. Donlon]
- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), J. Hussey, J.N. O'Sullivan]

MEDICAL GERONTOLOGY

- Bourke, Nollaig**, 'Investigation of type I interferon responses in ANCA-associated vasculitis', *Scientific reports*, 11, 1 (2021), 8272 [I. Batten, M.W. Robinson, A. White (...), M.A. Little, N.M. Bourke]
- 'Investigating the relationship between vitamin D and persistent symptoms following SARS-CoV-2 infection', *Nutrients*, 13, 7 (2021), 2430 [L. Townsend, A.H. Dyer, P. McCluskey (...), N.M. Bourke *et al.*]
- 'Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of covid-19 deaths', *Science Immunology*, 6, 62 (2021), eabl4340 [P. Bastard, A. Gervais, T. Le Voyer (...), L. Abel, J.-L. Casanova]
- 'Type I interferon and the spectrum of susceptibility to viral infection and autoimmune disease: a shared genomic signature', *Frontiers in Immunology*, 12 (2021), 757249 [J.A. Sugrue, N.M. Bourke, C. O'Farrelly]
- 'Type I interferon and the spectrum of susceptibility to viral infection and autoimmune disease: a shared genomic signature', *Frontiers in Immunology* (2021), <http://dx.doi.org/10.3389/fimmu.2021.757249> [J.A. Sugrue, N.M. Bourke, C. O'Farrelly]
- Briggs, Robert**, 'What is the relationship between orthostatic blood pressure and spatiotemporal gait in later life?', *Journal of the American Geriatrics Society* (2020), <http://dx.doi.org/10.1111/jgs.16379> [R. Briggs, O.A. Donoghue, D. Carey (...), L. Newman, R.A. Kenny]
- 'Association of antidepressants with recurrent, injurious and unexplained falls is not explained by reduced gait speed', *The American Journal of Geriatric Psychiatry: Official Journal of the American Association for Geriatric Psychiatry*, 28, 3 (2020), 274-284 [O.A. Donoghue, R. Briggs, F. Moriarty, R.A. Kenny]
- 'Covid-19 highlights the need for universal adoption of standards of medical care for physicians in nursing homes in Europe', *European Geriatric Medicine* (2020), <https://doi.org/10.1007/s41999-020-00347-6> [D. O'Neill, R. Briggs, I. Holmerova (...), F.C. Martin]
- 'Resilience does not mediate the association between adverse childhood experiences and later life depression. Findings from the Irish Longitudinal Study on Ageing (TILDA)', *Journal of Affective Disorders* (2020), <http://dx.doi.org/10.1016/j.jad.2020.08.089> [M. Ward, N. Turner, R. Briggs, A.M. O'Halloran, R.A. Kenny]

Recent publications – Faculty of Health Sciences

'Impact of a specialist service in the emergency department on admission, length of stay and readmission of patients presenting with falls, syncope and dizziness', *QJM: Monthly Journal of the Association of Physicians* (2020), <http://dx.doi.org/10.1093/qjmed/hcaa261> [K. Jusmanova, C. Rice, R. Bourke (...), R.A. Kenny, R. Briggs]

'Unreported urinary incontinence: population-based prevalence and factors associated with non-reporting of symptoms in community-dwelling people - 50 years', *European Geriatric Medicine* (2020), <http://dx.doi.org/10.1007/s41999-020-00412-0> [R. Sullivan, T. McNicholas, P. Claffey, R.A. Kenny, R. Briggs]

'Letter to the editor, reply re: 'Impact of a specialist service in the emergency department on admission, length of stay and readmission of patients presenting with falls, syncope and dizziness'', *QJM: Monthly Journal of the Association of Physicians* (2020), <http://dx.doi.org/10.1093/qjmed/hcaa315> [K. Jusmanova, C. Rice, R. Bourke (...), R.A. Kenny, R. Briggs]

'Physical and mental health of older people while cocooning during the covid-19 pandemic', *QJM* (2021), <http://hdl.handle.net/2262/94775> [L. Bailey, M. Ward, A. DiCosimo (...), A. Lavan, R. Briggs]

'Linking death registration and survey data: procedures and cohort profile for the Irish Longitudinal Study on Ageing', *HRB Open Res*, 3, 43 (2020), <http://dx.doi.org/10.12688/hrbopenres.13083.1> [M. Ward, P. May, R. Briggs (...), R.A. Kenny, A. Nolan]

'Delayed blood pressure recovery after standing independently predicts fracture in community-dwelling older people', *Journal of the American Medical Directors Association* (2021), <http://dx.doi.org/10.1016/j.jamda.2020.12.031> [K. Doyle, A. Lavan, R.A. Kenny, R. Briggs]

'Wish to die' is independently associated with cardiovascular mortality in later life. Data from TILDA', *International Journal of Geriatric Psychiatry* (2021), <http://dx.doi.org/10.1002/gps.5550> [I. Ragab, M. Ward, D. Moloney, R.A. Kenny, R. Briggs]

'Home FIRsT: interdisciplinary geriatric assessment and disposition outcomes in the emergency department', *European Journal of Internal Medicine* (2020), <http://hdl.handle.net/2262/94181> [I. O'Shaughnessy, R. Romero-Ortuno, F. Horgan, C. Cunningham]

'Potential costs and consequences associated with medication error at hospital discharge: an expert judgement study', *European Journal of Hospital Pharmacy* (2022), <http://dx.doi.org/10.1136/ejhpharm-2021-002697> [G. Kirwan, A. O'Leary, C. Walsh (...), R. Briggs et al.]

Byrne, Declan, 'Gender difference in outcomes in acute medicine: women of lower socio-economic status have worse outcomes', *Medical Research Archives*, 8, 4 (2020), <http://dx.doi.org/10.18103/mra.v8i4.2077> [S. Cournane, R. Conway, D. Byrne, D. O'Riordan, B. Silke]

'Troponin status predicts 30-day in-hospital mortality', *Vessel Plus*, 4 (2020), 25-25 [R. Conway, D. Byrne, S. Cournane, D. O'Riordan, S. Coveney, B. Silke]

'Is there excessive troponin testing in clinical practice? Evidence from emergency medical admissions', *European Journal of Internal Medicine* (2020), <http://dx.doi.org/10.1016/j.ejim.2020.12.009> [R. Conway, D. Byrne, S. Cournane, D. O'Riordan, S. Coveney, B. Silke]

'Investigating the relationship between vitamin D and persistent symptoms following SARS-CoV-2 infection', *Nutrients*, 13, 7 (2021), 2430 [L. Townsend, A.H. Dyer, P. McCluskey (...), D.G. Byrne, R.A. Kenny]

'Non-specific clinical presentations are not prognostic and do not anticipate hospital length of stay or resource utilization', *European Journal of Internal Medicine* (2021), <http://dx.doi.org/10.1016/j.ejim.2021.02.004> [R. Conway, D. Byrne, D. O'Riordan, B. Silke]

'Air pollution and age: do older persons suffer more?', *Environmental Disease*, 5, 2 (2020), 44 [B. Silke, S. Cournane, D. Byrne, R. Conway, D. O'Riordan]

Recent publications – Faculty of Health Sciences

- Collins, Daniel**, 'Early repatriation post-thrombectomy: a model of care which maximises the capacity of a stroke network to treat patients with large vessel ischaemic stroke', *Journal of Neurointerventional Surgery* (2020), <http://dx.doi.org/10.1136/neurintsurg-2019-015667> [E. Griffin, S. Murphy, M. Sheehan (...), D.R. Collins *et al.*]
- 'von Willebrand factor antigen, von Willebrand factor propeptide, and ADAMTS13 in carotid stenosis and their relationship with cerebral microemboli', *Thromb Haemost* (2020), <http://dx.doi.org/10.1055/s-0040-1715440> [S.J.X. Murphy, S.T. Lim, F. Hickey (...), D.R. Collins *et al.*]
- 'Profile of reticulated platelets in the early, subacute and late phases after transient ischemic attack or ischemic stroke', *Platelets*, 33, 1 (2022), 89-97 [S.T. Lim, W.O. Tobin, S.J.X. Murphy (...), D.R. Collins *et al.*]
- 'Incidence and predictors of early seizures in intracerebral haemorrhage and the effect of tranexamic acid', *European Stroke Journal* (2020), <http://dx.doi.org/10.1177/2396987320901391> [Z.K. Law, T.J. England, A.K. Mistry (...), D.R. Collins *et al.*]
- 'Outcomes in antiplatelet-associated intracerebral hemorrhage in the TICH-2 randomized controlled trial', *Journal of the American Heart Association* (2021), <http://dx.doi.org/10.1161/jaha.120.019130> [Z.K. Law, M. Desborough, I. Roberts (...), D.R. Collins *et al.*]
- 'Anticoagulant selection in relation to the SAME-TT₂R₂ score in patients with atrial fibrillation: the GLORIA-AF registry', *Hellenic Journal of Cardiology: HJC=Hellenike Kardiologike Epitheorese* (2020), <http://dx.doi.org/10.1016/j.hjc.2020.11.009> [G. Ntaios, M.V. Huisman, H.C. Diener (...), B. Olshansky, GLORIA-AF Investigators]
- 'Relationship between nitrate headache and outcome in patients with acute stroke: results from the efficacy of nitric oxide in stroke (ENOS) trial', *Stroke and Vascular Neurology* (2020), <http://dx.doi.org/10.1136/svn-2020-000498> [L. Beishon, L.J. Woodhouse, D. Bereczki (...), D.R. Collins *et al.*]
- 'A structured literature review and international consensus validation of FORTA labels of oral anticoagulants for long-term treatment of atrial fibrillation in older patients (OAC-FORTA 2019).', *Drugs and Aging* (2020), <http://dx.doi.org/10.1007/s40266-020-00771-0> [F. Pazan, R. Collins, V.M. Gil (...), F.W.A. Verheugt, M. Wehling]
- 'Atrial fibrillation and anticoagulation in the nursing home setting', *Ir Med J*, 114, 2 (2021), P257 [P. Murray, R. Collins, D. O'Neill]
- Donoghue, Orna**, 'Understanding the aetiology of fear of falling from the perspective of a fear-avoidance model - a narrative review', *Clinical Psychology Review*, 79 (2020), 101862 [G. Peeters, M. Bennett, O.A. Donoghue, S. Kennelly, R.A. Kenny]
- 'Translating frailty assessment methodologies and research-based evidence to clinical education and practice', *Journal of Aging and Social Policy* (2020), 1-15 [O.A. Donoghue, M. O'Shea, C.A. McGarrigle (...), D. O'Shea, R.A. Kenny]
- 'Longitudinal associations between gait, falls and disability in community-dwelling older adults with type II diabetes mellitus: findings from the Irish Longitudinal Study on Ageing (TILDA)', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2020), <http://dx.doi.org/10.1093/gerona/glaa263> [O.A. Donoghue, S. Leahy, R.A. Kenny]
- Harbison, Joseph**, 'Cohort profile: BIOVASC-late, a prospective multicentred study of imaging and blood biomarkers of carotid plaque inflammation and risk of late vascular recurrence after non-severe stroke in Ireland', *BMJ Open*, 10, 7 (2020), e038607 [J.J. McCabe, N. Giannotti, J. McNulty (...), J. Harbison *et al.*]
- 'Is there an association between orthostatic hypotension and cerebral white matter hyperintensities in older people? The Irish Longitudinal Study on Ageing', *JRSM Cardiovascular Disease*, 9 (2020), 2048004020954628 [A. Buckley, D. Carey, J.M. Meaney, R. Kenny, J. Harbison]

Recent publications – Faculty of Health Sciences

- 'EXPRESS: inflammatory cytokines, high sensitivity CRP, and risk of 1-year vascular events, death and poor functional outcome after stroke and TIA', *International Journal of Stroke: Official Journal of the International Stroke Society* (2021), 1747493021995595 [S.A. Coveney, S. Murphy, O. Belton (...), J. Harbison *et al.*]
- 'Progressive resistance training in a post-acute, older, inpatient setting: a randomised controlled feasibility study', *Journal of Frailty, Sarcopenia and Falls*, 6, 1 (2021), 14 [S. Coleman, C. Cunningham, N. Murphy (...), J. Harbison, N.F. Horgan]
- 'The association between increasing oral anticoagulant prescribing and atrial fibrillation related stroke in Ireland', *British Journal of Clinical Pharmacology* (2021), <https://doi.org/10.1111/bcp.14938> [C. Kennedy, A. Gabr, J. McCormack, R. Collins, M. Barry, J. Harbison]
- 'Carotid plaque inflammation imaged by PET and prediction of recurrent stroke at 5 years', *Neurology*, 97, 23 (2021), e2282-e2291 [J.J. McCabe, P. Camps-Renom, N. Giannotti (...), J. Harbison *et al.*]
- 'Dose-dependent association of inflammatory cytokines with carotid atherosclerosis in transient ischaemic attack: implications for clinical trials', *Cerebrovascular Diseases (Basel, Switzerland)* (2021), 1-10 [S. Coveney, J.J. McCabe, S. Murphy (...), J. Harbison *et al.*]
- 'Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy', *Lancet (London, England)*, 398, 10305 (2021), 1065-1073 [A. Halliday, R. Bulbulia, L.H. Bonati (...), H. Pan]
- Hayden, Derek**, 'Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies', *Lancet Neurol.* 20, (4) 294-30 (2021), [http://dx.doi.org/10.1016/S14744422\(21\)00024-7](http://dx.doi.org/10.1016/S14744422(21)00024-7) [J.G. Best, G. Ambler, D. Wilson, K.J. Lee (...), D. Heyden *et al.*]
- Hernández, Belinda**, 'Functional analysis of continuous, high-resolution measures in ageing research: a demonstration using cerebral oxygenation data from the Irish Longitudinal Study on Ageing', *Frontiers in Human Neuroscience, Section Cognitive Neuroscience*, 14, 261 (2020), <http://hdl.handle.net/2262/94686> [J.D. O'Connor, M.D. O'Connell, R. Romero-Ortuno (...), B. Hernandez *et al.*]
- 'GrimAge outperforms other epigenetic clocks in the prediction of age-related clinical phenotypes and all-cause mortality', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2020), <http://dx.doi.org/10.1093/gerona/glaa286> [C. McCrory, G. Fiorito, B. Hernandez (...), P. Vineis, R.A. Kenny]
- 'Transitions in frailty phenotype states and components over 8 years: evidence from the Irish Longitudinal Study on Ageing', *Archives of Gerontology and Geriatrics* (2021), <http://hdl.handle.net/2262/95910> [R. Romero-Ortuno, P. Hartley, J. Davis (...), B. Hernandez *et al.*]
- 'Multiplexed measurement of candidate blood protein biomarkers of heart failure', *ESC Heart Failure* (2021), <https://doi.org/10.1002/ehf2.13320> [C. Tonry, K. McDonald, M. Ledwidge (...), B. Hernandez *et al.*]
- 'Discussion: Bayesian regression tree models for causal inference: regularization, confounding and heterogeneous effects', *Bayesian Analysis*, 15, 3 (2020), 955-1056 [E.B. Prado, E. O'Neill, B. Hernandez, A.C. Parnell, R.A. Mora]
- 'Clinical clustering of eight orthostatic haemodynamic patterns in the Irish Longitudinal Study on Ageing (TILDA)', *Age and Ageing* (2020), <http://hdl.handle.net/2262/92920> [D. Moloney, J. O'Connor, L. Newman, S. Scarlett, B. Hernandez, R.A. Kenny, R. Romero-Ortuno]
- Karaali, Ali**, 'Deep multi-scale feature learning for defocus blur estimation', *IEEE Transactions on Image Processing* (2022), <https://doi.org/10.1109/TIP.2021.3139243> [A. Karaali, N. Harte, C.R. Jung]

Recent publications – Faculty of Health Sciences

'CoGANs for unsupervised visual speech adaptation to new speakers', *IEEE international conference on acoustics, speech and signal processing*, Barcelona, Spain (2020), <https://doi.org/10.1109/ICASSP40776.2020.9053299> [A. Fernandez-Lopez, A. Karaali, N. Harte, F.M. Sukno]

Kennelly, Sean, 'Sedative load in community-dwelling older adults with mild-moderate Alzheimer's disease: longitudinal relationships with adverse events, delirium and falls', *Drugs and Aging* (2020), <https://doi.org/10.1007/s40266-020-00800-y> [A.H. Dyer, C. Murphy, B. Lawlor, S.P. Kennelly]

'Potentially inappropriate medication use in older adults with mild-moderate Alzheimer's disease: prevalence and associations with adverse events', *Age and Ageing* (2020), <http://hdl.handle.net/2262/96244> [C. Murphy, A.H. Dyer, B. Lawlor, S.P. Kennelly]

'Frequency and intensity of medical interventions in a nursing home during covid-19 pandemic', *Ir Med J*, 114, 3 (2021), P301 [P. Doyle, D.J. Ryan, S. Kennelly, D. O'Neill]

'Responding to responsive behaviour in Alzheimer's disease', *Lancet*, 398, 10303 (2021), 842 [D. O'Neill, S. Kennelly]

'Personal Electronic Records of Medications (PERMs) for medication reconciliation at care transitions: a rapid realist review', *BMC Medical Informatics and Decision Making*, 21, 307 (2021), 1-17 [C. Waldron, J. Cahill, S. Cromie (...), S. Kennelly *et al.*]

'Previous SARS-CoV-2 infection, age, and frailty are associated with 6-month vaccine-induced anti-spike antibody titer in nursing home residents', *Journal of the American Medical Directors Association* (2022), <https://doi.org/10.1016/j.jamda.2021.12.001> [A.H. Dyer, C. Noonan, M. McElheron (...), N.M. Bourke, S.P. Kennelly]

Kenny, Rose, 'Social capital and quality of life among urban and rural older adults. Quantitative findings from the Irish Longitudinal Study on Ageing', *Applied Research in Quality of Life* (2020), <https://doi.org/10.1007/s11482-020-09820-7> [M. Ward, C. McGarrigle, D. Carey, R.A. Kenny]

'Life-course social class is associated with later-life diabetes prevalence in women: evidence from the Irish Longitudinal Study on Ageing', *Longitudinal and Life Course Studies* (2020), <http://dx.doi.org/10.1332/175795920X15786655004305> [S. Leahy, M. Canney, S. Scarlett, R.A. Kenny, C. McCrory]

'Potentially inappropriate medication use in older adults with mild-moderate Alzheimer's disease: prevalence and associations with adverse events', *Age and Ageing* (2020), <http://hdl.handle.net/2262/96244> [C. Murphy, A.H. Dyer, B. Lawlor, S.P. Kennelly]

'Mini-mental state examination trajectories after age 50 by religious affiliation and practice in Ireland', *European Journal of Ageing* (2021), <http://dx.doi.org/10.1007/s10433-020-00597-0> [J. Orr, M. Ward, R.A. Kenny, C.A. McGarrigle]

'Transitions in frailty phenotype states and components over 8 years: evidence from the Irish Longitudinal Study on Ageing', *Archives of Gerontology and Geriatrics* (2021), <http://hdl.handle.net/2262/95910> [R. Romero-Ortuno, P. Hartley, J. Davis (...), R.A. Kenny, A.M. O'Halloran]

'Hemodynamic and structural brain measures in high and low sedentary older adults', *Journal of Cerebral Blood Flow and Metabolism* (2021), 0271678X2110093 [C.M. Maasackers, D.H.J. Thijssen, S.P. Knight (...), R.A. Kenny *et al.*]

'Delayed blood pressure recovery after standing independently predicts fracture in community-dwelling older people', *Journal of the American Medical Directors Association* (2021), <http://dx.doi.org/10.1016/j.jamda.2020.12.031> [K. Doyle, A. Lavan, R.A. Kenny, R. Briggs]

'Urban and rural environments differentially shape multisensory perception in ageing', *Ageing, Neuropsychology, and Cognition* (2021), <http://hdl.handle.net/2262/96231> [R.J. Hirst, M. Cassarino, R.A. Kenny, F.N. Newell, A. Setti]

'Gray matter volume in the right angular gyrus is associated with differential patterns of multisensory integration with aging', *Neurobiology of Aging*, 100 (2021), 83-90 [R.J. Hirst, R. Whelan, R. Boyle (...), R.A. Kenny *et al.*]

Recent publications – Faculty of Health Sciences

'Perspective: vitamin D supplementation prevents rickets and acute respiratory infections when given as daily maintenance but not as intermittent bolus: implications for covid-19', *Clinical Medicine, Journal of the Royal College of Physicians of London*, 21, 2 (2021), E144-E149 [G. Griffin, M. Hewison, J. Hopkin (...), R.A. Kenny *et al.*]

'Response: Impact of a specialist service in the emergency department on admission, length of stay and readmission of patients presenting with falls, syncope and dizziness', *QJM*, 114, 1 (2021), 78-79 [K. Jusmanova, C. Rice, R. Bourke (...), R.A. Kenny, R. Briggs]

'Vasovagal syncope', *JAMA Internal Medicine* (2021), <http://dx.doi.org/10.1001/jamainternmed.2020.9151> [D. Moloney, R. Romero-Ortuno, R.A. Kenny]

'Indoor particulate air pollution from open fires and the cognitive function of older people', *Environmental Research*, 192, 110298 (2021), <http://dx.doi.org/10.1016/j.envres.2020.110298> [B.A. Maher, V. O'Sullivan, J. Feeney, T. Gonet, R.A. Kenny]

'Fatigue following covid-19 infection is not associated with autonomic dysfunction', *PLoS ONE*, 16, 2 February 2021 (2021), <http://dx.doi.org/10.1371/journal.pone.0247280> [L. Townsend, D. Moloney, C. Finucane (...), C. Bannan, R.A. Kenny]

'Hair glucocorticoids and resting-state frontal lobe oxygenation: findings from the Irish Longitudinal Study on Ageing', *Psychoneuroendocrinology*, 125, 105107 (2021), <http://dx.doi.org/10.1016/j.psyneuen.2020.105107> [J. Feeney, L. Newman, R.A. Kenny]

'Authors E. Laird *et al.* comment on response to their article entitled: 'Vitamin D and inflammation - potential implications for severity of covid-19'', *Irish Medical Journal*, 113, 6 (2020), 114 [E. Laird, J. Rhodes, R.A. Kenny]

'A high prevalence of vitamin D deficiency observed in an Irish southeast Asian population: a cross-sectional observation study', *Nutrients*, 12, 12 (2020), 1-9 [E. Laird, J.B. Walsh, S. Lanham-New (...), R.A. Kenny *et al.*]

'Vitamin D and covid-19: evidence and recommendations for supplementation', *Royal Society Open Science*, 7, 12 (2020), <http://dx.doi.org/10.1098/rsos.201912rsos201912> [G. Griffin, M. Hewison, J. Hopkin (...), R.A. Kenny *et al.*]

'An investigation of antihypertensive class, dementia, and cognitive decline: a meta-analysis', *Neurology*, 94, 3 (2020), 1-15 [R. Peters, S. Yasar, C.S. Anderson (...), J. Warwick, K.J. Anstey]

'Cognitive decline associated with anticholinergics, benzodiazepines and Z-drugs: findings from the Irish Longitudinal Study on Ageing (TILDA)', *British Journal of Clinical Pharmacology* (2020), <http://dx.doi.org/10.1111/bcp.14687> [F. Moriarty, G.M. Savva, C.M. Grossi (...), R.A. Kenny, K. Richardson]

'The association between hair cortisol, hair cortisone, and cognitive function in a population-based cohort of older adults: results from the Irish Longitudinal Study on Ageing', *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 75, 2 (2020), 257-265 [J.C. Feeney, A.M. O'Halloran, R.A. Kenny]

'Orthostatic hypotension, cardiovascular outcomes, and adverse events: results from SPRINT', *Hypertension* (2020), 660-667 [S.P. Juraschek, A.A. Taylor, J.T. Wright (...), R.A. Kenny *et al.*]

'Eight orthostatic haemodynamic patterns in the Irish Longitudinal Study on Ageing (TILDA): stability and clinical associations after 4 years', *Geriatrics* (2021), <http://hdl.handle.net/2262/96295> [D. Moloney, S.P. Knight, L. Newman, R.A. Kenny, R. Romero-Ortuno]

'Clinical clustering of eight orthostatic haemodynamic patterns in the Irish Longitudinal Study on Ageing (TILDA)', *Age and Ageing* (2020), <http://hdl.handle.net/2262/92920> [D. Moloney, J. O'Connor, L. Newman, S. Scarlett, B. Hernandez, R.A. Kenny, R. Romero-Ortuno]

'Clustering of behavioural symptoms and their associations with cognitive decline in older adults', *JAMDA: Journal of the American Medical Directors Association* (2020), <http://hdl.handle.net/2262/92745> [G. Peeters, R. Romero-Ortuno, B. Lawlor, R.A. Kenny, J. McHugh Power]

Recent publications – Faculty of Health Sciences

- 'Negative aging perceptions and cognitive and functional decline: are you as old as you feel?', *Journal of the American Geriatrics Society* (2021), <http://dx.doi.org/10.1111/jgs.17561> [C.A. McGarrigle, M. Ward, R.A. Kenny]
- 'Public health insurance and mortality in the older population: evidence from the Irish Longitudinal Study on Ageing', *Health Policy* (2022), <http://dx.doi.org/10.1016/j.healthpol.2022.01.014> [A. Nolan, P. May, S. Matthews, C. Normand, R.A. Kenny, M. Ward]
- Knight, Silvin*, 'Transitions in frailty phenotype states and components over 8 years: evidence from the Irish Longitudinal Study on Ageing', *Archives of Gerontology and Geriatrics* (2021), <http://hdl.handle.net/2262/95910> [R. Romero-Ortuno, P. Hartley, J. Davis (...), S.P. Knight *et al.*]
- 'Hemodynamic and structural brain measures in high and low sedentary older adults', *Journal of Cerebral Blood Flow and Metabolism* (2021), 0271678X2110093 [C.M. Maasackers, D.H.J. Thijssen, (...), S.P. Knight *et al.*]
- 'The association between generalized anxiety disorder and resting-state prefrontal cortex oxygenation is modified by self-reported physical activity: results from the Irish Longitudinal Study on Ageing', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2021), <http://dx.doi.org/10.1093/gerona/glab090> [C.P. McDowell, L. Newman, D.C. Monroe, J.D. O'Connor (...), S.P. Knight *et al.*]
- 'Obesity is associated with reduced cerebral blood flow - modified by physical activity', *Neurobiology of Aging* (2021), <https://doi.org/10.1016/j.neurobiolaging.2021.04.008> [S.P. Knight, E. Laird, W. Williamson (...), J.F. Meaney, R.A. Kenny]
- 'Eight orthostatic haemodynamic patterns in the Irish Longitudinal Study on Ageing (TILDA): stability and clinical associations after 4 years', *Geriatrics* (2021), <http://hdl.handle.net/2262/96295> [D. Moloney, S.P. Knight, L. Newman, R.A. Kenny, R. Romero-Ortuno]
- 'Verbal intelligence is a more robust cross-sectional measure of cognitive reserve than level of education in healthy older adults', *Alzheimer's Research and Therapy*, 13, 1 (2021), 128 [R. Boyle, S.P. Knight, C. De Looze (...), R.A. Kenny, R. Whelan]
- 'Impaired stabilisation of orthostatic cerebral oxygenation is associated with slower gait speed: evidence from the Irish Longitudinal Study on Ageing', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2021), <http://dx.doi.org/10.1093/gerona/glab219> [J.D. O'Connor, M.D.L. O'Connell, S.P. Knight, L. Newman, O.A. Donoghue, R.A. Kenny]
- 'The importance of age in the prediction of mortality by a frailty index: a machine learning approach in the Irish Longitudinal Study on Ageing', *Geriatrics*, 6, 3 (2021), <http://hdl.handle.net/2262/96967> [S. Moguilner, S.P. Knight, J.R.C. Davis, A.M. O'Halloran, R.A. Kenny, R. Romero-Ortuno]
- 'SART and individual trial mistake thresholds: predictive model for mobility decline', *Geriatrics* (2021), <http://hdl.handle.net/2262/97033> [R. Rizzo, S.P. Knight, J. Davis (...), R.A. Kenny, R. Romero-Ortuno]
- 'Associations between cardiovascular signal entropy and cognitive performance over eight years', *Entropy* (2021), <http://hdl.handle.net/2262/97331> [S.P. Knight, L. Newman, S. Scarlett R.A. Kenny, R. Romero-Ortuno]
- 'Sleep duration, sleep problems and perceived stress are associated with hippocampal subfield volumes in later life: findings from the Irish Longitudinal Study on Ageing (TILDA)', *Sleep* (2021), <http://dx.doi.org/10.1093/sleep/zsab241> [C. De Looze, J.C. Feeney, S. Scarlett (...), S.P. Knight *et al.*]
- 'Comparison of gait speed reserve, usual gait speed, and maximum gait speed of adults aged 50+ in Ireland using explainable machine learning', *Frontiers in Network Physiology: Networks in Aging and Frailty* (2021), <http://hdl.handle.net/2262/97515> [J.R. Davis, S.P. Knight, O.A. Donoghue, B. Hernández, R. Rizzo, R.A. Kenny, R. Romero-Ortuno]

Recent publications – Faculty of Health Sciences

Lavan, Amanda, 'Impact of a specialist service in the emergency department on admission, length of stay and readmission of patients presenting with falls', *AJM - Monthly Journal of the Associations of Physicians*, 114, 1 (2021), 32-38 [K. Jusmanova, C. Rice, R. Bourke (...), A.H. Lavan et al.]

'Interventions to optimise medication prescribing and adherence in older people with cancer: a systematic scoping review', *Research in Social and Administrative Pharmacy*, 16, 12 (2020), 1627-1631 [M. Murphy, K. Bennett, C.M. Hughes, A.H. Lavan, C.A. Cadogan]

McCarroll, Kevin, 'Physical and mental health of older people while cocooning during the covid-19 pandemic', *QJM* (2021), <http://hdl.handle.net/2262/94775> [L. Bailey, M. Ward, A. DiCosimo (...), K. McCarroll et al.]

'Bones of contention: a comprehensive literature review of non-SSRI antidepressant use and bone health', *Journal of Geriatric Psychiatry and Neurology*, 33, 6 (2020), 340-352 [C. Power, R. Duffy, J. Mahon, K. McCarroll, B.A. Lawlor]

'Geomapping vitamin D status in a large city and surrounding population - exploring the impact of location and demographics', *Nutrients*, 12, 9 (2020), 2663 [H. Scully, E. Laird, V. Crowley, M. Healy, J.B. Walsh, K. McCarroll]

'Calcaneal quantitative ultrasound has a role in ruling out low bone density in axial spondyloarthritis', *Clinical Rheumatology* (2020), 1-9 [G.E. Fitzgerald, T. Anachebe, K.G. McCarroll, F. O'Shea]

'Measuring bone density in axial spondyloarthritis', *International Journal of Rheumatic Diseases*, 23, 3 (2020), 358-366 [G. Fitzgerald, T. Anachebe, K. McCarroll, F. O'Shea]

'Vitamin D and hospital admission in older adults: a prospective association', *Nutrients*, 13, 2 (2021), 616 [A. Beirne, K. McCarroll, J.B. Walsh (...), S. Strain, C. Cunningham]

'Phenyl-γ-valerolactones and healthy ageing: linking dietary factors, nutrient biomarkers, metabolic status and inflammation with cognition in older adults (the VALID project)', *Nutrition Bulletin*, 46, 4 (2020), 415-423 [D. Angelino, A. Caffrey, K. Moore (...), K. McCarroll et al.]

'Impact of the common MTHFR 677C→T polymorphism on blood pressure in adulthood and role of riboflavin in modifying the genetic risk of hypertension: evidence from the JINGO project', *BMC medicine*, 18, 1 (2020), 1-11 [M. Ward, C.F. Hughes, J.J. Strain (...), K. McCarroll et al.]

'A prospective cohort of patient characteristics, bone health measures and clinical outcomes following low trauma wrist fracture', *Journal of Bone Mineral Research, American Society of Bone Mineral Research*, Seattle, Washington, USA (2020), S1-S349 [M. Rafferty, J.B. Walsh, K. McCarroll]

'Clinical characteristics of patients attending a bone health unit in Ireland', *Journal of Bone and Mineral Research, American Society of Bone and Mineral Research*, Seattle, Washington, USA (2020), S1-S349 [N. Rafferty, N. Fallon, G. Steen (...), J.B. Walsh, K. McCarroll]

'Vitamin D deficiency in an older, northern population - the perfect storm on the horizon?', *Proceedings of Nutrition Society* (2020), <https://doi.org/10.1017/S002966512000628X> [H. Scully, E. Laird, M. Healy, K. McCarroll, J.B. Walsh]

'Long-term anticholinergic, benzodiazepine and Z-drug use in community-dwelling older adults: what is the impact on cognitive and neuropsychological performance?', *International Journal of Geriatric Psychiatry* (2021), 10.1002/gps.5598 [A.H. Dyer, E. Laird, L. Hoey (...), C. Cunningham, K. McCarroll]

'Vitamin D retesting by general practitioners: a factor and cost analysis', *Clinical Chemistry and Laboratory Medicine* (2021), <https://doi.org/10.1515/cclm-2021-0607> [H. Scully, E. Laird, M. Healy, V. Crowley, J.B. Walsh, K. McCarroll]

'Glycated haemoglobin (HbA1c), diabetes and neuropsychological performance in community-dwelling older adults', *Diabetic Medicine* (2021), <http://dx.doi.org/10.1111/dme.14668> [A.H. Dyer, R. Briggs, E. Laird (...), C. Cunningham, K. McCarroll]

Recent publications – Faculty of Health Sciences

- McCrorry, Cathal**, 'Critiquing a study or a paradigm?: in response to: The promise of allostatic load rests upon strategic operationalization, scoring, and targeted interventions', *Psychoneuroendocrinology*, 123 (2021), 104881 [S. McLoughlin, R.A. Kenny, C. McCrorry]
- 'GrimAge outperforms other epigenetic clocks in the prediction of age-related clinical phenotypes and all-cause mortality', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2020), <http://dx.doi.org/10.1093/geron/glaa286> [C. McCrorry, G. Fiorito, B. Hernandez (...), P. Vineis, R.A. Kenny]
- 'Life-course socioeconomic disadvantage and lung function: a multicohort study of 70-496 individuals', *The European Respiratory Journal*, 57, 3 (2021), <http://dx.doi.org/10.1183/13993003.01600-2020> [V. Rocha, S. Fraga, C. Moreira (...), S. Stringhini]
- 'Psychosocial adversity and allostatic load burden in midlife and older ages', *Health Psychology: Official Journal of the Division of Health Psychology, American Psychological Association*, 40, 7 (2021), 468-471 [S. McLoughlin, R.A. Kenny, C. McCrorry]
- 'Patterning of educational attainment across inflammatory markers: findings from a multi-cohort study', *Brain, Behavior, and Immunity*, 90 (2020), 303-310 [M. Maurel, R. Castagné, E. Berger (...), C. McCrorry *et al.*]
- 'Comparisons of disease cluster patterns, prevalence and health factors in the USA, Canada, England and Ireland', *BMC Public Health*, 21, 1 (2021), 1674 [B. Hernández, S. Voll, N.A. Lewis (...), C. McCrorry *et al.*]
- 'Early life adversity and age acceleration at mid-life and older ages indexed using the next-generation GrimAge and Pace of Aging epigenetic clocks', *Psychoneuroendocrinology*, 137 (2021), 105643 [C. McCrorry, G. Fiorito, A.M. O'Halloran, S. Polidoro, P. Vineis, R.A. Kenny]
- 'The role of epigenetic clocks in explaining educational inequalities in mortality: a multi-cohort study and meta-analysis', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2022), <http://dx.doi.org/10.1093/geron/glac041> [G. Fiorito, S. Pedron, C. Ochoa-Rosales (...), C. McCrorry *et al.*]
- McGarrigle, Christine**, 'Mini-mental state examination trajectories after age 50 by religious affiliation and practice in Ireland', *European Journal of Ageing* (2021), <http://dx.doi.org/10.1007/s10433-020-00597-0> [J. Orr, M. Ward, R.A. Kenny, C.A. McGarrigle]
- 'Informing patterns of health and social care utilisation in Irish older people according to the clinical frailty scale', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13301.1> [A.M. O'Halloran, P. Hartley, D. Moloney, C. McGarrigle, R.A. Kenny, R. Romero-Ortuno]
- 'Negative aging perceptions and cognitive and functional decline: are you as old as you feel?', *Journal of the American Geriatrics Society* (2021), <http://dx.doi.org/10.1111/jgs.17561> [C.A. McGarrigle, M. Ward, R.A. Kenny]
- 'Low folate predicts accelerated cognitive decline: 8-year follow-up of 3140 older adults in Ireland', *European Journal of Clinical Nutrition* (2022), <http://dx.doi.org/10.1038/s41430-021-01057-3> [D.M.A. O'Connor, S. Scarlett, C. Looze (...), C.A. McGarrigle, R.A. Kenny]
- 'Study protocol for TILDA covid-19 survey. Altered lives in a time of crisis: preparing for recovery from the impact of the covid-19 pandemic on the lives of older adults', *HRB Open Research*, 4:51 (2021), <https://doi.org/10.12688/hrbopenres.13248.1> [M. Ward, N. Clarke, M. Wang (...), C.A. McGarrigle *et al.*]
- 'Overuse and underuse of cardiovascular diagnostic and therapeutic procedures for community-dwelling adults: a protocol for a systematic review', *HRB Open Research*, 4:99 (2021), <https://doi.org/10.12688/hrbopenres.13330.1> [D. Quinn, D. Byrne, T. Fahey, R.A. Kenny, C.A. McGarrigle, E. Wallace, F. Bolland]
- Nolan, Anne**, 'Public health insurance and mortality in the older population: evidence from the Irish Longitudinal Study on Ageing', *Health Policy* (2022), <http://dx.doi.org/10.1016/j.healthpol.2022.01.014> [A. Nolan, P. May, S. Matthews, C. Normand, R.A. Kenny, M. Ward]

Recent publications – Faculty of Health Sciences

- O'Neill, Desmond, 'Frequency and intensity of medical interventions in a nursing home during covid-19 pandemic', *Ir Med J*, 114, 3 (2021), P301 [P. Doyle, D.J. Ryan, S. Kennelly, D. O'Neill]
- 'Driving Miss Daisy', *J Amer Geriatr Soc* (2021), <https://doi.org/10.1111/jgs.17111> [A. Fallon, D. O'Neill]
- 'Insights from an early stage development mixed methods study on arts-based interventions for older adults following hospitalisation', *Complement Ther Med*. (2021), <http://dx.doi.org/10.1016/j.ctim.2021.102745> [A.M. Clifford, J. Shanahan, H. Moss (...), D. O'Neill et al.]
- 'Clues about ageing in *The Thursday Murder Club*', *European Geriatric Medicine* (2021), <https://doi.org/10.1007/s41999-021-00526-z> [E. Murphy, D. O'Neill]
- 'The problem trainer', *Ir Med J*, 114, 6 (2021), P374 [D. O'Neill]
- 'Upper age limits for convalescent plasma donation and treatment of covid-19 patients: a further marker of ageism', *Transfusion* (2021), <http://dx.doi.org/10.1111/trf.16581> [M. Fedecostante, D. O'Neill, F. Pierri, B. Carrieri, F. Lattanzio, A. Cherubini]
- 'Responding to responsive behaviour in Alzheimer's disease', *Lancet*, 398, 10303 (2021), 842 [D. O'Neill, S. Kennelly]
- 'Availability and use of assistive listening devices with older patients', *Ir Med J*, 114 (2021), P749 [H. Smyth, A. O'Connor, S. O'Connor, D. O'Neill]
- 'Dementia inclusive group singing online during covid-19: a qualitative exploration', *Nordic Journal of Music Therapy* (2021), <http://dx.doi.org/10.1080/08098131.2021.1963315> [S. Lee, D. O'Neill, H. Moss]
- 'Atrial fibrillation and anticoagulation in the nursing home setting', *Ir Med J*, 114, 2 (2021), P257 [P. Murray, R. Collins, D. O'Neill]
- 'An international review of motor vehicle collision risk with medical conditions in older adults', *Innovation in Aging*, 5, 1 (2021), 877-878 [M. Rapoport, J. Wood, J. Dow, D. O'Neill, J. Charlton, S. Koppel]
- 'Listening to illness: hearing gout through music', *BMJ*, 375 (2021), n068240 [D. O'Neill]
- 'Reminiscence groupwork and autobiographical memory as part of meaningful activities', *Groupwork*, 30, 1 (2021), 67-77 [A. Allen, M. Tully, D. O'Neill, R. Roche]
- 'What is the motor vehicle crash risk for drivers with epilepsy? A systematic review', *J Transport Health*, 23 (2021), 101286 [S. Koppel, M. Di Stefano, B. Dimech-Betancourt (...), D. O'Neill, J.L. Charlton]
- 'Management of post-acute covid-19 patients in geriatric rehabilitation: EuGMS guidance', *Eur Geriatr Med* (2021), 1-14 [J.C.M. van Haastregt, I.H.J. Everink, J. Schols (...), D. O'Neill et al.]
- 'Together in song: designing a singing for health group intervention for older people living in the community', *Nordic Journal of Music Therapy* (2021), <https://doi.org/10.1080/08098131.2021.2004613> [H. Moss, S. Lee, A.M. Clifford, O. Ní Bhriain, D. O'Neill]
- 'Previous SARS-CoV-2 infection, age, and frailty are associated with 6-month vaccine-induced anti-spike antibody titer in nursing home residents', *Journal of the American Medical Directors Association* (2022), <https://doi.org/10.1016/j.jamda.2021.12.001> [A.H. Dyer, C. Noonan, M. McElheron (...), N. O'Neill et al.]
- 'Clinical outcome of patients with mild pre-stroke morbidity following endovascular treatment: a HERMES substudy', *J Neurointerv Surg* (2022), <http://dx.doi.org/10.1136/neurintsurg-2021-018428> [R.V. McDonough, J.M. Ospel, C.B.L.M. Majoie (...), F. Guillemin, M. Goyal]
- Robinson, David, 'Family members' attitudes towards telling the patient with Alzheimer's disease their diagnosis: a 20-year repeat study', *European Geriatric Medicine* (2021), <http://dx.doi.org/10.1007/s41999-021-00464-w> [M.M.C. O'Brien, O. Hannigan, C. Power, B. Lawlor, D. Robinson]
- 'Progressive resistance training in a post-acute, older, inpatient setting: a randomised controlled feasibility study', *Journal of Frailty, Sarcopenia and Falls*, 6, 1 (2021), 14 [S. Coleman, C. Cunningham, N. Murphy (...), D. Robinson et al.]

Recent publications – Faculty of Health Sciences

- Romero-Ortuno, Roman, 'Transitions in frailty phenotype states and components over 8 years: evidence from the Irish Longitudinal Study on Ageing', *Archives of Gerontology and Geriatrics* (2021), <http://hdl.handle.net/2262/95910> [R. Romero-Ortuno, P. Hartley, J. Davis (...), R.A. Kenny, A.M. O'Halloran]
- 'Vasovagal syncope', *JAMA Internal Medicine* (2021), <http://dx.doi.org/10.1001/jamainternmed.2020.9151> [D. Moloney, R. Romero-Ortuno, R.A. Kenny]
- 'Association between gait speed and the SHARE frailty instrument in a falls and syncope clinic', *European Geriatric Medicine* (2021), <https://doi.org/10.1007/s41999-021-00509-0> [P.J. O'Donoghue, P. Claffey, C. Rice (...), R.A. Kenny, R. Romero-Ortuno]
- 'Using accelerometers in the assessment of sarcopenia in older adults attending a day hospital service in Ireland', *Journal of Frailty, Sarcopenia and Falls* (2021), <https://doi.org/10.22540/jfsf-06-098> [K. Connolly, C. Cunningham, N. Murphy, R. Romero-Ortuno, F. Horgan]
- 'Informing patterns of health and social care utilisation in Irish older people according to the clinical frailty scale', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13301.1> [A.M. O'Halloran, P. Hartley, D. Moloney, C. McGarrigle, R.A. Kenny, R. Romero-Ortuno]
- 'The Syncope-Falls Index (SYFI): A tool for predicting risk of syncope and complex falls in the older adult based on cumulative health deficits', *QJM* (2021), <http://hdl.handle.net/2262/96409> [N. Fitzpatrick, R. Romero-Ortuno]
- 'Factors associated with the progression of deficit accumulation frailty among adults with an intellectual disability: a systematic review revealing research gaps', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13257.1> [B. Dee, E. Burke, R. Romero-Ortuno, P. McCallion, M. McCarron]
- 'Frailty', *Chans Practical Geriatrics 4e*, eds C.D.Y Yin, Brookvale, N.S.W., BA Printing Services (2021), <https://www.bookshop.unsw.edu.au/details.cgi?ITEMNO=97800646465968> [R. Romero-Ortuno]
- 'Metformin therapy and severity and mortality of SARS-CoV-2 infection: a meta-analysis', *Clinical Diabetology* (2021), <http://hdl.handle.net/2262/96491> [T.J. Oscanoa, J. Amado, X. Vidal, A. Savarino, R. Romero-Ortuno]
- 'Supine hypertension is associated with an impaired cerebral oxygenation response to orthostasis: findings from the Irish Longitudinal Study on Ageing (TILDA)', *Hypertension* (2021), <https://doi.org/10.1161/HYPERTENSIONAHA.121.17111> [L. Newman, J.D. O'Connor, R. Romero-Ortuno, R.B. Reilly, R.A. Kenny]
- 'A mixed-methods feasibility study of a sit-to-stand based exercise programme to maintain knee-extension muscle strength for older patients during hospitalisation', *Journal of Frailty, Sarcopenia and Falls* (2021), <http://hdl.handle.net/2262/96541> [P. Hartley, R. Romero-Ortuno, C. Deaton]
- 'Frailty index transitions over eight years were frequent in the Irish Longitudinal Study on Ageing', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13286.1> [R. Romero-Ortuno, P. Hartley, S.P. Knight, R.A. Kenny, A.M. O'Halloran]
- 'Nursing homes during the covid-19 pandemic: a scoping review of challenges and responses', *European Geriatric Medicine* (2021), <http://hdl.handle.net/2262/96581> [S. Giri, L. Minn Chenn, R. Romero-Ortuno]
- 'Eight orthostatic haemodynamic patterns in the Irish Longitudinal Study on Ageing (TILDA): stability and clinical associations after 4 years', *Geriatrics* (2021), <http://hdl.handle.net/2262/96295> [D. Moloney, S.P. Knight, L. Newman, R.A. Kenny, R. Romero-Ortuno]
- 'Severity and mortality of SARS-COV-2 infection and 25-hydroxyvitamin D concentration: a metanalysis', *Advances in Respiratory Medicine* (2021), <http://hdl.handle.net/2262/96144> [T.J. Oscanoa, X. Vidal, E. Laird (...), G.A. Martens, R. Romero-Ortuno]

Recent publications – Faculty of Health Sciences

'Prevalence of sarcopenia and associated factors in older adults attending a day hospital service in Ireland', *European Geriatric Medicine* (2021), <http://hdl.handle.net/2262/95631> [K. Connolly, C. Cunningham, N. Murphy, R. Romero-Ortuno, F. Horgan]

'Infection in dementia and delirium in frailty', *Nature Aging* (2021), <https://doi.org/10.1038/s43587-021-00031-9> [R. Romero-Ortuno]

'Emergency hospital admissions in older adults from residential and nursing homes: frequency, characteristics and outcomes', *The Journal of Nursing Home Research Sciences* (2020), <http://dx.doi.org/10.14283/jnhrs.2020.27> [V.L. Keevil, A. Liou, L. Van Der Poel, S. Wallis, R. Romero-Ortuno, R. Biram]

'Home FIRsT: interdisciplinary geriatric assessment and disposition outcomes in the emergency department', *European Journal of Internal Medicine* (2020), <http://hdl.handle.net/2262/94181> [I. O'Shaughnessy, R. Romero-Ortuno, L. Edge (...), F. Horgan, C. Cunningham]

'Lack of association between angiotensin-converting enzyme genotype and muscle strength in Peruvian older people', *Advances in Gerontology* (2020), <http://hdl.handle.net/2262/93385> [T.J. Oscanoa, E.C. Cieza, F.A. Lizaraso-Soto (...), F.M. Runzer-Colmenares, R. Romero-Ortuno]

'Clinical clustering of eight orthostatic haemodynamic patterns in The Irish Longitudinal Study on Ageing (TILDA)', *Age and Ageing* (2020), <http://hdl.handle.net/2262/92920> [D. Moloney, J. O'Connor, L. Newman (...), R.A. Kenny, R. Romero-Ortuno]

'Clustering of behavioural symptoms and their associations with cognitive decline in older adults', *JAMDA: Journal of the American Medical Directors Association* (2020), <http://hdl.handle.net/2262/92745> [G. Peeters, R. Romero-Ortuno, B. Lawlor, R.A. Kenny, J. McHugh Power]

'Changes in muscle strength and physical function in older patients during and after hospitalisation: a prospective repeated-measures cohort study', *Age and Ageing* (2020), <http://hdl.handle.net/2262/92706> [P. Hartley, R. Romero-Ortuno, I. Wellwood, C. Deaton]

'Network physiology in aging and frailty: the grand challenge of physiological reserve in older adults', *Frontiers in Network Physiology: Networks in Aging and Frailty* (2021), <http://hdl.handle.net/2262/96615> [R. Romero-Ortuño, N. Martínez-Velilla, R. Sutton (...), Á.M. Kelly, P. Ch. Ivanov]

'Involving older people in co-designing a primary-care intervention to reverse frailty and build resilience', *Family Practice* (2021), <http://hdl.handle.net/2262/96755> [J. Travers, R. Romero-Ortuno, É. Ní Shé, M-T. Cooney]

'Relationship between serum 25-hydroxyvitamin D concentration and acute inflammatory markers in hospitalized patients with SARS-CoV-2 infection: a systematic review', *Disaster and Emergency Medicine Journal* (2021), <http://hdl.handle.net/2262/96814> [T.J. Oscanoa, J. Amado, R.A. Ghashut, R. Romero-Ortuno]

'ACE gene I/D polymorphism and severity of SARS-CoV-2 infection in hospitalized patients: a metanalysis', *Arterial Hypertension* (2021), <http://hdl.handle.net/2262/96818> [T.J. Oscanoa, X.r Vidal, E. Coto, R. Romero-Ortuno]

'The importance of age in the prediction of mortality by a frailty index: a machine learning approach in the Irish Longitudinal Study on Ageing', *Geriatrics*, 6, 3 (2021), <http://hdl.handle.net/2262/96967> [S. Moguilner, S.P. Knight, J.R.C. Davis, A.M. O'Halloran, R.A. Kenny, R. Romero-Ortuno]

'SART and individual trial mistake thresholds: predictive model for mobility decline', *Geriatrics* (2021), <http://hdl.handle.net/2262/97033> [R. Rizzo, S.P. Knight, J. Davis, L. Newman, E. Duggan, R.A. Kenny, R. Romero-Ortuno]

'How can urban environments support dementia risk reduction? A qualitative study', *International Journal of Geriatric Psychiatry* (2021), <https://doi.org/10.1002/gps.5626> [S. Röhr, F. Rodriguez, R. Siemensmeyer, F. Müller, R. Romero-Ortuno, S.G. Riedel-Heller]

Recent publications – Faculty of Health Sciences

'Use of angiotensin II receptor blockers, angiotensin I-converting enzyme polymorphism and associations with memory performance in older people', *Advances in Gerontology* (2021), <https://doi.org/10.1134/S2079057021020107> [T.J. Oscanoa, E.C. Cieza, O. Grimaldo (...), R.M. Fujita, R. Romero-Ortuno]

'The relationship between radiological paraspinial lumbar measures and clinical measures of sarcopenia in older patients with chronic lower back pain', *Journal of Frailty, Sarcopenia and Falls* (2021), <http://hdl.handle.net/2262/97461> [D. Gibbons, J. McDonnell, D. Ahern (...), R. Roman Romero-Ortuno, J. Butler]

'Frail by different measures: a comparison of 8-year mortality in the Irish Longitudinal Study on Ageing (TILDA)', *European Geriatric Medicine* (2021), <http://hdl.handle.net/2262/97505> [R. Romero-Ortuno, P. Hartley, R.A. Kenny, A. O'Halloran]

'Comparison of gait speed reserve, usual gait speed, and maximum gait speed of adults aged 50+ in Ireland using explainable machine learning', *Frontiers in Network Physiology: Networks in Aging and Frailty* (2021), <http://hdl.handle.net/2262/97515> [J.R. Davis, S.P. Knight, O.A. Donoghue (...), R.A. Kenny, R. Romero-Ortuno]

'Early identification of frailty: developing an international Delphi consensus on pre-frailty', *Archives of Gerontology and Geriatrics* (2021), <https://doi.org/10.1016/j.archger.2021.104586> [D. Sezgin, M. O'Donovan, J. Woo (...), R. Romero-Ortuno *et al.*]

'A systematic review of persistent symptoms and residual abnormal functioning following acute covid-19: ongoing symptomatic phase vs. post-covid-19 syndrome', *Journal of Clinical Medicine* (2021), <http://hdl.handle.net/2262/97764> [G. Jennings, A. Monaghan, F. Xue, D. Mockler, R. Romero-Ortuño]

'A scoping review of the changing landscape of geriatric medicine in undergraduate medical education: curricula, topics and teaching methods', *European Geriatric Medicine* (2021), <http://hdl.handle.net/2262/97820> [T. Masud, G. Ogliari, E. Lunt (...), R. Romero-Ortuno *et al.*]

'Exploring bi-directional temporal associations between timed-up-and-go and cognitive domains in the Irish Longitudinal Study on Ageing (TILDA)', *Archives of Gerontology and Geriatrics* (2022), <http://hdl.handle.net/2262/97819> [P. Hartley, A. Monaghan, O.A. Donoghue, R.A. Kenny, R. Romero-Ortuno]

'Hospital-associated deconditioning: not only physical, but also cognitive', *International Journal of Geriatric Psychiatry* (2022), <http://hdl.handle.net/2262/98085> [Y. Chen, A. Almirall-Sanchez, D. Mockler, E. Adrion, C. Dominguez-Vivero, R. Romero-Ortuno]

'Atrial fibrillation and acceleration of frailty: findings from the Irish Longitudinal Study on Ageing (TILDA)', *Age and Ageing* (2021), <https://doi.org/10.1093/ageing/afab273> [G. Richard, A. O'Halloran, P. Doody, J. Harbison, R.A. Kenny, R. Romero-Ortuno]

'Do the frail experience more adverse events from intensive blood pressure control? A 2-year prospective study in the Irish Longitudinal Study on Ageing (TILDA)', *Lancet e-Clinical Medicine* (2022), <http://hdl.handle.net/2262/98142> [P. O'Donoghue, A. M. O'Halloran, R.A. Kenny, R. Romero-Ortuno]

'The giants of education in geriatric medicine and gerontology', *Age and Ageing* (2022), <http://hdl.handle.net/2262/98147> [R. Romero-Ortuno, A.E. Stuck, T. Masud]

'A novel methodology for the synchronous collection and multimodal visualization of continuous neurocardiovascular and neuromuscular physiological data in adults with long covid', *MDPI Sensors* (2022), <http://hdl.handle.net/2262/98174> [F. Xue, A. Monaghan, G. Jennings, L. Byrne, T. Foran, E. Duggan, R. Romero-Ortuno]

'Biomarker signatures of two phenotypical pre-frailty types in the Irish Longitudinal Study on Ageing', *Geriatrics (Basel)* (2022), <http://hdl.handle.net/2262/98178> [P. Piankova, R. Romero-Ortuno, A. M O'Halloran]

Recent publications – Faculty of Health Sciences

- 'Orthostatic intolerance in adults reporting long covid symptoms was not associated with postural orthostatic tachycardia syndrome', *Frontiers in Physiology-Autonomic Neuroscience* (2022), <http://hdl.handle.net/2262/98203> [A. Monaghan, G. Jennings, F. Xue, L. Byrne, E. Duggan, R. Romero-Ortuno]
- Walsh, James**, 'Men's bones matter too, a cross sectional study examining bone health among men with intellectual disability in Ireland', *OBM Geriatrics*, 5, 4 (2021), <http://hdl.handle.net/2262/97587> [E. Burke. R. Carroll, A.W. Ding (...), J.B. Walsh *et al.*]
- Ward, Mark**, 'Altered lives in a time of crisis: preparing for recovery from the impact of the covid-19 pandemic on the lives of older adults', *HRB Open Research*, 4, 51 (2021), <http://hdl.handle.net/2262/96401> [M. Ward, N. Clarke, M. Wang (...), A.M. O'Halloran, R.A. Kenny]
- 'Depressive symptoms among older adults pre- and post- covid-19 pandemic', *Journal of the American Medical Directors Association* (2021), <http://dx.doi.org/10.1016/j.jamda.2021.09.003> [R. Briggs, C. McDowell, C. De Looze, R.A. Kenny, M. Ward]
- 'A cross-sectional study of the relationship between delayed healthcare utilisation and chronic conditions among older adults during the covid-19 pandemic in Ireland', *HRB Open*, 4, 221 (2021), <http://dx.doi.org/10.12688/hrbopenres.13336.1> [N. Hennelly, G. Lalor, S. Gibney, R.A. Kenny, M. Ward]
- 'Public health insurance and mortality in the older population: evidence from the Irish Longitudinal Study on Ageing', *Health Policy* (2022), <http://dx.doi.org/10.1016/j.healthpol.2022.01.014> [A. Nolan, P. May, S. Matthews, C. Normand, R.A. Kenny, M. Ward]

OBSTETRICS AND GYNAECOLOGY

- Abu Saadeh, Feras**, 'A risk score for prediction of venous thromboembolism in gynecologic cancer: the Thrombogyn score', *Res Pract Thromb Haemost*, 4, 5 (2020), 848-859 [L.A. Norris, M.P. Ward, S.A. O'Toole (...), F. Abu Saadeh, N. Gleeson]
- 'HE4 and CA125 as preoperative risk stratifiers for lymph node metastasis in endometrioid carcinoma of the endometrium: a retrospective study in a cohort with histological proof of lymph node status', *Gynecologic Oncology* (2020), <http://dx.doi.org/10.1016/j.ygyno.2020.11.004> [S.A. O'Toole, Y. Huang, L. Norris (...), F. Abu Saadeh, N. Gleeson]
- 'Procoagulant activity in high grade serous ovarian cancer patients following neoadjuvant chemotherapy - the role of the activated protein C pathway', *Thrombosis Research*, 200 (2021), 91-98 [M.P. Ward, F. Abu Saadeh, S.A. O'Toole, J.J. O'Leary, N. Gleeson, L.A. Norris]
- 'Use of an artificial mammary implant in total pelvic exenteration', *International Journal of Gynecological Cancer: Official Journal of the International Gynecological Cancer Society* (2021), <http://dx.doi.org/10.1136/ijgc-2020-002304> [R.A. Farrell, P.J. Maguire, A. Freyne, S. Siddiki, F.A. Saadeh]
- 'Extended thromboprophylaxis post gynaecological cancer surgery; the effect of weight adjusted and fixed dose LMWH (tinzaparin)', *Thrombosis Research*, 207 (2021), 25-32 [F. Abu Saadeh, Z. Marchocki, S.A. O'Toole, N. Ibrahim, N. Gleeson, L.A. Norris]
- Beirne, James**, 'Liquid biopsy in ovarian cancer: catching the silent killer before it strikes', *World Journal of Clinical Oncology*, 11, 11 (2020), 868-889 [L. Feeney, I.J. Harley, W.G. McCluggage, P.B. Mullan, J.P. Beirne]
- 'Are trainees working in obstetrics and gynecology confident and competent in the care of frail gynecological oncology patients?', *International Journal of Gynecological Cancer: Official Journal of the International Gynecological Cancer Society*, 30, 12 (2020), 1959-1965 [G.L. Owens, V. Sivalingam, M. Abdelrahman, R. Bharathan, Y.L. Wan]
- Murphy, Deirdre**, 'Membrane sweeping for induction of labour', *The Cochrane Database of Systematic Reviews*, 2 (2020), CD000451 [E.M. Finucane, D.J. Murphy, L.M. Biesty (...), M. Boulvain, D. Devane]

Recent publications – Faculty of Health Sciences

'Assisted vaginal birth: green-top guideline no. 26', *BJOG: an International Journal of Obstetrics and Gynaecology*, 127, 9 (2020), e70-e112 [D.J. Murphy, B.K. Strachan, R. Bahl]

'Prospective cohort study of water immersion for labour and birth compared with standard care in an Irish maternity setting', *BMJ Open*, 10, 12 (2020), e038080 [P.L. Barry, L.E. McMahon, R.A. Banks, A.M. Fergus, D.J. Murphy]

'Authors' reply re: Assisted vaginal birth: green-top guideline no. 26', *BJOG: an International Journal of Obstetrics and Gynaecology*, 127, 12 (2020), 1580-1581 [D.J. Murphy, R. Bahl, B. Strachan]

'Authors' reply re: Assisted vaginal birth: green-top guideline no. 26', *BJOG: an International Journal of Obstetrics and Gynaecology*, 127, 10 (2020), 1298 [D.J. Murphy, R. Bahl, B. Strachan]

Norris, Lucy, 'Platelets, immune cells and the coagulation cascade: friend or foe of the circulating tumour cell?', *Molecular Cancer*, 20 (2021), 59 [M.P. Ward, L.E. Kane, L.A. Norris *et al.*]

'The induction of a mesenchymal phenotype by platelet cloaking of cancer cells is a universal phenomenon', *Translational Oncology*, 14, 12 (2021), 101229 [C.D. Spillane, N.M. Cooke, M.P. Ward (...), L. Norris *et al.*]

'Extended thromboprophylaxis post gynaecological cancer surgery: the effect of weight adjusted and fixed dose LMWH (tinzaparin)', *Thrombosis Research*, 207 (2021), 25-32 [F. Abu Saadeh, Z. Marchocki, S.A. O'Toole, N. Ibrahim, N. Gleeson, L.A. Norris]

'Covid-19: "the end of the beginning"', *Thrombosis Update*, 5 (2021), 100051-10051 [E. Papadakis, L.A. Norris]

OCCUPATIONAL THERAPY

Codd, Yvonne, 'My role as a parent, to me, it has narrowed' the impact of early inflammatory arthritis on parenting roles: a qualitative study', *Disability and Rehabilitation* (2022), <https://doi.org/10.1080/09638288.2022.2025928> [Y. Codd, A. Coe, R.H. Mullan, D. Kane, T. Stapleton]

Connolly, Deirdre, 'Primary care-based link workers providing social prescribing to improve health and social care outcomes for people with multimorbidity in socially deprived areas (the LinkMM trial): pilot study for a pragmatic randomised controlled trial', *Journal of Multimorbidity and Comorbidity*, 11 (2021), 1-11 [B. Kiely, D. Connolly, B. Clyne (...), E.O. Shea, S.M. Smith]

'Factors associated with meeting work demands for individuals with rheumatic diseases', *Annals of the Rheumatic Diseases*, 79 (2020), 166-166 [D. Connolly, C. Fitzpatrick, L. O'Toole, F. O'Shea, M. Doran]

'Cost-effectiveness of an occupational therapy-led self-management support programme for multimorbidity in primary care', *Family Practice* (2022), <http://hdl.handle.net/2262/98123> [P. Gillespie, A. Hobbins, L. O'Toole, D. Connolly, F. Boland, S. Smith]

'Fatigue and activity management education for individuals with systemic sclerosis: adaptation and feasibility study of an intervention for a rare disease', *Musculoskeletal Care* (2022), 1-9 [K. Carandang, J. Poole, D. Connolly]

'Developing a standardized national undergraduate curriculum for future healthcare professionals on self-management support for chronic conditions', *Journal of Interprofessional Care* (2022), 1-4 [D. Sinclair, E. Savage, C. Carberry (...), M. O'Brien, D. Connolly]

'Rehabilitation interventions to support return to work for women with breast cancer: a systematic review and meta-analysis', *BMC Cancer*, 21 (2021), 895 [N. Algeo, K. Bennett, D. Connolly]

'Protocol for a mixed methods process evaluation of the LinkMM randomised controlled trial use of link workers to provide social prescribing and health and social care coordination for people with complex multimorbidity in socially deprived areas', *HRB Open Research* (2021), <http://dx.doi.org/10.12688/hrbopenres.13258.1> [B. Kiely, P. O'Donnell, V. Byers (...), D. Connolly *et al.*]

Recent publications – Faculty of Health Sciences

Foley, Geraldine, 'Mutual support between patients and family caregivers in palliative care: a systematic review and narrative synthesis', *Palliative Medicine*, 35, 5 (2021), 875-885 [R. McCauley, R. McQuillan, K. Ryan, G. Foley]

'Interviewing as a vehicle for theoretical sampling in grounded theory', *International Journal of Qualitative Methods*, 20 (2021), 1-10 [G. Foley, V. Timonen, C. Conlon, C. Elliott O'Dare]

'Perceptions of fatigue and fatigue management interventions among people with multiple sclerosis: a systematic literature review and narrative synthesis', *International Journal of Therapy and Rehabilitation*, 28, 6 (2021), 1-21 [M. Power, N. Arafa, A. Wenz, G. Foley]

King, Eilish, 'Predictors of productivity and leisure for people aging with intellectual disability', *Canadian Journal of Occupational Therapy* (2022), <http://dx.doi.org/10.1177/00084174211073257> [E. King, J. Brangan, M. McCarron, P. McCallion, F.R. Bavussantakath, M.A. O'Donovan]

Lawler, Margaret, 'Family perspectives on educational experiences, post-school needs, and quality of life of young autistic adults', *Irish Educational Studies* (2021), <https://doi.org/10.1080/03323315.2021.1926309> [B. Walsh, R. Dempsey, M. Lawler]

Quinn, Sarah, 'Occupation-focused learning and personal development through service-learning', *Journal of Occupational Therapy Education*, 5, 3 (2021), 1-21 [S. Quinn, K. Cremin]

Spirtos, Anne-Michelle, 'Autism awareness interventions for children and adolescents: a scoping review', *Journal of Developmental and Physical Disabilities*, 33 (2021), 27-50 [K. Cremin, O. Healy, M. Spirtos, S. Quinn]

'Post-operative management of flexor tendon injuries at zone II and flexor pollicis longus - a survey of Irish practice', *Irish Journal of Occupational Therapy*, (2021), <http://dx.doi.org/10.1108/IJOT-01-2021-0001> [M. Spirtos, M. Naughton, E. Carr, T. Stapleton, M. O'Donnell]

Stapleton, Tadhg, 'Linking people and activities through community mobility: an international comparison of the mobility patterns of older drivers and non-drivers', *Ageing and Society*, Open Access (2021), <https://doi.org/10.1017/S0144686X20001968> [C. Unsworth, A. Dickerson, I. Gelinis (...), T. Stapleton *et al.*]

'Assessment of older adults' decision-making capacity in relation to independent living: a scoping review', *Health and Social Care in the Community*, 30, 2 (2022), e255-e277 [R. Usher, T. Stapleton]

'Post-operative management of flexor tendon injuries at zone ii and flexor pollicis longus - a survey of Irish practice', *Irish Journal of Occupational Therapy*, (2021), <http://dx.doi.org/10.1108/IJOT-01-2021-0001> [M. Spirtos, M. Naughton, E. Carr, T. Stapleton, M. O'Donnell]

'My role as a parent, to me, it has narrowed' the impact of early inflammatory arthritis on parenting roles: a qualitative study', *Disability and Rehabilitation* (2022), <https://doi.org/10.1080/09638288.2022.2025928> [Y. Codd, A. Coe, R.H. Mullan, D. Kane, T. Stapleton]

'Assessing older adults' decision-making capacity for independent living: practice tensions and complexities', *Journal of Applied Gerontology*, (2022), <http://dx.doi.org/10.1177/07334648211065029> [R. Usher, T. Stapleton]

PAEDIATRICS

Balfe, Joanne, 'Increased systemic inflammation in children with Down syndrome', *Cytokine*, 127 (2020), 154938 [D. Huggard, L. Kelly, E. Ryan (...), J. Balfe *et al.*]

'Multiorgan involvement and management in children with Down Syndrome', *Acta Paediatrica*, 1 (2020), <http://dx.doi.org/10.1111/apa.15153> [N. Lagan, D. Huggard, F. Mc Grane (...), J. Balfe, E. J. Molloy]

Recent publications – Faculty of Health Sciences

- 'Implementation of a health surveillance clinic for children with Down syndrome', *Archives of Disease in Childhood. Education and Practice Edition* (2021), <http://dx.doi.org/10.1136/archdischild-2019-317126> [N.C. Lagan, F. Mc Grane, D. Huggard (...), J. Balfe, E. Molloy]
- Byrne, Aideen**, 'Efficacy and safety of oral immunotherapy with AR101 in European children with a peanut allergy (ARTEMIS): a multicentre, double-blind, randomised, placebo-controlled phase 3 trial', *Lancet Child Adolescent Health*, 4, 10 (2020), 728-739 [J.O'B. Hourihane, A. Dunn Galvin, B. Skeel, D.C. Adelman, G. du Toit]
- 'Googling allergy in Ireland: content analysis', *Journal of Medical Internet Research*, 22, 5 (2020), 16763-16763 [C. King, C. Judge, A. Byrne, N. Conlon]
- 'House dust mite sensitization is associated with food sensitization in early-onset atopic dermatitis', *Clinical and Experimental Allergy* (2021), <http://dx.doi.org/10.1111/cea.13955> [S.M. Pyper, M.J. O'Grady, M.A. McAleer, A.M. Byrne]
- 'Mass food challenges in a vacant covid-19 stepdown facility: exceptional opportunity provides a model for the future', *Pediatr Allergy Immunol.* (2021), <http://dx.doi.org/10.1111/pai.13580> [A.M Byrne, J. Trujillo, J. Fitzsimons, D. Coghlan]
- 'Management of anaphylaxis in children undergoing oral food challenges in an adapted covid-19 field hospital', *Archives of Disease in Childhood* (2021), [D. Coghlan]
- 'The risk of allergic reaction to SARS-CoV-2 vaccines and recommended evaluation and management: a systematic review, meta-analysis, grade assessment, and international consensus approach', *Journal of Allergy and Clinical Immunology Practical*, 9, 10 (2021), 3546-3567 [M. Greenhawt, E.M. Abrams, S. Waserman (...), T.K.V. Leek, D.B.K. Golden]
- 'Ascertainment bias in anaphylaxis safety data of covid-19 vaccines', *Journal of Allergy and Clinical Immunology in Practice* (2021), <http://dx.doi.org/10.1016/j.jaip.2021.04.025> [J.O'B. Hourihane, A. Byrne, K. Blümchen, P. Turner, M. Greenhawt]
- 'Development of the food allergy anxiety scale in an adult population: psychometric parameters and convergent validity', *Journal of Allergy and Clinical Immunology in Practice* (2021), <https://doi.org/10.1016/j.jaip> [G. Lins de Holanda Coelho, A. Byrne, J. Hourihane, A. Dunn Galvin]
- 'Home-based graded exposure to egg to treat egg allergy', *Clinical and Translational Allergy*, 11, 8 (2021), <http://dx.doi.org/10.1002/ctt2.12068> [S. Cotter, D. Lad, A. Byrne, J.O'B. Hourihane]
- 'Correspondence BSACI 2021 guideline for the management of egg allergy', *Clinical and Experimental Allergy* (2021), <http://dx.doi.org/10.1111/cea.14061> [A. Byrne, M. Kelleher, J.O'B. Hourihane]
- 'Allergy to Peanuts imPacting Emotions And Life (APPEAL): the impact of peanut allergy on children, teenagers, adults and caregivers in the UK and Ireland', *PLoS* (2022), <http://dx.doi.org/10.1371/journal.pone.0262851> [M. Tsoumani, L. Regent, A. Warner (...), A. Dunn Galvin, A. Byrne]
- 'The food allergy COPE inventory: adaptation and psychometric properties', *World Allergy Organ J.* (2022), <http://dx.doi.org/10.1016/j.waojou.2022.100626>. [G.L.H. Coelho, P.H.P. Hanel, A. Byrne, J. Hourihane, A. Dunn Galvin]
- Byrne, Angela**, 'Dysregulated monocyte and neutrophil functional phenotype in infants with neonatal encephalopathy requiring therapeutic hypothermia', *Frontiers in Pediatrics* (2021), <http://dx.doi.org/10.3389/fped.2020.598724> [M.I. O'Dea, L. Kelly, E. McKenna (...), A.T. Byrne *et al.*]
- 'Duplication of the pituitary gland', *European Radiology* (2021), <http://hdl.handle.net/2262/96096> [M. Sheehan, J. Geraghty, S. Harty, A.T. Byrne]
- 'A comparison of MRI scoring systems predictive ability for two-year neurodevelopmental outcome in neonatal encephalopathy', *SSRN Electronic Journal* (2021), <http://dx.doi.org/10.2139/ssrn.3769249> [M. Ni Bhroin, L.A. Kelly, D. Sweetman (...), A.T. Byrne *et al.*]

Recent publications – Faculty of Health Sciences

- 'Langerhans cell histiocytosis in children under 12 months of age: the spectrum of imaging and clinical findings: experience in an Irish tertiary referral centre', *European Journal of Radiology* (2020), 109375 [M.-L. Gargan, J. Loong Wong, C. Ni Leidhin, C. Owens, A. Byrne]
- 'Caput membranaceum: a novel clinical presentation of ZIC1 related skull malformation and craniosynostosis', *American Journal of Medical Genetics, Part A*, 182, 12 (2020), 2994-2998 [E. Sasaki, A.T. Byrne, D.J. Murray, W. Reardon]
- 'Chronic midgut volvulus - a challenging diagnosis', *Journal of Pediatric Surgery Case Reports*, 63 (2020), <http://dx.doi.org/10.1016/j.epsc.2020.101676> [S. Yassin, I. Stoica, A. Muntean, A.T. Byrne, B.T. Sweeney]
- 'Tutorial 13: Introduction to paediatric radiology', *Tutorials in Diagnostic Radiology for Medical Students*, eds C. Redmond, M. Lee, Springer, Cham (2020), 207-224 [C. Logan, A. Byrne, S. Ryan]
- 'Relationship between MRI scoring systems and neurodevelopmental outcome at two years in infants with neonatal encephalopathy', *Pediatr Neurol*, 126 (2022), 35-42 [M. Ní Bhroin, L. Kelly, S. Aslam (...), A.T. Byrne *et al.*]
- Coghlan, David**, 'Integration of two acute paediatric services during covid-19', *Ir Med J*, 114, 4 (2021), 324 [D. Coghlan, U. Murtagh, M. Nadeem]
- 'Mass food challenges in a vacant covid-19 stepdown facility: exceptional opportunity provides a model for the future', *Pediatr Allergy Immunol*. 2021(2021), <http://dx.doi.org/10.1111/pai.13580> [A.M. Byrne, J. Trujillo, J. Fitzsimons, D. Coghlan]
- 'Management of anaphylaxis in children undergoing oral food challenges in an adapted covid-19 field hospital', *Archives of Disease in Childhood* (2021), [D. Coghlan D]
- Colleran, Gabrielle**, 'Dysregulated monocyte and neutrophil functional phenotype in infants with neonatal encephalopathy requiring therapeutic hypothermia', *Frontiers in Pediatrics* (2021), <http://dx.doi.org/10.3389/fped.2020.598724> [M.I. O'Dea, L. Kelly, E. McKenna (...), G. Colleran *et al.*]
- 'CT and MR contrast in breastfeeding mothers: is current practice evidence based?', *Irish Medical Journal*, 113, 9 (2020), 1-6 [G.C. Colleran, N. Adams, L.P. Lawler, W. Jones, M. Ryan]
- 'Comparing 3D models of placenta accreta spectrum to surgical findings', *International Journal of Gynaecology and Obstetrics: the Official Organ of the International Federation of Gynaecology and Obstetrics* (2021), <http://dx.doi.org/10.1002/ijgo.13743> [K.M. Mulligan, H.C. Bartels, F. Armstrong (...), G. Colleran *et al.*]
- 'Severe fetal ventriculomegaly: fetal morbidity and mortality, caesarean delivery rates and obstetrical challenges in a large prospective cohort', *Prenat Diagnosis* (2022), 109-117 [A.O. Start, G.A. Ryan, B. Cathcart (...), G. Colleran *et al.*]
- 'Relationship between MRI scoring systems and neurodevelopmental outcome at two years in infants with neonatal encephalopathy', *Pediatr Neurol*, 126 (2022), 35-42 [M. Ní Bhroin, L. Kelly, D. Sweetman (...), G. Colleran *et al.*]
- Crowe, Suzanne**, 'The implications of the covid19 pandemic for bereavement practice and support in PICU', *Irish Medical Journal*, 114, 1 (2021), <http://hdl.handle.net/2262/96046> [A.M. Crowe, R. NiCharra, J. Edwards, M. Hoi, S. Crowe]
- 'Psychological impact of covid19 on staff working in paediatric and adult critical care', *British Journal of Anaesthesia*, 126, 1 (2021), e39-e41 [R. Ffrench O'Carroll, T. Feeley, M.H. Tan (...), B. Lyons, S. Crowe]
- Durnin, Sheena**, 'Validating clinical practice guidelines for the management of febrile infants presenting to the emergency department in the UK and Ireland', *Archives of Disease in Childhood* (2021), doi: 10.1136/archdischild-2021 [S. Durnin]
- 'Structures of paediatric pain management: a PERUKI service evaluation study', *BMJ Paediatr Open*, 5, 1 (2021), e001159 [S. Durnin, M.J. Barrett, M.D. Lyttle, S. Hartshorn]

Recent publications – Faculty of Health Sciences

- Elnazir, Basil**, 'Fever under 3 months: is It NICE to continue?', *Irish Medical Journal*, 113, 9 (2020), 191-191 [V. Sundram, J. Finnegan, R.S. Stone, B. Elnazir, M. Nadeem]
- 'Autoimmune pancreatitis in a child: a challenging diagnosis', *Archives of Disease in Childhood*, 106 (2), 185-185 (2020), 185-185 [E. Brasil]
- 'Sweat testing in Ireland since the introduction of newborn screening for cystic fibrosis', *Pediatric Pulmonology* (2020), 101-102 [B. Maguire, O. Blake, I. Borovickova (...), B. Elnazir, B. Linnane]
- 'Benign intracranial hypertension associated with inhaled corticosteroids in a child with asthma', *British Medical Journal* (2021), dx.doi.org/10.1136/bcr-2021-242455 [J. Trayer, D. O'Rourke, L. Cassidy, B. Elnazir]
- 'Global pediatric pulmonology alliance recommendation to strengthen prevention of pediatric seasonal influenza under covid-19 pandemic', *World Journal of Pediatrics*, 16, 5 (2020), 433-437 [S. Kun-Ling, L. Gang, Z. Cheng-Song, W. Zhuang, Z. Yu-Hong]
- 'Neonatal screening programme for CF: results from the Irish Comparative Outcomes Study (ICOS)', *Pediatric Pulmonology*, 16 (2020), 433-437 [C. Fitzgerald, B. Linnane, S. George, D. Cox, P. Fitzpatrick]
- 'Multi-organ dysfunction in cerebral palsy', *Frontiers in Pediatrics*, 9 (2021), 668544 [J. Allen, Z. Zareen, S. Doyle (...), B. Elnazir *et al.*]
- 'Global Pediatric Pulmonology Alliance (GPPA) proposal for covid-19 vaccination in children', *World Journal of Pediatrics*, 17, 5 (2021), 458-461 [L.E. Rodewald, K-L. Shen, Y.H. Yang, G. W-K. Wong (...), E. Brasil *et al.*]
- 'Biologicals in childhood severe asthma: the European PERMEABLE survey on the status quo', *ERJ Open Research*, 7, 3 (2021), 00143-2021 [E. Santos-Valente, H. Buntrock-Döpke, R. Abou Taam (...), M. Cornelis, M. Kabesch]
- Franklin, Orla**, 'Increased systemic inflammation in children with Down syndrome', *Cytokine*, 127(2020), 154938 [D. Huggard, L. Kelly, E. Ryan (...), O. Franklin *et al.*]
- 'Multiorgan involvement and management in children with Down syndrome', *Acta Paediatrica*, 1 (2020), <http://dx.doi.org/10.1111/apa.15153> [N. Lagan, D. Huggard, F. Mc Grane (...), O. Franklin *et al.*]
- Gadelsayed, Montasser**, 'Urinary tract imaging in children post UTI', *Ir Med J*, 114, 3 (2021), 312 [J. Trayer, M. Nadeem]
- 'Integration of two acute paediatric services during covid-19', *Ir Med J*, 114, 4 (2021), 324 [D. Coghlan, U. Murtagh, M. Nadeem]
- Kelly, Lynne**, 'Increased systemic inflammation in children with Down syndrome', *Cytokine*, 127 (2020), 154938 [D. Huggard, L. Kelly, E. Ryan (...), D.G. Doherty, E.J. Molloy]
- 'Emerging role of the NLRP3 inflammasome and interleukin-1 β in neonates', *Neonatology*, 117, 5 (2020), 545-554 [M. Omer, A.M. Melo, L. Kelly (...), R.C. Savani, E.J. Molloy]
- 'Dysregulated monocyte and neutrophil functional phenotype in infants with neonatal encephalopathy requiring therapeutic hypothermia', *Frontiers in Pediatrics* (2021), <http://dx.doi.org/10.3389/fped.2020.598724> [M.I. O'Dea, L. Kelly, E. McKenna (...), F. Hickey, E.J. Molloy]
- 'A comparison of MRI scoring systems predictive ability for two-year neurodevelopmental outcome in neonatal encephalopathy', *SSRN Electronic Journal* (2021), <http://dx.doi.org/10.2139/ssrn.3769249> [M. Ni Bhroin, L.A. Kelly, D. Sweetman (...), E.J. Molloy, A.L.W. Bokde]
- 'Troponin T correlates with MRI results in neonatal encephalopathy', *Acta Paediatrica* (2020), <http://dx.doi.org/10.1111/apa.15255> [D.U. Sweetman, L. Kelly, T. Hurley (...), V. Donoghue, E.J. Molloy]
- 'Neutrophils: need for standardized nomenclature', *Frontiers in Immunology* (2021), <http://dx.doi.org/10.3389/fimmu.2021.602963> [E. McKenna, A.U. Mhaonaigh, R. Wubben (...), L.A. Kelly *et al.*]

Recent publications – Faculty of Health Sciences

- 'Melatonin as an immunomodulator in children with Down syndrome', *Pediatric Research* (2021), <http://hdl.handle.net/2262/98156> [D. Huggard, L. Kelly, A. Worrall (...), D.G. Doherty, E.J. Molloy]
- 'Multi-organ dysfunction scoring in neonatal encephalopathy (MODE Score) and neurodevelopmental outcomes', *Acta Paediatrica* (2021), <http://dx.doi.org/10.1111/apa.16111> [D. Sweetman, T. Strickland, E. Isweisi (...), L.A. Kelly *et al.*]
- Leahy, Ronan**, 'Adenosine deaminase deficient SCID with myocardial hypertrophy', *Journal of Clinical Immunology* (2021), <http://dx.doi.org/10.1007/s10875-021-01018-2> [A.M. Flinn, T. Flood, T. Prendiville, A.R. Gennery, T.R. Leahy]
- 'Multi-organ dysfunction in cerebral palsy', *Frontiers in Pediatrics*, 9 (2021), 668544 [J. Allen, Z. Zareen, S. Doyle (...), T.R. Leahy *et al.*]
- 'Severe combined immunodeficiency (SCID) - the Irish experience', *Journal of Clinical Immunology* (2021), <http://dx.doi.org/10.1007/s10875-021-01106-3> [H. Burns, A. Collins, P. Marsden (...), J. Xu-Bayford, T.R. Leahy]
- Lynch, Sally**, 'Derivation of four iPSC lines from a male ASD patient carrying a deletion in the middle coding region of NRXN1 α gene (NUIGi039-A and NUIGi039-B) and a male sibling control (NUIGi040-A and NUIGi040-B)', *Stem Cell Research*, 53, 102254 (2021), <http://hdl.handle.net/2262/95583> [Y. Ding, A. O'Brien, L. Howard (...), L. Gallagher, S. Shen]
- 'Derivation of iPSC lines from two patients with autism spectrum disorder carrying NRXN1 α deletion (NUIGi041-A, NUIGi041-B; NUIGi045-A) and one sibling control (NUIGi042-A, NUIGi042-B)', *Stem Cell Research*, 52, 102222 (2021), <http://hdl.handle.net/2262/95596> [Y. Ding, A. O'Brien, B.M. de la Cruz (...), L. Gallagher, S. Shen]
- 'Duplication of referral, a tsunami of paper: how much does it cost the Irish health services?', *Irish Journal of Medical Science* (2022), <http://dx.doi.org/10.1007/s11845-021-02866-y> [N. Walsh, L. Malone, S.A. Lynch]
- 'HK1 haemolytic anaemia in association with a neurological phenotype and co-existing CEP290 Meckel-Gruber in a Romani family', *Clinical Genetics*, 101, 1 (2022), 142-143 [E. Sasaki, E. Phelan, M. O'Regan (...), J. Baptista, S.A. Lynch]
- 'NRXN1 α +/- is associated with increased excitability in ASD iPSC-derived neurons', *BMC Neuroscience*, 22, 1 (2021), <http://dx.doi.org/10.1186/s12868-021-00661-0> [S. Avazzadeh, L.R. Quinlan, J. Reilly (...), S. Shen, L. Gallagher]
- 'Delineation of a novel neurodevelopmental syndrome associated with PAX5 haploinsufficiency', *Human Mutation* (2022), <http://dx.doi.org/10.1002/humu.24332> [Y. Gofin, T. Wang, M.A. Gillentine (...), R.K. Earl, D.A. Scott]
- 'De novo missense variants in FBXO11 alter its protein expression and subcellular localization', *Human Molecular Genetics*, 31, 3 (2022), 440-454 [A. Gregor, T. Meerbrei, T. Gerstner (...), S.A. Lynch *et al.*]
- 'The contribution of X-linked coding variation to severe developmental disorders', *Nature Communications*, 12, 1 (2021), <http://dx.doi.org/10.1038/s41467-020-20852-3> [H.C. Martin, E.J. Gardner, K.E. Samocha (...), S.A. Lynch *et al.*]
- 'Delineating the molecular and phenotypic spectrum of the SETD1B-related syndrome', *Genetics in Medicine*, 23, 11 (2021), 2122-2137 [M.J.A. Weerts, K. Lanko, A. Reich (...), S.T. Arold, T.S. Barakat]
- 'Expanding the phenotype of ASXL3-related syndrome: a comprehensive description of 45 unpublished individuals with inherited and de novo pathogenic variants in ASXL3', *American Journal of Medical Genetics, Part A*, 185, 11 (2021), 3446-3458 [S. Schirwani, S. Albaba, D.A. Carere (...), S.A. Lynch *et al.*]
- 'Fatal fetal abnormality Irish live-born survival - an observational study', *Journal of Community Genetics*, 12, 4 (2021), 643-651 [E. Gunne, S.A. Lynch, C. McGarvey, K. Hamilton, D.M. Lambert]

Recent publications – Faculty of Health Sciences

- 'The role of the European Society of Human Genetics in delivering genomic education', *Frontiers in Genetics*, 12, 693952 (2021), <http://dx.doi.org/10.3389/fgene.2021.693952> [E.S. Tobias, E. Avram, P. Calapod (...), A.P. Tobias, W.G. Newman]
- 'ANKRD11 variants: KBG syndrome and beyond', *Clinical Genetics*, 100, 2 (2021), 187-200 [I. Parenti, M.B. Mallozzi, G. Gillessen-Kaesbach, F.J. Kaiser]
- 'Delineating the Smith-Kingsmore syndrome phenotype: investigation of 16 patients with the MTOR c.5395G > A p.(Glu1799Lys) missense variant', *American Journal of Medical Genetics, Part A*, 185, 8 (2021), 2445-2454 [R.L. Poole, P.D.K. Curry, R. Marcinkute (...), S.A. Lynch *et al.*]
- 'Non-coding region variants upstream of MEF2C cause severe developmental disorder through three distinct loss-of-function mechanisms', *American Journal of Human Genetics*, 108, 6 (2021), 1083-1094 [C.F. Wright, N. Quaife, L. Ramos-Hernández (...), S.A. Lynch *et al.*]
- 'The genetic landscape of polycystic kidney disease in Ireland', *European Journal of Human Genetics*, 29, 5 (2021), 827-838 [K.A. Benson, S.L. Murray, S.R. Senum (...), G.L. Cavalleri, P. Conlon]
- 'De novo variants in MED12 cause X-linked syndromic neurodevelopmental disorders in 18 females', *Genetics in Medicine*, 23, 4 (2021), 645-652 [D.L. Polla, E.J. Bhoj, S. Cuddapah (...), C. Zweier, A.P.M. de Brouwer]
- 'Dying to see you? Deaths on a clinical genetics waiting list in the Republic of Ireland; what are the consequences?', *Journal of Community Genetics*, 12, 1 (2021), 121-127 [L. Bradley, S.A. Lynch]
- 'Integration of genetic and histopathology data in interpretation of kidney disease', *Nephrology Dialysis Transplantation*, 35, 7 (2020), 1113-1132 [S.I. Murray, N.K. Fennelly, B. Doyle, S.A. Lynch, P.J. Conlon]
- 'Phenotypic variability in leukoencephalopathy with brain calcifications and cysts: case report of siblings from an Irish Traveller family with a homozygous SNORD118 mutation', *Journal of Molecular Neuroscience*, 70, 9 (2020), 1354-1356 [P.W. Cullinane, S.A. Lynch, M. Marnane]
- 'Evidence for 28 genetic disorders discovered by combining healthcare and research data', *Nature*, 586, 7831 (2020), 757-762 [J. Kaplanis, K.E. Samocho, L. Wiel (...), D. Shears Stewart]
- 'National newborn screening for cystic fibrosis in the Republic of Ireland: genetic data from the first 6.5 years', *European Journal of Human Genetics*, 28, 12 (2020), 1669-1674 [E. Sasaki, M. Kostocenko, N. Lang (...), D.E. Barton, S.A. Lynch]
- 'Development, behaviour and sensory processing in Marshall-Smith syndrome and Malan syndrome: phenotype comparison in two related syndromes', *Journal of Intellectual Disability Research*, 64, 12 (2020), 956-969 [P.A. Mulder, I.D.C. van Balkom, A.M. Landlust, W.W. Dunn, S. Piening, R.C. Hennekam]
- 'BICRA, a SWI/SNF complex member, is associated with BAF-disorder related phenotypes in humans and model organisms', *American Journal of Human Genetics*, 107, 6 (2020), 1096-1112 [S. Barish, T.S. Barakat, B.C. Michel (...), D.A. Scott, H.J. Bellen]
- 'Barriers and considerations for diagnosing rare diseases in indigenous populations', *Frontiers in Pediatrics*, 8, 579924 (2020), <http://dx.doi.org/10.3389/fped.2020.579924> [C.S. D'Angelo, A. Hermes, S.A. Lynch (...), Y. Thomas, G. Baynam]
- 'X-linked infantile spinal muscular atrophy (SMAX2) caused by novel c.1681G>A substitution in the UBA1 gene, expanding the phenotype', *Neuromuscular Disorders*, 30, 1 (2020), 35-37 [N. Shaughnessy, E.B. Forman, D. O'Rourke, S.A. Lynch, B. Lynch]
- 'A restricted spectrum of missense KMT2D variants cause a multiple malformations disorder distinct from Kabuki syndrome', *Genetics in Medicine*, 22, 5 (2020), 867-877 [S. Cuvertino, V. Hartill, A. Colyer (...), C.A. Johnson, S. Banka]

Recent publications – Faculty of Health Sciences

- 'Correction: A restricted spectrum of missense KMT2D variants cause a multiple malformations disorder distinct from Kabuki syndrome (Genetics in Medicine, (2020), 22, 5, (867-877), 10.1038/s41436-019-0743-3)', *Genetics in Medicine*, 22, 5 (2020), 980 [S. Cuvertino, V. Hartill, C.A. Johnson, S. Banka]
- 'DNA methylation signature for EZH2 functionally classifies sequence variants in three PRC2 complex genes', *American Journal of Human Genetics*, 106, 5 (2020), 596-610 [S. Choufani, W.T. Gibson, A.L. Turinsky (...), K. Tatton-Brown, R. Weksberg]
- 'A clinical scoring system for congenital contractural arachnodactyly', *Genetics in Medicine*, 22, 1 (2020), 124-131 [I. Meerschaut, S. De Coninck, W. Steyaert (...), S. Symoens, B. Callewaert]
- 'Clinical findings of 21 previously unreported probands with HNRNPU-related syndrome and comprehensive literature review', *American Journal of Medical Genetics, Part A*, 182, 7 (2020), 1637-1654 [A. Durkin, S. Albaba, A.E. Fry, N. Ghali, M. Balasubramanian]
- Nolan, Elizabeth**, 'Final results of the PUPs B-LONG study: evaluating safety and efficacy of rFIXFc in previously untreated patients with hemophilia B', *Blood Advances*, 5, 13 (2021), 2732-2739 [B. Nolan, A. Klukowska, A. Shapiro (...), K. Fischer, R. Liesner]
- 'Correction of haemostasis can be reduced to four days for CVAD implantation in severe haemophilia A patients: data from the PedNet study group', *Haemophilia*, 27, 3 (2021), 392-397 [K. Minna, M. Anne, N. Beatrice, K. Rainer, R. Susanna]
- 'Recombinant factor VIII Fc for the treatment of haemophilia A', *European Journal of Haematology*, 106, 6 (2021), 745-761 [C. Hermans, M.E. Mancuso, B. Nolan, K.J. Pasi]
- 'Long-term safety and sustained efficacy for up to 5 years of treatment with recombinant factor IX Fc fusion protein in subjects with haemophilia B: results from the B-YOND extension study', *Haemophilia*, 26, 6 (2020), e262-e271 [K.J. Pasi, K. Fischer, M. Ragni (...), B. Nolan *et al.*]
- 'ITI treatment is not first-choice treatment in children with hemophilia A and low-responding inhibitors: evidence from a PedNet study', *Thrombosis and Haemostasis*, 120, 8 (2020), 1166-1172 [H.M. Van Den Berg, M.E. Mancuso, C. Konigs (...), B. Nolan, E. Santagostino]
- 'Recombinant factor VIII Fc fusion protein for the treatment of severe haemophilia A: final results from the ASPIRE extension study', *Haemophilia*, 26, 3 (2020), 494-502 [B. Nolan, J. Mahlangu, I. Pabinger (...), D. Rudin, J. Oldenburg]
- 'Progressive increase in FIX level in males with haemophilia B Leyden and c.35G > A mutation in early childhood not related to androgen effect', *British Journal of Haematology*, 189, 6 (2020), e262-e265 [S.Z. Ahmed, M. O'Rourke, V. Jenkins, I. Regan, B. Nolan]
- 'Inhibitor incidence in an unselected cohort of previously untreated patients with severe hemophilia B: a PedNet study', *Haematologica*, 106, 1 (2021), 123-129 [C. Male, N.G. Andersson, A. Rafowicz (...), B. Nolan *et al.*]
- 'European principles of inhibitor management in patients with haemophilia: implications of new treatment options', *Orphanet Journal of Rare Diseases*, 15, 1 (2020), <http://dx.doi.org/10.1186/s13023-020-01511-8> [C. Hermans, P.L.F. Giangrande, J. Jovic (...), F. Peyvandi, A. Ryan]
- 'Long-term follow-up of neonatal intracranial haemorrhage in children with severe haemophilia', *British Journal of Haematology*, 190, 2 (2020), e101-e104 [N.G. Andersson, R. Wu, M. Carcao, S. Claeysens-Donadel, A. Thomas, M. Williams]
- 'Rivaroxaban compared with standard anticoagulants for the treatment of acute venous thromboembolism in children: a randomised, controlled, phase 3 trial', *The Lancet Haematology*, 7, 1 (2020), e18-e27 [C. Male, A.W.A. Lensing, J.S. Palumbo (...), A. Zia, R. Berkow]
- 'Port removal in patients receiving emicizumab prophylaxis: a single centre experience and review of the literature', *Haemophilia*, 28, 1 (2022), 42-45 [D. Swan, S. Paran, B. Nolan]
- Roche, Edna**, 'Melatonin as an immunomodulator in children with Down syndrome', *Pediatric Research* (2021), <http://hdl.handle.net/2262/98156> [D. Huggard, L. Kelly, A. Worrall (...), E. Roche *et al.*]

Recent publications – Faculty of Health Sciences

- 'Multi-organ dysfunction in cerebral palsy', *Frontiers in Pediatrics*, 9 (2021), 668544 [J. Allen, Z. Zareen, S. Doyle, L. Whitla, E.J. Molloy]
- 'Neonatal sepsis: a systematic review of core outcomes from randomised clinical trials', *Pediatric Research* (2021), <http://dx.doi.org/10.1038/s41390-021-01883-y> [C.J. Henry, G. Semova, E. Barnes (...), C. Gale, E.J. Molloy]
- 'Communicating a neonatal diagnosis of Down syndrome to parents', *Archives of Disease in Childhood* (2021), archdischild-2021-323542 [K. Valentine, S. Reynolds, D. Donegan (...), E.F. Roche *et al.*]
- 'Pulmonary haemorrhage in neonates: systematic review of management', *Acta Paediatrica*, 111, 2 (2021), 236-244 [M. Barnes, E. Feeney, A. Duncan (...), E. Roche, E.J. Molloy]
- 'Neonatal sepsis definitions from randomised clinical trials', *Pediatric Research* (2021), <https://doi.org/10.1038/s41390-021-01749-3> [R. Hayes, J. Hartnett, G. Semova (...), C. Gale, E.J. Molloy]
- Russell, John**, 'Treatment-recalcitrant laryngeal sarcoidosis responsive to sirolimus', *BMJ Case Reports*, 13, 8 (2020), <http://dx.doi.org/10.1136/bcr-2020-235372> [K.J. Kelleher, J. Russell, O.G. Killeen, T.R. Leahy]
- 'International Pediatric Otolaryngology Group (IPOG): consensus recommendations on the prenatal and perinatal management of anticipated airway obstruction', *International Journal of Pediatric Otorhinolaryngology*, 138 (2020), 110281 [M.D. Puricelli, R. Rahbar, G.C. Allen (...), J. Russell *et al.*]
- 'International Pediatric Otolaryngology Group (IPOG) consensus recommendations: management of suprastomal collapse in the pediatric population', *International Journal of Pediatric Otorhinolaryngology*, 139 (2020), 110427 [J. Doody, A. Alkhateeb, K. Balakrishnan (...), K.B. Zur, J. Russell]
- 'Post-intubation subglottic stenosis: aetiology at the cellular and molecular level', *European Respiratory Review: an Official Journal of the European Respiratory Society*, 30, 159 (2021), <http://dx.doi.org/10.1183/16000617.0218-2020> [E.R. Dorris, J. Russell, M. Murphy]
- 'Systemic bevacizumab for treatment of respiratory papillomatosis: international consensus statement', *The Laryngoscope*, 131, 6 (2021), E1941-E1949 [D.R. Sidell, K. Balakrishnan, S.R. Best (...), C.J. Zdanski, C.S. Derkey]
- 'International Pediatric Otolaryngology Group (IPOG) consensus on the diagnosis and management of pediatric Obstructive Sleep Apnea (OSA)', *International Journal of Pediatric Otorhinolaryngology*, 138 (2020), 110276 [P. Benedek, K. Balakrishnan, M.J. Cunningham, K.B. Zur, A. Boudewyns]
- 'International Pediatric ORL Group (IPOG) Robin Sequence consensus recommendations', *International Journal of Pediatric Otorhinolaryngology*, 130 (2020), 109855 [P. Fayoux, S.J. Daniel, G. Allen (...), G. Zalzal, C.M. Resnick]
- 'International Pediatric Otolaryngology Group (IPOG): Juvenile-onset recurrent respiratory papillomatosis consensus recommendations', *International Journal of Pediatric Otorhinolaryngology*, 128 (2020), 109697 [C. Lawlor, K. Balakrishnan, S. Bottero (...), K.B. Zur, R. Nuss]
- 'Outcome of congenital tracheal stenosis in children over two decades in a national cardiothoracic surgical unit', *Cardiology in the Young*, 30, 1 (2020), 34-38 [C.J. McMahon, K. Ayoubi, R. Mehanna, E. Phelan, E. O'Ceirbhaill, J. Russell, L. Nölke]
- Snow, Aisling**, 'Multicystic encephalomalacia the neuropathology of systemic neonatal parechovirus infection', *Pediatric and Developmental Pathology* (2021), DOI 10.1177/10935266211001645 [L. Lane, C. deGascun, P. O'Connor, S. Cronly, A. Snow, J. Cryan]

Recent publications – Faculty of Health Sciences

Treacy, Eileen, 'Rare Disease Research Partnership (RAinDRoP): a collaborative approach to identify the top 15 research priorities for rare diseases', *HRB Open Research* (2020), <http://dx.doi.org/10.12688/hrbopenres.13017.1> [S. Somanadhan, E. Nicholson, E. Dorris (...), E. Treacy *et al.*]

'Abnormal N-glycan fucosylation, galactosylation, and sialylation of IgG in adults with classical galactosemia, influence of dietary galactose intake', *JIMD Reports* (2021), <http://dx.doi.org/10.1002/jimd2.12237> [E.P. Treacy, S. Vencken, A.M. Bosch (...), R. O'Flaherty, R. Saldovaj]

'Late-onset ornithine transcarbamylase deficiency mimicking a focal opercular syndrome', *Practical Neurology* (2022), [practneurol-2021-003196](https://doi.org/10.1111/prn.12237) [E. Donlon, J. McGettigan, C. Gaffney (...), E. Treacy, E. Chaila]

PHARMACOLOGY AND THERAPEUTICS

Barry, Michael, 'The authors reply', *Critical Care Medicine*, 48, 8 (2020), E731-E732 [A. Abdelaal Ahmed Mahmoud M. Alkhatip, P. Conroy, M.K. Hamza, I. Murphy, A. Purcell, D. McGuire]

Kennedy, Cormac, 'Drug interactions', *Drug Metabolism Reviews*, 48, 7 (2020), 450-455 [C. Kennedy, L. Brewer, D. Williams]

'Efficacy and safety of Armolipid Plus®: an updated PRISMA compliant systematic review and meta-analysis of randomized controlled clinical trials', *Nutrients*, 13, 2 (2021), <http://dx.doi.org/10.3390/nu13020638> [A.F.G. Cicero, C. Kennedy, P.P. Toth, F. Fogacci]

'Safety evaluation of alpha-lipoic acid supplementation: a systematic review and meta-analysis of randomized placebo-controlled clinical studies', *Antioxidants (Basel, Switzerland)*, 9, 10 (2020), doi.org/10.3390/antiox9101011 [F. Fogacci, M. Rizzo, C. Krogager (...), M. Vrablík, A.F.G. Cicero]

'Direct oral anticoagulants uptake and an oral anticoagulation paradox', *British Journal of Clinical Pharmacology*, 86, 2 (2020), 392-397 [C. Kennedy, C. Ni Choitir, S. Clarke, K. Bennett, M. Barry]

'Effect of coenzyme Q10 on statin-associated myalgia and adherence to statin therapy: a systematic review and meta-analysis', *Atherosclerosis*, 299 (2020), 1-8 [C. Kennedy, Y. Köller, E. Surkova]

'The association between increasing oral anticoagulant prescribing and atrial fibrillation related stroke in Ireland', *British Journal of Clinical Pharmacology* (2021), <https://doi.org/10.1111/bcp.14938> [C. Kennedy, A. Gabr, J. McCormack, R. Collins, M. Barry, J. Harbison]

'Assessment of an electronic patient record system on discharge prescribing errors in a tertiary university hospital', *BMC Medical Informatics and Decision Making*, 21, 1 (2021), <http://dx.doi.org/10.1186/s12911-021-01551-5> [M.P. O'Shea, C. Kennedy, E. Relihan, K. Harkin, M. Hennessy, M. Barry]

'Collaboration, supervision and patient safety in the era of covid-19: an analysis of medical wards and ICU', *Irish Journal of Medical Science (1971-)* (2021), <http://dx.doi.org/10.1007/s11845-021-02693-1> [M. Lincoln, A. Gabr, C. Kennedy (...), E. O'Connor, M. Hennessy]

'Is it time to reconsider the treatment paradigm for obese patients with hypertension?', *Journal of Human Hypertension* (2021), <http://dx.doi.org/10.1038/s41371-021-00630-4> [C. Kennedy, O. Ali, R. Faman, M. Hall (...), M. Hennessy, M. Barry]

'Challenging times: delivering gene therapies and an opportunity for shared learning', *British Journal of Clinical Pharmacology* (2021), <http://dx.doi.org/10.1111/bcp.15125> [C. Kennedy, E. O'Dea, D. Reidy (...), D. O'Rourke, M. Hennessy]

McCullagh, Laura, 'The authors reply', *Critical Care Medicine*, 48, 8 (2020), E731-E732 [A. Abdelaal Ahmed Mahmoud M. Alkhatip, P. Conroy, M.K. Hamza, I. Murphy, A. Purcell, D. McGuire]

'Integrating clinical pharmacists within general practice: protocol for a pilot cluster randomised controlled trial', *BMJ Open*, 11, 3 (2021), e041541 [A. Croke, F. Moriarty, F. Boland, L. McCullagh, K. Cardwell, S.M. Smith, B. Clyne]

Recent publications – Faculty of Health Sciences

- 'Coronavirus disease 2019: considerations for health technology assessment from the national centre for pharmacoeconomics review group', *Value in Health: the Journal of the International Society for Pharmacoeconomics and Outcomes Research*, 23, 11 (2020), 1423-1426 [J. Leahy, C. Hickey, D. McConnell (...), L. McCullagh]
- 'The interaction between price negotiations and heterogeneity: implications for economic evaluations', *Medical Decision Making: an International Journal of the Society for Medical Decision Making*, 40, 2 (2020), 144-155 [H. O'Donnell, L. McCullagh, M. Barry, C. Walsh]
- 'Transferability of economic evaluations of treatments for advanced melanoma', *PharmacoEconomics*, 38, 2 (2020), 217-231 [C. Gorry, L. McCullagh, M. Barry]
- 'General practitioners' views on malnutrition management and oral nutritional supplementation prescription in the community: a qualitative study', *Clinical Nutrition ESPEN*, 36 (2020), 116-127 [P. Dominguez Castro, C.M. Reynolds, S. Kennelly (...), L. McCullagh *et al.*]
- 'Economic evaluation of systemic treatments for advanced melanoma: a systematic review', *Value in Health: the Journal of the International Society for Pharmacoeconomics and Outcomes Research*, 23, 1 (2020), 52-60 [C. Gorry, L. McCullagh, M. Barry]
- 'A retrospective analysis of budget impact models submitted to the National Centre for Pharmacoeconomics in Ireland', *The European Journal of Health Economics: HEPAC: Health Economics in Prevention and Care*, 21, 6 (2020), 895-901 [F. Lamrock, L. McCullagh, L. Tilson, M. Barry]
- 'An investigation of community-dwelling older adults' opinions about their nutritional needs and risk of malnutrition; a scoping review', *Clinical Nutrition* (2021), <http://dx.doi.org/10.1016/j.clnu.2020.12.024> [P.D. Castro, C.M. Reynolds, S. Kennelly (...), L. McCullagh *et al.*]
- 'Characteristics and determinants of high volume dispensing in long-term oral nutritional supplement users in primary care: a secondary analysis', *BJGP Open* (2021), BJGPO.2020.0131 [D. Castro, P., Reynolds, C. Bizzaro (...), L. McCullagh *et al.*]
- 'Don't go near the word malnutrition - a qualitative study of community healthcare professionals and patients views on the term malnutrition', *Clinical Nutrition ESPEN*, 40 (2020), 592 [P.D. Castro, C. Reynolds, S. Kennelly (...), L. McCullagh *et al.*]
- 'The characteristics of long-term oral nutritional supplement users in Ireland', *Clinical Nutrition ESPEN*, 40 (2020), 496-497 [P. Dominguez Castro, C. Reynolds, M.G. Bizzaro (...), L. McCullagh *et al.*]
- 'PMU52 the reliability of budget impact predictions for drugs with incremental cost effectiveness ratios above the Irish threshold', *Value in Health*, 23 (2020), S612 [C. Kennedy, L. McCullagh, R. Adams, L. Trela-Larsen, L. Tilson, M. Barry]
- 'PPM5 health technology assessment and companion diagnostics: a review of submissions to the NCPE from 2012-2019', *Value in Health*, 23 (2020), S687-S688 [E. Warren, R. Fuller, L. Mulkerrin, A. Varley, L. McCullagh, M. Barry]
- 'It takes a village: patient perspectives on the management of malnutrition in the community', *Clinical Nutrition ESPEN*, 40 (2020), 464-465 [C.M. Reynolds, P. Dominguez Castro, L.A. Bardon (...), L. McCullagh *et al.*]
- 'Large number of prescribed central nervous system drugs and younger age predict the use of more oral nutritional supplements units', *Clinical Nutrition ESPEN*, 40 (2020), 496 [P. Dominguez Castro, C. Reynolds, G. Bizzaro (...), L. McCullagh *et al.*]
- 'Healthcare professionals - preferences for the delivery, content and structure of a malnutrition education programme: an exploratory qualitative study', *Clinical Nutrition ESPEN*, 40 (2020), 465 [C.M. Reynolds, P. Dominguez Castro, S. Kennelly (...), L. McCullagh *et al.*]
- 'PMU65 drugs with incremental cost effectiveness ratios above the Irish threshold and subsequent price negotiations', *Value in Health*, 23 (2020), S613 [C. Kennedy, L. McCullagh, R. Adams, L. Trela-Larsen, L. Tilson, M. Barry]

Recent publications – Faculty of Health Sciences

- 'A preliminary qualitative study of general practitioners - views on malnutrition management and oral nutritional supplementation prescription in the community', *Proceedings of the Nutrition Society*, 79, OCE2 (2020), <http://dx.doi.org/10.1017/S0029665120002803> [P. Domínguez Castro, S. Kennelly, B. Clyne (...), L. McCullagh *et al.*]
- 'A preliminary qualitative study of nurses- and dietitians- views on malnutrition management and oral nutritional supplementation prescription in the community', *Proceedings of the Nutrition Society*, 79, OCE2 (2020), <http://dx.doi.org/10.1017/S0029665120000567> [P. Domínguez Castro, S. Kennelly, C. Murrin (...), L. McCullagh *et al.*]
- 'Estimating the theoretical cost implications of funding new drugs considered not to be cost-effective', *Value in Health* (2021), <http://dx.doi.org/10.1016/j.jval.2021.03.012> [C. Kennedy, L. McCullagh, R. Adams, L. Trela-Larsen, L. Tilson, M. Barry]
- 'An investigation of community-dwelling older adults' opinions about their nutritional needs and risk of malnutrition; a scoping review', *Clinical Nutrition* (2021), <http://dx.doi.org/10.1016/j.clnu.2020.12.024> [P.D. Castro, C.M. Reynolds, S. Kennelly (...), L. McCullagh *et al.*]
- 'Pharmacists in general practice: a qualitative process evaluation of the General Practice Pharmacist (GPP) study', *Family Practice*, 37, 5 (2020), 711-718 [O. James, K. Cardwell, F. Moriarty, T. Fahey]
- 'The utility of a rapid review evaluation process to a national HTA agency', *PharmacoEconomics* (2021), <http://dx.doi.org/10.1007/s40273-021-01093-8> [Á. Varley, L. Tilson, E. Fogarty, L. McCullagh, M. Barry]
- Spiers, James**, 'New pharmacotherapy for heart failure with reduced ejection fraction', *Expert Reviews in Cardiovascular Therapy*, 18 (2020), 405-414 [S. Sotirakos, P. Wheen, J. Spiers, R. Armstrong]
- 'Protective effects of intermedin/adrenomedullin-2 in a cellular model of human pulmonary arterial hypertension', *Peptides*, 126 (2020), 170267 [D. Holmes, M. Corr, G. Thomas, M. Harbinson, M. Campbell, J.P. Spiers, D. Bell]
- 'Investigation of association of genetic variant rs3918242 of matrix metalloproteinase-9 with hypertension, myocardial infarction and progression of ventricular dysfunction in European patients with diabetes: a report from the STOP-HF follow-up programme', *BMC Cardiovascular Disorders*, 21 (2021), 87 [C. Watson, J.P. Spiers, M. Waterstone (...), K. McDonald, M.T. Ledwidge]
- PHYSIOLOGY
- Barad, Zsuzsanna**, 'Effects of salt loading on the organisation of microtubules in rat magnocellular vasopressin neurones', *Journal of Neuroendocrinology*, 32, 2 (2020), e12817 [A.I. Hicks, Z. Barad, A. Sobrero (...), K.Y. Choe, M. Prager-Khoutorsky]
- 'Sex differences in rapid nonclassical action of 17 β -oestradiol on intracellular signalling and oestrogen receptor - expression in basal forebrain cholinergic neurones in mouse', *Journal of Neuroendocrinology*, 32, 1 (2020), e12830 [S. Kim, Z. Barad, R.Y. Cheong, I.M. Ábrahám]
- 'Unique organization of actin cytoskeleton in magnocellular vasopressin neurons in normal conditions and in response to salt-loading', *eNeuro*, 7, 2 (2020), <http://dx.doi.org/10.1523/eneuro.0351-19.2020> [Z. Barad, S. Jacob-Tomas, A. Sobrero (...), K.Y. Choe, M. Prager-Khoutorsky]
- 'Impaired prolactin transport into the brain and functional responses to prolactin in aged male mice', *Journal of Neuroendocrinology*, 32, 8 (2020), e12889 [Z. Barad, Z. Khant Aung, D.R. Grattan, S.R. Ladyman R.S.E. Brown]
- Boto, Tamara**, 'Developmental loss of neurofibromin across distributed neuronal circuits drives excessive grooming in *Drosophila*', *PLoS Genetics*, 16, 7 (2020), e1008920 [L.B. King, T. Boto, V. Botero (...), J.A. Walker, S.M. Tomchik]

Recent publications – Faculty of Health Sciences

- 'Cellular and circuit mechanisms of olfactory associative learning in *Drosophila*', *Journal of Neurogenetics*, 34, 1 (2020), 36-46 [T. Boto, A. Stahl, S.M. Tomchik]
- Dev, Kumlesh**, 'Spatiotemporal immunolocalisation of REST in the brain of healthy ageing and Alzheimer's disease rats', *FEBS Open Bio*, 11 (2021), 146-163 [M. Mampay, M. Velasco-Estevez, S.O. Rolle (...), K.K. Dev *et al.*]
- 'EBI2 is temporarily upregulated in MO3.13 oligodendrocytes during maturation and regulates remyelination in the organotypic cerebellar slice model', *Int J Mol Sci.*, 22(2021), 4342 [M. Velasco-Estevez, N. Koch, I. Klejbor (...), K.K. Dev *et al.*]
- Egana, Mikel**, 'Time course of changes in $\dot{V}O_{2peak}$ and O_2 extraction during ramp cycle exercise following HIIT versus moderate-intensity continuous training in type 2 diabetes', *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, 320, 5 (2021), R683-R696 [N. Gildea, A. McDermott, J. Rocha, D. O'Shea, S. Green, M. Egaña]
- 'Time-course of $\dot{V}O_2$ kinetics responses during moderate-intensity exercise subsequent to HIIT versus moderate-intensity continuous training in type 2 diabetes', *Journal of Applied Physiology*, 130, 6 (2021), 1646-1659 [N. Gildea, A. McDermott, J. Rocha, D. O'Shea, S. Green, M. Egaña]
- Guillot-Sestier, Marie-Victoire**, 'Microglial metabolism is a pivotal factor in sexual dimorphism in Alzheimer's disease', *Commun Biol*, 4, 1 (2021), 711 [M.V. Guillot-Sestier, A.R. Araiz, V. Mela (...), E.L. Mills, M.A. Lynch]
- Lynch, Marina**, 'Microglial metabolism is a pivotal factor in sexual dimorphism in Alzheimer's disease', *Commun Biol*, 4, 1 (2021), 711 [M.V. Guillot-Sestier, A.R. Araiz, V. Mela (...), E.L. Mills, M.A. Lynch]
- Williamson, Wilby**, 'Gray matter volume in the right angular gyrus is associated with differential patterns of multisensory integration with aging', *Neurobiology of Aging*, 100 (2021), 83-90 [R.J. Hirst, R. Whelan, R. Boyle (...), W. Williamson *et al.*]
- 'Obesity is associated with reduced cerebral blood flow - modified by physical activity', *Neurobiology of Aging*, 105 (2021), 35-47 [S.P. Knight, E. Laird, W. Williamson (...), J.F. Meaney, R.A. Kenny]
- 'Association of preterm birth with myocardial fibrosis and diastolic dysfunction in young adulthood', *Journal of the American College of Cardiology* (2021), 683-692 [A.J. Lewandowski, B. Raman, M. Bertagnolli (...), W. Williamson *et al.*]
- 'Association of systolic blood pressure elevation with disproportionate left ventricular remodeling in very preterm-born young adults: the preterm heart and elevated blood pressure', *JAMA Cardiology* (2021), doi:10.1001/jamacardio.2021.09 [A. Mohamed, M. Marciniak, W. Williamson (...), P. Leeson, A.J. Lewandowski]

PHYSIOTHERAPY

- Alpine, Lucy**, 'Performance-based assessment during clinical placement; cross sectional investigation of a training workshop for practice educators', *Nursing and Health Sciences* (2021), 1-10 [L.M. Alpine, A. O' Connor, M. McGuinness, E.M. Barrett]
- Barrett, Emer**, 'Development and proposed evaluation of an eHealth learning tool for undergraduate university students in Ireland', *Health Promotion International* (2021), 1-14 [C.D. Darker, E. Moore, E. Flynn (...), E. Barrett *et al.*]
- 'Time and belief in exercise importance predict increased activity during initial covid-19 restrictions in Ireland', *Health Promotion International* (2021), <http://hdl.handle.net/2262/96782> [C. Forde, J. Wyse, E.M. Barrett]
- Broderick, Julie**, 'Markedly poor physical functioning status of people experiencing homelessness admitted to an acute hospital setting', *Scientific Reports*, 11, 9911 (2021), <http://dx.doi.org/10.1038/s41598-021-88590-0> [S. Kiernan, C. Ní Cheallaigh, N. Murphy, J. Dowds, J. Broderick]

Recent publications – Faculty of Health Sciences

- 'Health-related quality of life in narcolepsy: a systematic review and meta-analysis', *Journal of Sleep Medicine*, 00:e13383(2021), <http://hdl.handle.net/2262/96485> [R. Tandrous, D. O'Rourke, D. Mockler, J. Broderick]
- 'Behaviour change and physical activity interventions for physical activity engagement in community dwelling adults with chronic obstructive pulmonary disease: protocol for a systematic review', *HRB Open Research*, 4, 110 (2022), <http://dx.doi.org/10.12688/hrbopenres.13399.1> [C. Hanrahan, J. Broderick, T. O'Connor, J.G. McVeigh]
- Dockrell, Sara**, 'Does exercise therapy improve pulmonary function in patients with adolescent idiopathic scoliosis?', *Physiotherapy Theory and Practice* (2022), <http://hdl.handle.net/2262/98151> [A. Rafferty, N. Fleming, P. Kiely, D. Mockler, S. Dockrell]
- Forde, Cuisle**, 'Time and belief in exercise importance predict increased activity during initial covid-19 restrictions in Ireland', *Health Promotion International* (2021), <http://hdl.handle.net/2262/96782> [C. Forde, J. Wyse, E.M. Barrett]
- Hussey, Juliette**, 'Preoperative high intensity interval training for oncological resections: a systematic review and meta-analysis', *Surgical Oncology*, 38 (2021), 101620 [E. Smyth, L. O'Connor, D. Mockler, J.V. Reynolds, J. Hussey, E. Guinan]
- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), J. Hussey, J.N. O'Sullivan]
- 'Physical recovery in the first six months following oesophago-gastric cancer surgery. Identifying rehabilitative needs: a qualitative study', *Disability and Rehabilitation*, 43, 10 (2021), 1396-1403 [L. O'Neill, A.E. Bennett, E. Guinan, J.V. Reynolds, J. Hussey]
- 'Identifying outcomes reported in exercise interventions in oesophagogastric cancer survivors: a systematic review', *BMC Cancer*, 21 (2021), 586 [L. O'Connor, E. Smyth, A.E. Bennett (...), J. Hussey, E. Guinan]
- 'The effectiveness of nutrition interventions combined with exercise in upper gastrointestinal cancers: a systematic review', *Nutrients*, 13, 8 (2021), 2842 [F. Sadeghi, D. Mockler, E. Guinan, J. Hussey, S. Doyle]
- 'Circulating tumour cell numbers correlate with platelet count and circulating lymphocyte subsets in men with advanced prostate cancer: data from the ExPeCT clinical trial (CTRIAL-IE 15-21)', *Cancers*, 13, 8 (2021), 4690 [B. Hayes, I. Brady, G. Sheill (...), J. Hussey *et al.*]
- O'Neill, Linda**, 'Prehabilitation during a pandemic: preoperative exercise to improve fitness in patients undergoing complex surgery for cancer of the lung or oesophagus, the PRE-HIIT trial: an updated study protocol', *HRB Open Research*, 4 (2021), 4 [G. Sheill, E. Guinan, L. O'Neill (...), J.V. Reynolds, J. Hussey]
- 'Identifying outcomes reported in exercise interventions in oesophagogastric cancer survivors: a systematic review', *BMC Cancer*, 21, 586 (2021), 1-9 [L. O'Connor, E. Smyth, A.E. Bennett (...), J. Hussey, E.M. Guinan]
- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), L.M. O'Neill *et al.*]
- 'Methods for conducting international Delphi surveys to optimise global participation in core outcome set development: a case study in gastric cancer informed by a comprehensive literature review', *Trials* (2021), <https://doi.org/10.1186/s13063> [B. Alkhaffaf, J.M. Blazeby]
- 'Exercise and chronic health conditions in the community: a qualitative study of patients and fitness instructors', *Health and Social Care in the Community* (2021), <http://dx.doi.org/10.1111/hsc.13288> [G. Sheill, M. Hennessy, L. O'Neill, S. Reynolds, J. Towns, M. Gill, E. Guinan]

Recent publications – Faculty of Health Sciences

'Physical therapists in oncology settings: experiences in delivering cancer rehabilitation services, barriers to care, and service development needs', *Physical Therapy* (2022), <https://doi.org/10.1093/ptj/pzab287> [L. Brennan, G. Sheill, L. O'Neill, L. O'Connor, E. Smyth, E. Guinan]

Wilson, Fiona, 'Measuring spinal mobility using an inertial measurement unit system: a reliability study in axial spondyloarthritis', *Diagnostics* (2021), <https://doi.org/10.3390/diagnostics11030490> [M. O'Grady, T. O'Dwyer, J. Connolly (...), P. Gardiner, F. Wilson]

'Body mass and body composition changes over 7 years in a male professional rugby union team', *International Journal of Sports Medicine* (2021), <http://dx.doi.org/10.1055/a-1403-2906> [C. McHugh, K. Hind, A. O'Halloran, D. Davey, G. Farrel, F. Wilson]

'The toll of unemployment in axial spondyloarthritis: high prevalence and negative impact on outcomes captured in a national registry', *Scandinavian Journal of Rheumatology* (2021), <http://hdl.handle.net/2262/97552> [S. Maguire, F. Wilson, P. Gallagher, F. O'Shea]

'High prevalence of abdominal obesity in females with axial spondyloarthritis', *Annals of the Rheumatic Diseases, EULAR*, Online (2021), 738 [S. Maguire, F. Wilson, P. Gallagher, F. O'Shea]

'Worse scores but similar patterns of disease activity: interpreting outcomes in women with axial spondyloarthritis', *Scandinavian Journal of Rheumatology*, 00(2022), 1-8 [S. Maguire, F. Wilson, P. Gallagher, F. O'Shea]

PSYCHIATRY

Bokde, Arun, 'Relationship between MRI scoring systems and neurodevelopmental outcome at two years in infants with neonatal encephalopathy', *Pediatr Neurol*, 126 (2022), 35-42 [M. Ní Bhroin, L. Kelly, D. Sweetman (...), E.J. Molloy, A.L.W. Bokde]

Cooney, John, 'Homelessness, emergency care and mental health. Inner-city emergency department psychiatry referrals: a retrospective descriptive analysis', *Irish Journal of Medical Science (1971-)* (2020), 1-4 [A. McLoughlin, A. Aoibheann, J. Cooney]

'The suburban-city divide: an evaluation of emergency department mental health presentations across two centres', *Irish Journal of Medical Science (1971-)* (2021), 1-6 [C. McLoughlin, A. McLoughlin, S. Jain, A. Abdalla, J. Cooney, S. MacHale]

Davoren, Mary, 'Deficit not bias: a quantifiable neuropsychological model of delusions', *Schizophrenia Research*, 222 (2020), 496-498 [K. O'Reilly, P. O'Connell, A. Ryan (...), M. Davoren *et al.*]

'Security needs among patients referred for high secure care in Broadmoor Hospital England', *BJPsych Open*, 6, 4 (2020), e55 [H.K. Williams, M. Senanayke, C.C. Ross, R. Bates, M. Davoren]

'Outcome measures of risk and recovery in Broadmoor high secure forensic hospital: stratification of care pathways and moves to medium secure hospitals', *BJPsych Open*, 6, 4 (2020), e74 [S. McCullough, C. Stanley, H. Smith (...), R. Bates, M. Davoren]

'A tool to evaluate proportionality and necessity in the use of restrictive practices in forensic mental health settings: the DRILL tool (Dundrum Restriction, Intrusion and Liberty Ladders)', *BMC Psychiatry*, 20, 1 (2020), 515 [H.G. Kennedy, R. Mullaney, P. McKenna (...), K. O'Reilly, M. Davoren]

'Risk of adverse outcome of covid-19 among patients in secure psychiatric services: observational cohort study', *BJPsych Open*, 7, 1 (2021), e31 [N. Basrak, N. Mulcrone, S. Sharifuddin (...), H.G. Kennedy, M. Davoren]

'Forensic psychiatry and covid-19: accelerating transformation in forensic psychiatry', *Irish Journal of Psychological Medicine* (2020), 1-9 [H.G. Kennedy, D. Mohan, M. Davoren]

'Uses of video recorded interviews in court by clinical expert witnesses', *Criminal Behaviour And Mental Health: CBMH*, 31, 4 (2021), 226-230 [J. Gunn, A. Calcedo, H.J. Albrecht (...), M. Davoren, P.J. Taylor]

Recent publications – Faculty of Health Sciences

- Dodd, Philip**, 'An exploratory study of self-reported complicated grief symptoms in parentally bereaved adults with intellectual disability', *Journal of Intellectual Disability Research*, 65, 4 (2021), 297-305 [P. Dodd, J. McEvoy, K. Lockhart, T. Burke, L. O'Keeffe, S. Guerin]
- 'Childhood trauma and adult mental disorder: a systematic review and meta-analysis of longitudinal cohort studies', *Acta Psychiatrica Scandinavica*, 143, 3 (2021), 189-205 [M.T. McKay, M. Cannon, D. Chambers (...), P. Dodd *et al.*]
- 'Complicated grief knowledge and practice: a qualitative study of general practitioners in Ireland', *Irish Journal of Psychological Medicine* (2021), <http://dx.doi.org/10.1017/ipm.2020.122> [A. Muhammed, A. Dodd, S. Guerin, S. Delaney, P. Dodd]
- 'Exposition and application of a framework for integration in a mixed methods study: a case study from complicated grief', *Journal of Mixed Methods Research* (2020), <http://dx.doi.org/10.1177/1558689820979129> [A. Dodd, S. Guerin, S. Delaney, P. Dodd]
- 'Complicated grief knowledge, attitudes, skills, and training among mental health professionals: a qualitative exploration', *Death Studies* (2020), <http://dx.doi.org/10.1080/07481187.2020.1741048> [A. Dodd, S. Guerin, S. Delaney, P. Dodd]
- 'Complicated grief: how is it conceptualized by professionals?', *Journal of Loss and Trauma*, 26, 1 (2021), 35-47 [A. Dodd, S. Guerin, S. Delaney, P. Dodd]
- 'Bereavement, grief reactions and end of life', *Mental Health, Intellectual and Developmental Disabilities and the Ageing Process*, eds V. Prasher, P. Davidson, F. Santos, USA, Springer (2021), 147-161 [S. Guerin, D. O'Riordan, D. Boland, P. Dodd]
- Gallagher, Louise**, 'Autism spectrum disorder genomics: the progress and potential of genomic technologies', *Genomics*, 112, 6 (2020), 5136-5142 [F. Ni Ghralaigh, L. Gallagher, L.M. Lopez]
- Gill, Michael**, 'Exercise and chronic health conditions in the community: a qualitative study of patients and fitness instructors', *Health and Social Care in the Community* (2021), <http://dx.doi.org/10.1111/hsc.13288> [G. Sheill, M. Hennessy, L. O'Neill (...), M. Gill, E. Guinan]
- Heron, Elizabeth**, 'Converting single nucleotide variants between genome builds: from cautionary tale to solution', *Briefings in Bioinformatics* (2021), <http://dx.doi.org/10.1093/bib/bbab069> [C. Ormond, N.M. Ryan, A. Corvin, E.A. Heron]
- 'Influence of inter-observer delineation variability on radiomic features of the parotid gland', *Physica Medica*, 82 (2021), 240-248 [E. Forde, M. Leech, C. Robert, E. Heron, L. Marignol]
- Kelly, Brendan**, 'Police involvement in involuntary psychiatry admission: a report from the Dublin Involuntary Admission Study (DIAS)', *Psychiatric Services*, 71, 12 (2020), 1292-1295 [A. Feeney, E. Umama-Agada, A. Curley, M. Asghar, B.D. Kelly]
- 'England's rate of involuntary psychiatric admission is double that of the Republic of Ireland: why? A consideration of some possible causes', *Medicine, Science and the Law*, (2021), <https://doi.org/10.1177/00258024211029071> [R. Conlan-Trant, B.D. Kelly]
- 'From nowhere to nowhere. Homelessness and incarceration: a systematic review and meta-analysis', *International Journal of Prisoner Health*, (2021), <https://doi.org/10.1108/IJPH-01-2021-0010> [A.Y. Bashir, N. Moloney, M.E. Elzain (...), B.D. Kelly, G. Gulati]
- 'Homelessness amongst psychiatric inpatients: a cross-sectional study in the mid-west of Ireland', *Irish Journal of Medical Science*, (2021), <https://doi.org/10.1007/s11845-021-02546-x> [N. Moloney, P. O'Donnell, M. Elzain, A. Bashir, C.P. Dunne, B.D. Kelly, G. Gulati]
- 'Vocally disruptive behaviour in nursing home residents in Ireland: a descriptive study', *Irish Journal of Psychological Medicine*, (2020), <https://doi.org/10.1017/ipm.2020.124> [C. Nwogbunyama, B.D. Kelly, C. Cooney]
- 'What is the role of doctors in respect of suspects with mental health and intellectual disabilities in police custody?', *Irish Journal of Psychological Medicine*, (2021), <https://doi.org/10.1017/ipm.2021.25> [G. Gulati, B.D. Kelly, W. Cullen (...), S. Kilcommins, C.P. Dunne]

Recent publications – Faculty of Health Sciences

- 'Voluntary and involuntary admissions with schizoaffective disorder: do they differ from schizophrenia?', *Irish Journal of Psychological Medicine*, (2020), <https://doi.org/10.1017/ijpm.2020.123> [A. Feeney, E. Umama-Agada, A. Curley, C. Anamdi, M. Asghar, B.D. Kelly]
- 'Psychiatrists and homicidal threats: a cross-sectional study', *Irish Journal of Psychological Medicine*, (2021), <https://doi.org/10.1017/ijpm.2021.14> [M. Elzain, A. Bashir, N. Moloney, C.P. Dunne, B.D. Kelly, G. Gulati]
- 'Involuntary status and mental capacity for treatment decisions under Sections 4, 3, and 57 of Ireland's Mental Health Act, 2001: analysis and recommendations for reform', *Irish Journal of Psychological Medicine*, (2021), <https://doi.org/10.1017/ijpm.2020.136> [K. Reidy, B.D. Kelly]
- 'Rise in violence in general practice settings during the covid-19 pandemic: implications for prevention', *Family Practice*, 38, 5 (2021), 696-698 [G. Gulati, B.D. Kelly, C.P. Dunne, L. Glynn]
- 'Mental capacity, human rights, and the UN's convention on the rights of persons with disabilities', *Journal of the American Academy of Psychiatry and the Law*, 49, 2 (2021), 152-156 [B.D. Kelly]
- 'Quarantine, restrictions and mental health in the covid-19 pandemic', *QJM*, 114, 2 (2021), 93-94 [B.D. Kelly]
- 'Challenges for people with intellectual disabilities in law enforcement interactions in Ireland; thematic analysis informed by 1537 person-years' experience', *International Journal of Law and Psychiatry*, 75, 101683 (2021), <https://doi.org/10.1016/j.ijlp.2021.101683> [G. Gulati, A. Cusack, J. Bogue (...), B.D. Kelly et al.]
- 'The association between perceived coercion on admission and formal coercive practices in an inpatient psychiatric setting', *International Journal of Law and Psychiatry*, 75, 101680 (2021), <https://doi.org/10.1016/j.ijlp.2021.101680> [A.K. O'Callaghan, R. Plunkett, B.D. Kelly]
- 'Dignity: the elephant in the room in psychiatric inpatient care? A systematic review and thematic synthesis', *International Journal of Law and Psychiatry*, 75, 101672 (2021), <https://doi.org/10.1016/j.ijlp.2021.101672> [R. Plunkett, B.D. Kelly]
- 'Is there a human legal right to mental health?', *Studies in Arts and Humanities*, 6, 1 (2020), 5-13 [B.D. Kelly, R.M. Duffy, G. Gulati]
- 'Impact of covid-19 on mental health in Ireland: evidence to date', *Irish Medical Journal*, 113, 10 (2020), 214-217 [B.D. Kelly]
- 'Physician suicide and the covid-19 pandemic', *Occupational Medicine*, 70, 7 (2020), 514 [G. Gulati, B.D. Kelly]
- 'Mental health, mental capacity, ethics, and the law in the context of covid-19 (coronavirus)', *International Journal of Law and Psychiatry*, 73, 101632 (2020), <https://doi.org/10.1016/j.ijlp.2020.101632> [B.D. Kelly, E. Drogin, B. McSherry, M. Donnelly]
- 'Mental health services in the wake of covid-19 and opportunities for change: author's reply', *British Journal of Psychiatry*, 217, 6 (2020), 726-727 [B.D. Kelly]
- 'Psychiatrists and physical health competencies: a cross-sectional survey', *Irish Journal of Psychological Medicine*, (2021), <https://doi.org/10.1017/ijpm.2021.35> [M. O'Donnell, V. Pradeep, C.P. Dunne, D. Meagher, B.D. Kelly, G. Gulati]
- Lawlor, Brian**, 'Potentially inappropriate medication use in older adults with mild-moderate Alzheimer's disease: prevalence and associations with adverse events', *Age and Ageing* (2020), <http://hdl.handle.net/2262/96244> [C. Murphy, A.H. Dyer, B. Lawlor, S.P. Kennelly]
- 'Sedative load in community-dwelling older adults with mild-moderate Alzheimer's disease: longitudinal relationships with adverse events, delirium and falls', *Drugs and Aging* (2020), <https://doi.org/10.1007/s40266-020-00800-y> [A.H. Dyer, C. Murphy, B. Lawlor, S.P. Kennelly]
- 'NeuroExercise: the effect of a 12-month exercise intervention on cognition in mild cognitive impairment - a multicenter randomized controlled trial', *Frontiers in Aging Neuroscience*, 12(2020), 621947 [T. Stuckenschneider, M.L. Sanders, K.E. Devenney (...), B. Lawlor et al.]

Recent publications – Faculty of Health Sciences

- 'Family members' attitudes towards telling the patient with Alzheimer's disease their diagnosis: a 20-year repeat study', *European Geriatric Medicine* (2021), <http://dx.doi.org/10.1007/s41999-021-00464-w> [M.M.C. O'Brien, O. Hannigan, C. Power, B. Lawlor, D. Robinson]
- 'Clustering of behavioural symptoms and their associations with cognitive decline in older adults', *JAMDA: Journal of the American Medical Directors Association* (2020), <http://hdl.handle.net/2262/92745> [G. Peeters, R. Romero-Ortuno, B. Lawlor, R.A. Kenny, J. McHugh Power]
- McCarthy-Jones, Simon, 'A review of multimodal hallucinations: categorization, assessment, theoretical perspectives, and clinical recommendations', *Schizophrenia Bulletin*, 47, 1 (2021), 237-248 [M. Montagnese, P. Leptourgos, C. Fernyhough (...), S. McCarthy-Jones *et al.*]
- 'The role of inner speech on the association between childhood adversity and 'hearing voices'', *Psychiatry Research*, 286 (2020), 112866 [C. Rosen, S. McCarthy-Jones, K.A. Chase (...), N. Sudhakar, R.P. Sharma]
- McLoughlin, Declan, 'Blood plasma B vitamins in depression and the therapeutic response to electroconvulsive therapy', *Brain, Behavior and Immunity Health* (2020), <https://doi.org/10.1016/j.bbih.2020.100063> [K.M. Ryan, K.A. Allers, A. Harkin, D.M. McLoughlin]
- 'Speed of electroconvulsive therapy for depression: effects of electrode placement', *Acta Psychiatrica Scandinavica* (2021), <https://doi.org/10.1111/acps.13286> [C.A. Fox, D.M. McLoughlin]
- 'A critique of narrative reviews of the evidence-base for ECT in depression', *Epidemiology and Psychiatric Sciences*, 31 (2022), e10 [C.F. Meechan, K.R. Laws, A.H. Young, D.M. McLoughlin, S. Jauhar]
- 'PBMC telomerase activity in depression and the response to electroconvulsive therapy', *European Archives of Psychiatry and Clinical Neuroscience*, 271, 7 (2021), 1297-1307 [K.M. Ryan, M. Finnegan, A. Harkin, D.M. McLoughlin]
- 'Variations in seasonal solar insolation are associated with a history of suicide attempts in bipolar I disorder', *International Journal of Bipolar Disorders*, 9, 1 (2021), 26 [M. Bauer, T. Glenn, E.D. Achtyes (...), Y. Zgueb, P.C. Whybrow]
- 'Microglia and their LAG3 checkpoint underlie the antidepressant and neurogenesis-enhancing effects of electroconvulsive stimulation', *Molecular Psychiatry* (2021), <http://dx.doi.org/10.1038/s41380-021-01338-0> [N. Rimmerman, H. Verdiger, H. Goldenberg (...), D.M. McLoughlin *et al.*]
- 'Decision-making capacity for treatment after electroconvulsive therapy for depression', *The Journal of ECT* (2021), <http://dx.doi.org/10.1097/yct.0000000000000804> [O. Loughran, M. Finnegan, I. Dud, T. Galligan, M. Kennedy, D.M. McLoughlin]
- 'Usefulness of Hamilton rating scale for depression subset scales and full versions for electroconvulsive therapy', *PLoS ONE*, 16, 11 (2021), e0259861 [C. Fenton, D.M. McLoughlin]
- 'Interrogating associations between polygenic liabilities and electroconvulsive therapy effectiveness', *Biological Psychiatry* (2021), <http://dx.doi.org/10.1016/j.biopsych.2021.10.013> [J.J. Luykx, D. Loef, B. Lin (...), D.M. McLoughlin *et al.*]
- 'Relapse following bitemporal and high-dose right unilateral electroconvulsive therapy for major depression', *Acta Psychiatrica Scandinavica*, 144, 3 (2021), 218-229 [A. Jelovac, E. Kolshus, D.M. McLoughlin]
- 'Electroconvulsive therapy for depression: 80 years of progress', *The British Journal of Psychiatry: the Journal of Mental Science*, 219, 5 (2021), 594-597 [G. Kirov, S. Jauhar, P. Sienaert, C.H. Kellner, D.M. McLoughlin]
- 'Online news media reporting of ketamine as a treatment for depression from 2000 to 2017', *Irish Journal of Psychological Medicine* (2021), 1-9 [B. Gallagher, A. Neiman, M.C. Slattery, D.M. McLoughlin]
- 'Telomere length in patients with anorexia nervosa', *Psychiatry Research Communications*, 2, 1 (2022), 100022 [E. Doody, K.M. Ryan, C. O'Toole, D.M. McLoughlin]

Recent publications – Faculty of Health Sciences

- 'Nursing home staff mental health during the covid-19 pandemic in the Republic of Ireland', *International Journal of Geriatric Psychiatry*, 37, 1 (2021), <https://doi.org/10.1002/gps.5648> [C. Brady, C. Fenton, O. Loughran, A. Higgins, D. McLoughlin]
- O'Neill, *Conor*, 'A 25-year dynamic ecological analysis of psychiatric hospital admissions and prison committals: Penrose's hypothesis updated', *Irish Journal of Psychological Medicine*, 38, 3 (2021), 182-185 [C.J. O'Neill, B.D. Kelly, H.G. Kennedy]
- Scully, *Paul*, 'Systematic comparison of duration of untreated illness versus duration of untreated psychosis in relation to psychopathology and dysfunction in the Cavan-Monaghan First Episode Psychosis Study (CAMFEPS)', *European Neuropsychopharmacology*, 47 (2021), 20-30 [N. Nkire, P.J. Scully, D.J. Browne (...), V. Russell, J.L. Waddington]
- 'Systematic epidemiological and clinical comparisons across all 12 DSM-IV psychotic diagnoses in the Cavan-Monaghan First Episode Psychosis Study (CAMFEPS)', *Psychological Medicine*, 51, 4 (2021), 607-616 [N. Nkire, P.J. Scully, D.J. Browne (...), V. Russell, J.L. Waddington]
- Tropea, *Daniela*, 'The role of microglia in neurodevelopmental disorders and their therapeutics', *Current Topics in Medical Chemistry*, 20, 4 (2020), 272-276 [R. Coomey, R. Stowell, A. Majewska, D. Tropea]
- 'Functional network mapping reveals state-dependent response to IGF-1 treatment in Rett Syndrome', *Brain Sciences*, 10, 5 (2020), 515-520 [C. Keogh, G. Pini, I. Gemo, W. Kaufmann, D. Tropea]
- 'Methyl-CpG2-binding protein 2 mediates overlapping mechanisms across brain disorders', *Scientific Reports*, 10, 1 (2020), <http://hdl.handle.net/2262/96211> [S. Bach, N. M. Ryan, P. Guasoni, A. Corvin, D. Tropea]
- PUBLIC HEALTH AND PRIMARY CARE
- Allwright, *Shane*, 'Development and proposed evaluation of an eHealth learning tool for undergraduate university students in Ireland', *Health Promotion International* (2021), 1-14 [C.D. Darker, E. Moore, E. Flynn (...), S. Allwright *et al.*]
- Barry, *Sarah*, 'Implementing integrated care in practice-learning from MDTs driving the integrated care programme for older persons in Ireland', *International Journal of Integrated Care*, 21 (1):15, (1) (2021), 1-11 [S. Barry, M. Ní Fhallúin, S. Thomas, P.J. Harnett, S. Burke]
- Burke, *Sara*, 'Implementing integrated care in practice - learning from MDTs driving the integrated care programme for older persons in Ireland', *International Journal of Integrated Care*, 21 (1):15, (1) (2021), 1-11 [S. Barry, M. Ní Fhallúin, S. Thomas, P.J. Harnett, S. Burke]
- 'Obstacles to public health that even pandemics cannot overcome: the politics of covid-19 on the island of Ireland', *Irish Studies in International Affairs*, 32, 2 (2021), 225 -246 [A. Nolan, S. Burke, E. Burke (...), K. Tobin, G. Scally]
- 'Contexts and mechanisms that promote access to healthcare for populations experiencing homelessness: a realist review', *BMJ Open*, 11, 4 (2021), e043091 [R. Siersbaek, J.A. Ford, S. Burke, C. Ní Cheallaigh, S. Thomas]
- Darker, *Catherine*, 'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin (...), A. Nolan, J.M. Barry]
- Hayes, *Catherine*, 'Cost-effectiveness analysis of a Pre-Exposure Prophylaxis (PrEP) programme in Ireland', *Value in Health*, 24, 7 (2021), 948-956 [E. Ó Murchú, C. Teljeur, C. Hayes, P. Harrington, P. Moran, M. Ryan]
- 'Not really a smoker? A study on the prevalence of and attitudes to occasional social smoking in a third level institution in Ireland', *Irish Journal of Medical Science (1971-)*, 190(2021), 941-948 [S.R. Murray, S.J. Lyne, M.D. Cryan, M. Mullin, D. McGrath, C.B. Hayes]

Recent publications – Faculty of Health Sciences

- 'A cluster-randomised crossover pilot feasibility study of a multicomponent intervention to reduce occupational sedentary behaviour in professional male employees', *International Journal of Environmental Research and Public Health*, 18, 17 (2021), 9292 [G.H. Nicolson, C.B. Hayes, C.D. Darker]
- 'The usability and applicability of knowledge translation theories, models, and frameworks for research in the context of a national health service', *Health Research Policy and Systems*, 19, 1 (2021), <http://hdl.handle.net/2262/97599> [V. Minogue, K. Matvienko-Sikar, C. Hayes, M. Morrissey, G. Gorman, A. Terres]
- 'Recruiting 'hard to reach' parents for health promotion research: experiences from a qualitative study', *BMC Research Notes*, 14, 276 (2021), <http://hdl.handle.net/2262/97600> [L. Tully, E. Spyrelli, V. Allen-Walker (...), C. Hayes *et al.*]
- 'A collaborative approach to developing sustainable behaviour change interventions for childhood obesity prevention: development of the Choosing Healthy Eating for Infant Health (CHERISH) intervention and implementation strategy', *British Journal of Health Psychology*, 25, 2 (2020), 275-304 [E. Toomey, K. Matvienko-Sikar, E. Doherty (...), C. Hayes *et al.*]
- 'Peer-delivery of a gender-specific smoking cessation intervention for women living in disadvantaged communities in Ireland We Can Quit2 (WCQ2) - a pilot cluster randomized controlled trial', *Nicotine and Tobacco Research*, 24, 4 (2022), 564-573 [C.B. Hayes, J. Patterson, S. Castello (...), D. Declan, N. Dougall]
- 'Maternal prenatal anxiety, depression and stressful life events and trajectories of cardiometabolic risk factors across childhood and adolescence: a prospective cohort study', *BMJ Open* (2021), <http://hdl.handle.net/2262/97870> [K. Matvienko-Sikar, K.N. O' Neill, A. Fraser (...), C.B. Hayes *et al.*]
- 'An application of PRECIS-2 to evaluate trial design in a pilot cluster randomised controlled trial of a community-based smoking cessation intervention for women living in disadvantaged areas of Ireland', *Pilot and Feasibility Studies*, 8, 19 (2022), <http://hdl.handle.net/2262/97869> [C. Darker, K. Loudon, N. O'Connell (...), L. Bauld, C.B. Hayes]
- 'The we can quit2 smoking cessation trial: knowledge exchange and dissemination following a community-based participatory research approach', *International Journal of Environmental Research and Public Health*, 19, 4 (2022), 2333 [S. Castello, C.D. Darker, J. Vance, N. Dougall, L. Bauld, C.B. Hayes]
- Ivers, Jo-Hanna, 'Development and proposed evaluation of an eHealth learning tool for undergraduate university students in Ireland', *Health Promotion International* (2021), 1-14 [C.D. Darker, E. Moore, E. Flynn (...), J. Ivers *et al.*]
- 'Inkspots and ice cream cones: a model of recovery contagion and growth', *Addiction Research and Theory* (2021), doi.org/10.1080/16066359.2021.1986699 [D. Best, J. Ivers]
- 'Estimation of palliative care needs of people experiencing homelessness using mortality data and cause-of-death', *Palliative Care Medicine* (2021), SPCARE 2021; 11, 1, A1-A63 [A. Conneely, J. Ivers, J. Barry, E. Dunne, N. O'Leary, C. Ni Cheallaigh]
- Keenan, Eamon, 'HIV outbreaks among people who inject drugs in Europe, North America, and Israel', *The Lancet HIV*, 7, 6 (2020), e434-e442 [D. Jarlais, D.C. Sypsa, V. Feelemyer (...), E. Keenan *et al.*]
- 'Do interruptions to the continuity of methadone maintenance treatment in specialist addiction settings increase the risk of drug-related poisoning deaths? A retrospective cohort study', *Addiction* (2020), <https://doi.org/10.1111/add.15004> [L. Durand, D. O'Driscoll, F. Boland (...), E. Keenan *et al.*]

Recent publications – Faculty of Health Sciences

- 'Factors associated with early or later dropout from methadone maintenance treatment in specialist addiction clinics: a six year cohort study using proportional hazards frailty models for recurrent treatment episodes', *Drug and Alcohol Dependence*, 219 (2021), <http://dx.doi.org/10.1016/j.drugalcdep.2020.108466> [L. Durand, F. Boland, D. O'Driscoll (...), E. Keenan *et al.*]
- 'Drug use, harm-reduction practices and attitudes toward the utilisation of drug safety testing services in an Irish cohort of festival-goers', *Irish Journal of Medical Science* (2021), <http://dx.doi.org/10.1007/s11845-021-02765-2> [J. Ivers, N. Killeen, E. Keenan]
- 'An overview of recent advances in opioid agonist treatment (OAT)', *Irish Journal of Psychological Medicine* (2021), <http://dx.doi.org/10.1017/IPM.2021.62> [M. McNicholas M. Scully E. Keenan]
- 'A systematized review of drug-checking and related considerations for implementation as a harm reduction intervention', *Journal of Psychoactive Drugs* (2022), <http://dx.doi.org/10.1080/02791072.2022.2028203> [F. Giuliani, E. Keenan, N. Killeen, J. Ivers]
- Lee, Mandy**, 'Common patterns in the public reporting of waiting time and waiting list information: findings from a sample of OECD jurisdictions', *Health Policy*, 125, 8 (2021), 1002-1012 [M. Lee, M. Martin-Carroll, W. Von Mollendorff, C. Condon, M. Kavanagh, S. Thomas]
- May, Peter**, 'Does high covid-19 spread impact neighbouring countries? Evidence from Ireland', *HRB Open Res*, 4 (2021), 56 [R. Ahmed, P. May]
- 'The association between varying levels of palliative care involvement on costs during terminal hospitalizations in Canada from 2012 to 2015', *BMC Health Services Research*, 21, 1 (2021), 331 [S.R. Isenberg, C. Meaney, P. May (...), K. McGrail, A.T. Hsu]
- 'Proportion of deaths in hospital in European countries: trends and associations from panel data (2005-2017)', *European Journal of Public Health* (2021), <http://hdl.handle.net/2262/97138> [J. Jingjing, P. May]
- 'Using predicted length of stay to define treatment and model costs in hospitalized adults with serious illness: an evaluation of palliative care', *Health Economics Review*, 11, 1 (2021), 38 [P. May, C. Normand, D. Noreika, N. Skoro, J.B. Cassel]
- 'Out-of-pocket costs near end of life in low- and middle-income countries: a systematic review', *PLoS Glob Public Health* (2022), <http://hdl.handle.net/2262/97929> [E.A. Reid, A. Ghoshal, K. Khalil, J. Jiang, C. Normand, A. Brackett, P. May]
- 'Effectiveness of a nurse-delivered (FOCUS+) and a web-based (iFOCUS) psychoeducational intervention for people with advanced cancer and their family caregivers (DIAdIC): study protocol for an international randomized controlled trial', *BMC Palliative Care*, 20, 1 (2021), 193 [O. Matthys, A. De Vlemingck, S. Dierickx (...), P. May *et al.*]
- 'Patients with acute respiratory failure at risk for high-intensity, costly care', *Journal of Pain and Symptom Management* (2021), <http://dx.doi.org/10.1016/j.jpainsymman.2021.11.004> [N. Khandelwal, P. May, L.M. Downey, R.A. Engelberg, J.R. Curtis]
- 'Improving care of people with serious medical illness - an economic research agenda for palliative care', *JAMA Health Forum*, 3, 1 (2022), e214464 [M. Jacobson, P. May, R.S. Morrison]
- 'Public health insurance and mortality in the older population: evidence from the Irish Longitudinal Study on Ageing', *Health Policy* (2022), <http://dx.doi.org/10.1016/j.healthpol.2022.01.014> [A. Nolan, P. May, S. Matthews, C. Normand, R.A. Kenny, M. Ward]
- 'Association between hospice enrollment and total health care costs for insurers and families, 2002-2018', *JAMA Health Forum*, 3, 2 (2022), e215104 [M. Aldridge, J. Moreino, K. McKendrick, L. Li, A. Brody, P. May]
- McCarthy, Noel**, 'Genomic epidemiology analysis of infectious disease outbreaks using TransPhylo', *Curr Protoc*, 1, 2 (2021), e60 [X. Didelot, M. Kendall, Y. Xu, P.J. White, N. McCarthy]

Recent publications – Faculty of Health Sciences

- 'Changes in the incidence of invasive disease due to *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Neisseria meningitidis* during the covid-19 pandemic in 26 countries and territories in the invasive respiratory infection surveillance initiative: a prospective analysis of surveillance data', *Lancet Digit Health*, 3, 6 (2021), e360-e370 [A.B. Brueggemann, M.J. Jansen van Rensburg, D. Shaw, S. Vohnova, A. von Gottberg, R.C. Zanella, F. Zhou]
- 'Association between vitamin D supplementation or serum vitamin D level and susceptibility to SARS-CoV-2 infection or covid-19 including clinical course, morbidity and mortality outcomes? A systematic review', *BMJ Open*, 11, 5 (2021), e043737 [A. Grove, O. Osokogu, L. Al-Khudairy (...), N. McCarthy *et al.*]
- 'Contrasting factors associated with covid-19-related ICU admission and death outcomes in hospitalised patients by means of Shapley values', *PLoS Computational Biology*, 17, 6 (2021), e1009121 [M. Cavallaro, H. Moiz, M.J. Keeling, N.D. McCarthy]
- 'Interpreting a lateral flow SARS-CoV-2 antigen test', *BMJ (Clinical Research ed.)*, 373 (2021), n1411 [O.T. Mytton, N. McCarthy, J. Watson, P. Whiting]
- Nolan, Ann**, 'Study protocol for the COvid-19 Toolbox for All IslaNd (CONTAIN) project: a cross-border analysis in Ireland to disentangle psychological, behavioural, media and governmental responses to covid-19', *HRB Open Research* (2020), 10.12688/hrbopenres.13105.1 [C. Darker, N. O'Connell, M. Dempster (...), A. Nolan *et al.*]
- 'Obstacles to public health that even pandemics cannot overcome: The', *Irish Studies in International Affairs*, 32, 2 (2021), 225-246 [A. Nolan, S. Burke, E. Burke (...), K. Tobin, G. Scally]
- 'Lifting the cloak of secrecy: experiences of providing crisis pregnancy counselling in a changing legislative context in Ireland', *Counselling and Psychotherapy Research*, 22, 1 (2021), 22-31 [M. Ryan, A. Nolan, F. Vallières]
- 'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin (...), A. Nolan, J.M. Barry]
- Normand, Charles**, 'Linking death registration and survey data: procedures and cohort profile for the Irish Longitudinal Study on Ageing', *HRB Open Res*, 3, 43 (2020), <http://dx.doi.org/10.12688/hrbopenres.13083.1> [M. Ward, P. May, R. Briggs (...), C. Normand *et al.*]
- 'Discrete choice experiment for eliciting preference for health services for patients with ALS and their informal caregivers', *BMC Health Services Research*, 2021 Mar 9, 21(1) (2021), 213 [k. Tobin, S. Maguire, B. Corr, C. Normand, O. Hardiman, M. Galvin]
- 'Prehabilitation during a pandemic: preoperative exercise to improve fitness in patients undergoing complex surgery for cancer of the lung or oesophagus, the PRE-HIIT trial: an updated study protocol', *HRB Open Research*, 4 (2021), 4 [G. Sheill, E. Guinan, L. O'Neill (...), C. Normand *et al.*]
- 'Public health insurance and mortality in the older population: evidence from the Irish Longitudinal Study on Ageing', *Health Policy* (2022), <http://dx.doi.org/10.1016/j.healthpol.2022.01.014> [A. Nolan, P. May, S. Matthews, C. Normand, R.A. Kenny, M. Ward]
- Reid, Alex**, 'Impact of traumatic perinatal events on burnout rates among midwives', *Occupational Medicine*, 70, 8 (2020), 602-605 [Z. Amir, A.J. Reid]
- 'Letter in response covid-19: the first 100 days in the south of Ireland', *Irish Medical Journal*, 114, 2 (2021), 287-288 [V. Jones, J. Yates, A. Reid]
- Smith, Samantha**, 'Unit costs for non-acute care in Ireland 2016-2019', *HRB Open Research*, 4, 39 (2021), <http://dx.doi.org/10.12688/hrbopenres.13256.1> [S. Smith, J. Jiang, C. Normand, C. O'Neill]
- 'Geographic inequalities in non-acute healthcare supply: evidence from Ireland', *HRB Open Research*, 4, 111 (2021), <http://dx.doi.org/10.12688/hrbopenres.13412.1> [S. Smith, B. Walsh, M.A. Wren (...), J. Eighan, S. Lyons]

Recent publications – Faculty of Health Sciences

- Smith, Susan, 'GPs perceptions of their relationship with the pharmaceutical industry: a qualitative study', *BJGP Open* (2021), BJGPO.2021.0057 [J. Larkin, I. Pericin, M. Collins, S.M. Smith, D. Byrne, F. Moriarty]
- 'Using preprints in evidence synthesis: commentary on experience during the covid-19 pandemic', *Journal of Clinical Epidemiology* (2021), <http://dx.doi.org/10.1016/j.jclinepi.2021.05.010> [B. Clyne, K.A. Walsh, E. O'Murchu (...), S.M. Smith *et al.*]
- 'Development of a primary care research network focused on chronic disease: a feasibility study for both practices and research networks', *HRB Open Research*, 4 (2021), 89 [R. O'Connor, P.J. Murphy, M.E. O'Callaghan (...), S.M. Smith *et al.*]
- 'Evidence synthesis summary formats for clinical guideline development group members: a mixed-methods systematic review protocol', *HRB Open Research*, 4(2021), 76-76 [M.K. Sharp, B. Tyner, D.A.B.A. Baki (...), S.M. Smith *et al.*]
- 'Quality, scope and reporting standards of randomised controlled trials in Irish health research: an observational study', *Trials*, 21, 1 (2020), 494 [B. Clyne, F. Boland, N. Murphy (...), S.M. Smith *et al.*]
- 'Laboratory-based dried blood spot testing for hepatitis C: a protocol for systematic review and meta-analysis of diagnostic accuracy', *HRB Open Research*, 3 (2020), 78 [P.G. Carty, M. McCarthy, S. O'Neill (...), S.M. Smith, M. Ryan]
- 'Effectiveness of face masks worn in community settings at reducing the transmission of SARS-CoV-2: a rapid review', *HRB Open Research*, 3 (2020), 76 [D. Rohde, S. Ahern, B. Clyne (...), S.M. Smith *et al.*]
- 'Airborne transmission of SARS-CoV-2 via aerosols', *Reviews in Medical Virology* (2020), <http://dx.doi.org/10.1002/rmv.2184> [L. Comber, E. O Murchu, L. Drummond (...), S.M. Smith *et al.*]
- 'Alternative clinical specimens for the detection of SARS-CoV-2: a rapid review', *Reviews in Medical Virology* (2020), <http://dx.doi.org/10.1002/rmv.2185> [L. Comber, K.A. Walsh, K. Jordan (...), S.M. Smith *et al.*]
- 'Acceptability and feasibility of conducting a pilot trial in Irish primary care: lessons from the IDEAs study', *HRB Open Research*, 4 (2021), 73 [F. Riordan, K. Murphy, C. Bradley (...), S.M. Smith, S.M. McHugh]
- 'A scoping review protocol of evidence-based guidance published by general practitioner professional organisations', *HRB Open Research*, 4 (2021), 53 [E. O'Brien, B. Clyne, S.M. Smith, N. O'Herlihy, V. Harkins, E. Wallace]
- 'The experience of financial burden for people with multimorbidity: a systematic review of qualitative research', *Health Expectations*, 24, 2 (2021), 282-295 [J. Larkin, L. Foley, S.M. Smith, P. Harrington, B. Clyne]
- 'Commentary: Is a change from the National Early Warning System (NEWS) warranted in patients with chronic respiratory conditions?', *COPD: Journal of Chronic Obstructive Pulmonary Disease*, 18, 2 (2021), 129-132 [S.M. O'Neill, M. Bell, A. Casey (...), S.M. Smith *et al.*]
- 'The relationship between procedural volume and patient outcomes for percutaneous coronary interventions: a systematic review and meta-analysis', *HRB Open Research*, 4 (2021), 10 [K.A. Walsh, T. Plunkett, K.K. O'Brien (...), S.M. Smith *et al.*]
- 'Corrigendum to "Benefits and harms of exercise therapy in people with multimorbidity: a systematic review and meta-analysis of randomised controlled trials", *Ageing Research Reviews* (2020), <http://dx.doi.org/10.1016/j.arr.2020.101190> [A. Bricca, L.K. Harris, M. Jäger, S.M. Smith, C.B. Juhl, S.T. Skou]
- 'The duration of infectiousness of individuals infected with SARS-CoV-2', *Journal of Infection* (2020), <http://dx.doi.org/10.1016/j.jinf.2020.10.009> [K.A. Walsh, S. Spillane, L. Comber (...), S.M. Smith, M. O'Neill]

Recent publications – Faculty of Health Sciences

- 'Benefits and harms of exercise therapy in people with multimorbidity: a systematic review and meta-analysis of randomised controlled trials', *Ageing Research Reviews* (2020), <http://dx.doi.org/10.1016/j.arr.2020.101166> [A. Bricca, L.K. Harris, M. Jäger, S.M. Smith, C.B. Juhl, S.T. Skou]
- 'Immune response following infection with SARS-CoV-2 and other coronaviruses: a rapid review', *Reviews in Medical Virology* (2020), <http://dx.doi.org/10.1002/rmv.2162> [E. O Murchu, P. Byrne, K.A. Walsh (...), S.M. Smith *et al.*]
- 'SARS-CoV-2 detection, viral load and infectivity over the course of an infection', *Journal of Infection*, 81, 3 (2020), 357-371 [K.A. Walsh, K. Jordan, B. Clyne (...), S.M. Smith *et al.*]
- 'A qualitative exploration of the prescribing and use of statins in asymptomatic people in Ireland: a case of medicalisation, biomedicalisation and pharmaceuticalisation', *Health: an Interdisciplinary Journal for the Social Study of Health, Illness and Medicine* (2020), 136345932094606 [P. Byrne]
- 'Correction to: Development of an intervention to facilitate implementation and uptake of diabetic retinopathy screening', *Implementation Science* (2020), <http://dx.doi.org/10.1186/s13012-020-01026-7> [F. Riordan, E. Racine, E.T. Phillip (...), S.M. Smith *et al.*]
- 'Chronic care services and variation between Danish general practices: a nationwide cohort study', *British Journal of General Practice* (2021), BJGP.2021.0419 [A. Prior, C. Høstrup Vestergaard, A. Riisgaard Ribe (...), S.M. Smith *et al.*]
- 'Interventions for improving outcomes in patients with multimorbidity in primary care and community setting: a systematic review', *Systematic Reviews*, 10, 1 (2021), <http://dx.doi.org/10.1186/s13643-021-01817-z> [S.M. Smith, E. Wallace, B. Clyne, F. Boland, M. Fortin]
- 'A scoping review protocol of evidence-based guidance and guidelines published by general practitioner professional organisations', *HRB Open Research*, 4 (2021), 53 [E. O'Brien, B. Clyne, S.M. Smith, N. O'Herlihy, V. Harkins, E. Wallace]
- 'Processes for updating guidelines: protocol for a systematic review', *HRB Open Research*, 4 (2021), 116 [K. Cardwell, J. Quigley, B. Clyne (...), S.M. Smith *et al.*]
- 'Feasibility of a multifaceted implementation intervention to improve attendance at diabetic retinopathy screening in primary care in Ireland: a cluster randomised pilot trial', *BMJ Open*, 11, 10 (2021), e051951 [F. Riordan, A. Murphy, C. Dillon (...), S.M. Smith, S.M. McHugh]
- Smyth, Bobby**, 'Correlates of patterns of cannabis use, abuse and dependence: evidence from two national surveys in Ireland', *European Journal of Public Health* (2021), <http://dx.doi.org/10.1093/eurpub/ckab007> [S.R. Millar, D. Mongan, C. O'Dwyer (...), J.I. Perry, B. Galvin]
- 'Cannabis and public health - a need to reclaim the narrative', *Ir J Med Sci* (2021), <http://dx.doi.org/10.1007/s11845-021-02570-x> [B.P. Smyth, M. Cannon]
- 'Head shops and new psychoactive substances: a public health perspective', *Irish Journal of Psychological Medicine* (2021), 1-8 [B.P. Smyth]
- 'Cannabis legalization and adolescent cannabis use: explanation of paradoxical findings', *Journal of Adolescent Health* (2021), <http://dx.doi.org/10.1016/j.jadohealth.2021.02.025> [B.P. Smyth, M. Cannon]
- 'Opposition to cannabis legalization on public health grounds', *The Lancet Regional Health-Western Pacific*, 9 (2021), 100142 [B.P. Smyth, G.I.G. Christie]
- Thomas, Stephen**, 'Implementing integrated care in practice - learning from MDTs driving the integrated care programme for older persons in Ireland', *International Journal of Integrated Care*, 21(1):15, (1) (2021), 1-11 [S. Barry, M. Ní Fhallúin, S. Thomas, P.J. Harnett, S. Burke]
- 'Common patterns in the public reporting of waiting time and waiting list information: findings from a sample of OECD jurisdictions', *Health Policy*, 125, 8 (2021), 1002-1012 [M. Lee, M. Martin-Carroll, W. Von Mollendorff, C. Condon, M. Kavanagh, S. Thomas]

Recent publications – Faculty of Health Sciences

Zgaga, Lina, 'Power determination in vitamin D randomised control trials and characterising factors affecting it through a novel simulation-based tool', *Scientific Reports*, 11 (2021), 10804 [J. Wyse, R. Mangan, L. Zgaga]

Research student

Nicolson, Gail, 'A theory-based multicomponent intervention to reduce occupational sedentary behaviour in professional male workers: protocol for a cluster randomised crossover pilot feasibility study', *Pilot and Feasibility Studies*, 9, 175 (2020), 1-11 [G. Nicolson, C. Hayes, C. Darker]

RADIATION THERAPY

Barrett, Sarah, 'Geometric and dosimetric evaluation of a commercially available auto-segmentation tool for gross tumour volume delineation in locally advanced non-small cell lung cancer: a feasibility study', *Journal of Clinical Oncology* (2020), <https://doi.org/10.1016/j.clon.2020.07.019> [S. Barrett, A.J. Simpkin, G.M. Walls, M. Leech, L. Marignol]

'Improving organ at risk sparing in oropharyngeal treatment planning by increasing target dose: a feasibility study', *Medical Dosimetry*, 46, 3 (2021), 304-309 [R. Barry, E. Forde, S. Barrett]

'The effects of PD-1/PD-L1 checkpoint inhibitors on recurrent/metastatic head and neck squamous cell carcinoma: a critical review of the literature and meta-analysis', *Acta Oncologica*, 60, 11 (2021), 1534-1542 [E. Clarke, J. Grau Eriksen, S. Barrett]

Forde, Elizabeth, 'Improving organ at risk sparing in oropharyngeal treatment planning by increasing target dose: a feasibility study', *Medical Dosimetry*, 46, 3 (2021), 304-309 [R. Barry, E. Forde, S. Barrett]

'Influence of inter-observer delineation variability on radiomic features of the parotid gland', *Physica Medica*, 82 (2021), 240-248 [E. Forde, M. Leech, C. Robert, E. Heron, L. Marignol]

Kearney, Maeva, 'Evaluation of an e-Learning teaching innovation to assist clinical radiation therapy educators in the provision of student feedback', *Journal of Medical Imaging and Radiation Science* (2021), <http://hdl.handle.net/2262/96783> [M. Kearney, M. Leech, M O'Neill, S. Davis]

Leech, Michelle, 'Evaluation of an e-Learning teaching innovation to assist clinical radiation therapy educators in the provision of student feedback', *Journal of Medical Imaging and Radiation Science* (2021), <http://hdl.handle.net/2262/96783> [M. Kearney, M. Leech, M. O'Neill, S. Davis]

'Geometric and dosimetric evaluation of a commercially available auto-segmentation tool for gross tumour volume delineation in locally advanced non-small cell lung cancer: a feasibility study', *Journal of Clinical Oncology* (2020), <https://doi.org/10.1016/j.clon.2020.07.019> [S. Barrett, A.J. Simpkin, G.M. Walls, M. Leech, L. Marignol]

'Outlook of women in science: an interview with our authors', *Molecular Oncology*, 16, 5 (2022), <http://dx.doi.org/10.1002/1878.0261.13189> [W. Blaszczyk, A. Ahmed, K. Leithner, A. Schubert, M. Leech, C. Bonder, I. Tzagakis]

'Influence of inter-observer delineation variability on radiomic features of the parotid gland', *Physica Medica*, 82 (2021), 240-248 [E. Forde, M. Leech, C. Robert, E. Heron, L. Marignol]

Marignol, Laure, 'Geometric and dosimetric evaluation of a commercially available auto-segmentation tool for gross tumour volume delineation in locally advanced non-small cell lung cancer: a feasibility study', *Journal of Clinical Oncology* (2020), <https://doi.org/10.1016/j.clon.2020.07.019> [S. Barrett, A.J. Simpkin, G.M. Walls, M. Leech, L. Marignol]

'Influence of inter-observer delineation variability on radiomic features of the parotid gland', *Physica Medica*, 82 (2021), 240-248 [E. Forde, M. Leech, C. Robert, E. Heron, L. Marignol]

Mullaney, Laura, 'The role of alexithymia and empathy on radiation therapists' professional quality of life', *Technical innovations and patient support in radiation oncology*, 15 (2020), 29-36 [P. Franco, V. Tesio, J. Bertholet (...), L. Mullaney et al.]

Recent publications – Faculty of Health Sciences

- 'Alexithymia and professional quality of life in radiation oncology: the moderator effect of the professional profile', *Radiotherapy and Oncology*, 158 (2021), 48-54 [P. Franco, M. Di Tella, V. Tesio (...), L. Mullaney *et al.*]
- O'Donovan, Anita**, 'The SIOG covid-19 working group recommendations on the rollout of covid-19 vaccines among older adults with cancer', *Journal of Geriatric Oncology* (2021), <http://dx.doi.org/10.1016/j.jgo.2021.03.003> [A.R. Misláng, E. Soto-Perez-de-Celis, C. Russo (...), A. O'Donovan *et al.*]
- 'Metastatic gastroesophageal cancer in older patients - is this patient cohort represented in clinical trials?', *BMC Cancer* (2021), <http://dx.doi.org/10.21203/rs.3.rs-684646/v1> [M.A. Hennessy, M. Hamid, N. Keegan (...), A. O'Donovan *et al.*]
- 'International efforts in geriatric radiation oncology', *Journal of Geriatric Oncology* (2021), <http://dx.doi.org/10.1016/j.jgo.2021.11.002> [A. Naseer, A. Cree, R. Simcock (...), W. Dale, A. O'Donovan]
- Poole, Claire**, 'Fostering the development of professional identity within healthcare education - interdisciplinary innovation', *Journal of Medical Imaging and Radiation Sciences* (2021), S45-S50 [C. Poole, A. Patterson]

SURGERY

- Brennan, Louise**, 'ReStOre@Home: Feasibility study of a virtually delivered 12-week multidisciplinary rehabilitation programme for survivors of upper gastrointestinal (UGI) cancer', *HRB Open Research*, 3, 86 (2021), <http://hdl.handle.net/2262/98088> [L. O'Neill, E. Guinan, L. Brennan (...), J.V. Reynolds, J. Hussey]
- Connolly, Elizabeth**, 'Fibromatosis of the breast: a 10-year multi-institutional experience and review of the literature', *Breast Cancer*, 28, 1 (2021), 168-174 [M.R. Boland, T. Nugent, J. Nolan (...), T.J. Boyle, E.M. Connolly]
- 'Impact of progesterone receptor status on response to neoadjuvant chemotherapy in estrogen receptor-positive breast cancer patients', *Journal of Surgical Oncology*, 122, 5 (2020), 861-868 [M.R. Boland, E.J. Ryan, T. Nugent (...), T.J. Boyle, E.M. Connolly]
- Donohoe, Claire**, 'Gone in 60 days: our first experience with a bioconvertible IVC filter', *Irish Journal of Medical Science (1971-)* (2021), <http://hdl.handle.net/2262/97514> [G. Lambe, J. O'Mahony, M. Courtney, N. Donlon, C. Donohoe, J.M. Ryan]
- Duggan, Sinead**, 'Consensus for the management of pancreatic exocrine insufficiency: UK practical guidelines', *BMJ Open Gastroenterology*, 8, 1 (2021), e000643 [M.E. Phillips, A.D. Hopper, J.S. Leeds (...), S.N. Duggan, R. Kumar]
- 'Corrigendum to – 'Recommendations from the united European gastroenterology evidence-based guidelines for the diagnosis and therapy of chronic pancreatitis' (Pancreatology (2018) 18(8) (847-854), (S1424390318306938), (10.1016/j.pan.2018.09.016)) ", *Pancreatology*, 20, 1 (2020), 148 [J.E. Dominguez-Munoz, A.M. Drewes, B. Lindkvist, V. Rebours, D. Stimac, P. Hegyi]
- Guinan, Emer**, 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), E.M. Guinan *et al.*]
- 'Methods for conducting international Delphi surveys to optimise global participation in core outcome set development: a case study in gastric cancer informed by a comprehensive literature review', *Trials* (2021), <https://doi.org/10.1186/s13063> [B. Alkhaffaf, J.M. Blazeby *et al.*]
- 'Exercise and chronic health conditions in the community: a qualitative study of patients and fitness instructors', *Health and Social Care in the Community* (2021), <http://dx.doi.org/10.1111/hsc.13288> [G. Sheill, M. Hennessy, L. O'Neill, S. Reynolds, J. Towns, M. Gill, E. Guinan]

Recent publications – Faculty of Health Sciences

- 'Interprofessional education focused on medication safety: a systematic review', *Journal of Interprofessional Care* (2022), 1-20 [T. Grimes, E. Guinan]
- 'Physical therapists in oncology settings: experiences in delivering cancer rehabilitation services, barriers to care, and service development needs', *Physical Therapy* (2022), <https://doi.org/10.1093/ptj/pzab287> [L. Brennan, G. Sheill, L. O'Neill, L. O'Connor, E. Smyth, E. Guinan]
- Knox, Mark**, 'Consensus review of discordant imaging findings after the introduction of digital screening mammography: Irish national breast cancer screening program experience', *Radiology* (2020), 181454 [N.A. Healy, A. O'Brien, M. Knox (...), N. Phelan, F. Flanagan]
- Lonergan, Peter**, 'Prospective validation of microseminoprotein- β added to the 4Kscore in predicting high-grade prostate cancer in an international multicentre cohort', *BJU international*, 128, 2 (2021), 218-224 [P.E. Lonergan, E.A. Vertosick, M. Assel (...), A.J. Vickers, H. Lilja]
- 'Bladder cancer in patients younger than 40 years: outcomes from the national cancer database', *World Journal of Urology*, 39, 6 (2021), 1911-1916 [C.M. de la Calle, S.L. Washington, P.E. Lonergan, M.V. Meng, S.P. Porten]
- 'Clinical utility of 4Kscore[®], ExosomeDx- and magnetic resonance imaging for the early detection of high grade prostate cancer', *The Journal of Urology*, 205, 2 (2021), 452-460 [C.M. de la Calle, V. Fasulo, J.E. Cowan (...), P.E. Lonergan *et al.*]
- 'Cognition and depression effects of androgen receptor axis-targeted drugs in men with prostate cancer: a systematic review', *Journal of Geriatric Oncology*, 12, 5 (2021), 687-695 [A. Batra, M. Marchioni, A.Z. Hashmi (...), P.E. Lonergan *et al.*]
- 'Does clinical validation and the implementation of new models of outpatient service delivery have the potential to reduce waiting lists? A pilot study in Letterkenny University Hospital', *Ir J Med Sci*, 189, 3 (2020), 777-782 [P.E. Lonergan, J. Logan, S. Diver (...), D.A. McNamara, E. Rogers]
- 'Regional variation in active surveillance for low-risk prostate cancer in the US', *JAMA Netw Open*, 3, 12 (2020), e2031349 [S.L. Washington, C.W. Jeong, P.E. Lonergan (...), P.R. Carroll, M.R. Cooperberg]
- 'The long-term risks of metastases in men on active surveillance for early stage prostate cancer', *The Journal of Urology*, 204, 6 (2020), 1222-1228 [M. Maggi, J.E. Cowan, V. Fasulo (...), P.E. Lonergan *et al.*]
- 'Bladder tumor recurrence after urothelial carcinoma of the upper urinary tract', *Translational Andrology and Urology*, 9, 4 (2020), 1891-1896 [P.E. Lonergan, S.P. Porten]
- 'Diagnostic accuracy and prognostic value of serial prostate multiparametric magnetic resonance imaging in men on active surveillance for prostate cancer', *Eur Urol Oncol* (2021), <http://dx.doi.org/10.1016/j.euo.2020.11.007> [C.E. Chu, J.E. Cowan, P.E. Lonergan (...), A.C. Westphalen, P.R. Carroll]
- 'Residual benign prostate glandular tissue after radical prostatectomy is not associated with the development of detectable postoperative serum prostate specific antigen', *The Journal of Urology*, 206, 3 (2021), 706-714 [S.A. Greenberg, S.L. Washington, P.E. Lonergan (...), J.P. Simko, P.R. Carroll]
- 'REtention of urine After INguinal hernia Elective Repair (RETAINER study I and II)', *Int J Surg Protoc*, 25, 1 (2021), 42-54 [S.M. Croghan, C.A. Fleming, H.M. Mohan (...), P.E. Lonergan *et al.*]
- 'Natural history of an immediately detectable PSA following radical prostatectomy in a contemporary cohort', *The Prostate*, 81, 13 (2021), 1009-1017 [P.E. Lonergan, J.E. Cowan, S.L. Washington, S.A. Greenberg, H.G. Nguyen, P.R. Carroll]
- 'A cross-sectional analysis of barriers associated with non-attendance at a urology telehealth clinic in a safety-net hospital', *Urology* (2021), <http://dx.doi.org/10.1016/j.urology.2021.08.025> [A. Bell, P.E. Lonergan, D. Escobar (...), B.N. Breyer, S.L. Washington]

Recent publications – Faculty of Health Sciences

'Active surveillance in intermediate-risk prostate cancer with PSA 10-20-ng/mL: pathological outcome analysis of a population-level database', *Prostate Cancer and Prostatic Diseases* (2021), <http://dx.doi.org/10.1038/s41391-021-00448-8> [P.E. Lonergan, C.W. Jeong, S.L. Washington, A. Herlemann, S.L. Gomez, P.R. Carroll, M.R. Cooperberg]

'Designing and assessing a urethral catheter skills workshop for intern doctors in a university teaching hospital', *Ir J Med Sci*, 189, 4 (2020), 1501-1506 [A.U. Nic An Ríogh, C. O'Connell, P.E. Lonergan, N.F. Davis]

'Risk factors for biopsy reclassification over time in men on active surveillance for early stage prostate cancer', *The Journal of Urology*, 204, 6 (2020), 1216-1221 [P.E. Lonergan, S.L. Washington, J.E. Cowan (...), M.R. Cooperberg, P.R. Carroll]

'Rapid utilization of telehealth in a comprehensive cancer center as a response to covid-19: cross-sectional analysis', *Journal of Medical Internet Research*, 22, 7 (2020), e19322 [P.E. Lonergan, S.L. Washington, L. Branagan (...), P.R. Carroll, A.Y. Odisho]

'Re: Vasilis Stavrinos, Francesco Giganti, Bruce Trock, *et al.* Five-year outcomes of magnetic resonance imaging-based active surveillance for prostate cancer: a large cohort study. *Eur Urol* 2020;78:443-51', *European Urology*, 78, 3 (2020), e110-e111 [C.E. Chu, P.E. Lonergan, P.R. Carroll]

'Multiparametric magnetic resonance imaging alone is insufficient to detect grade reclassification in active surveillance for prostate cancer', *European Urology*, 78, 4 (2020), 515-517 [C.E. Chu, P.E. Lonergan, S.L. Washington (...), P.R. Carroll, M.R. Cooperberg]

'The clinical applications of tissue biomarkers in prostate cancer', *Société Internationale d'Urologie Journal*, 1, 1 (2020), 30-38 [P.E. Lonergan, S.W. Washington, M.V. Meng, R.S. Eapen]

'The clinical applications of serum and urinary biomarkers in prostate cancer', *Société Internationale d'Urologie Journal*, 1, 1 (2020), 23-29 [R.S. Eapen, P.E. Lonergan, D. Bagguley (...), N. Lawrentschuck, M.V. Meng]

'Androgen deprivation therapy and the risk of dementia after treatment for prostate cancer', *The Journal of Urology*, 207, 4 (2022), 832-840 [P.E. Lonergan, S.L. Washington, J.E. Cowan (...), M.R. Cooperberg, P.R. Carroll]

'The natural history of untreated biopsy grade group progression and delayed definitive treatment for men on active surveillance for early-stage prostate cancer', *The Journal of Urology* (2022), 101097JU0000000000002420 [M.R. Chappidi, A. Bell, J.E. Cowan (...), P.E. Lonergan *et al.*]

Lysaght, Joanne, 'An investigation into the modulation of Tcell phenotypes by amitriptyline and nortriptyline', *European Neuropsychopharmacology* (2020), <http://dx.doi.org/10.1016/j.euro neuro.2019.12.106> [J. Royds, M.J. Conroy, M.R. Dunne, C. McCrory, J. Lysaght]

'Examination and characterisation of the effect of amitriptyline therapy for chronic neuropathic pain on neuropeptide and proteomic constituents of human cerebrospinal fluid', *Brain, Behaviour and Immunity* (2020), <http://dx.doi.org/10.1001/184> [J. Royds, H. Cassidy, M. Conroy, M.R. Dune, J. Lysaght, C. McCrory]

'Tissue distribution of $\gamma\delta$ T cell subsets in oesophageal adenocarcinoma', *Clinical Immunology*, 229 (2021), <http://hdl.handle.net/2262/98157> [A.M. Melo, E. Mylod, V. Fitzgerald (...), J. Lysaght *et al.*]

'The prognostic value of the lymph node in oesophageal adenocarcinoma; incorporating clinicopathological and immunological profiling', *Cancers* (2021), <http://dx.doi.org/10.3390/cancers13164005> [N.E. Donlon, M. Davern, A. Sheppard (...), J.V. Reynolds, J. Lysaght]

'Chemotherapy regimens induce inhibitory immune checkpoint protein expression on stem-like and senescent-like oesophageal adenocarcinoma cells', *Translational Oncology*, 14, 6 (2021), 101062 [M. Davern, N.E. Donlon, A. Sheppard (...), S.G. Maher, J. Lysaght]

Recent publications – Faculty of Health Sciences

- 'A study of the immune infiltrate and patient outcomes in esophageal cancer', *Carcinogenesis*, 42, 3 (2021), 395-404 [M.J. Conroy, S.A. Kennedy, S.L. Doyle (...), J.V. Reynolds, J. Lysaght]
- 'Fractalkine elicits chemotactic, phenotypic, and functional effects on CX3CR1⁺CD27⁺ NK cells in obesity-associated cancer', *Journal of Immunology (Baltimore, Md.:1950)*, 207, 4 (2021), 1200-1210 [E. Mylod, A.M. Melo, N.E. Donlon (...), J. Lysaght, M. Conroy]
- 'Complement in tumourigenesis and the response to cancer therapy', *Cancers*, 13, 6 (2021), <http://dx.doi.org/10.3390/cancers13061209> [R.M. O'Brien, A. Cannon, J.V. Reynolds, J. Lysaght, N. Lynam-Lennon]
- 'Chemokine-targeted therapies: an opportunity to remodel immune profiles in gastro-oesophageal tumours', *Cancer Letters*, 521 (2021), 224-236 [C. O'Donovan, M. Davern, N.E. Donlon, J. Lysaght, M.J. Conroy]
- 'C-reactive protein and C-reactive protein-based scores to predict survival in esophageal and junctional adenocarcinoma: systematic review and meta-analysis', *Annals of Surgical Oncology* (2021), <http://dx.doi.org/10.1245/s10434-021-10988-x> [C.M. Lorton, L. Higgins, N. O'Donoghue (...), D. Walsh, J. Lysaght]
- 'The omentum in obesity-associated cancer: a hindrance to effective natural killer cell migration towards tumour which can be overcome by CX3CR1 antagonism', *Cancers*, 14, 64 (2021), <https://doi.org/10.3390/cancers14010064> [E. Mylod, F. O'Connell, N. E. Donlon (...), J. Lysaght, M.J. Conroy]
- Maher, Stephen**, 'PI3K inhibition as a novel therapeutic strategy for neoadjuvant chemoradiotherapy resistant oesophageal adenocarcinoma', *The British Journal of Radiology*, 94, 1119 (2021), 20201191 [S.D. Edge, I. Renard, E. Pyne (...), S.G. Maher, I.M. Pires]
- 'Multi-omic biomarkers as potential tools for the characterisation of pancreatic cystic lesions and cancer: innovative patient data integration', *Cancers*, 13, 4 (2021), <http://dx.doi.org/10.3390/cancers13040769> [L.E. Kane, G.S. Mellotte, K.C. Conlon, B.M. Ryan, S.G. Maher]
- 'Chemotherapy regimens induce inhibitory immune checkpoint protein expression on stem-like and senescent-like oesophageal adenocarcinoma cells', *Translational Oncology*, 14, 6 (2021), 101062 [M. Davern, N.E. Donlon, A. Sheppard (...), S.G. Maher, J. Lysaght]
- 'Therapeutic potential of PARP inhibitors in the treatment of pancreatic intestinal cancers', *Biomedicines*, 9, 8 (2021), <http://dx.doi.org/10.3390/biomedicines9081024> [A. Alhusaini, A. Cannon, S.G. Maher, J.V. Reynolds, N. Lynam-Lennon]
- McCrary, Connail**, 'An investigation into the modulation of Tcell phenotypes by amitriptyline and nortriptyline', *European Neuropsychopharmacology* (2020), <http://dx.doi.org/10.1016/j.euroeuro.2019.12.106> [J. Royds, M.J. Conroy, M.R. Dunne, C. McCrary, J. Lysaght]
- O'Keeffe, Sylvia**, 'Fibromatosis of the breast: a 10-year multi-institutional experience and review of the literature', *Breast Cancer*, 28, 1 (2021), 168-174 [M.R. Boland, T. Nugent, J. Nolan (...), S. O'Keeffe *et al.*]
- O'Mahony, Johnny**, 'Gone in 60 days: our first experience with a bioconvertible IVC filter', *Irish Journal of Medical Science (1971-)* (2021), <http://hdl.handle.net/2262/97514> [G. Lambe, J. O'Mahony, M. Courtney, N. Donlon, C. Donohoe, M. Ryan]
- Orr, David**, 'Addition to the toolbox of surgical techniques for palatal fistula repair', *The Cleft Palate-Craniofacial Journal* (2022), 105566562110037 [C. de Blacam, D Orr]
- 'Core outcome set for reporting outcomes of interventions for velopharyngeal dysfunction: final results of the COS-VPD initiative', *Cleft Palate - Craniofacial Journal* (2021), <http://dx.doi.org/10.1177/10556656211035026> [C. de Blacam, A.L. Baylis, R.E. Kirschner (...), H.E Harris, D.J.A. Orr]
- O'Sullivan, Jacintha**, 'Characterizing caspase-1 involvement during esophageal disease progression', *Cancer Immunology Immunotherapy*, 69, 12 (2020), 2635-2649 [G. Barber, A. Anand, K. Oficjalska (...), J. O'Sullivan, E.M. Creagh.]

Recent publications – Faculty of Health Sciences

- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), J. Hussey, J.N. O'Sullivan]
- Power, Camillus**, 'A microcosting study: comparing a standard intravenous patient controlled analgesia system with a novel sublingual patient controlled analgesia system', *Irish Journal of Medical Science*, 189, 4 (2020), 1365-1369 [D. Galvin, C. Power]
- 'Application of thermal microcautery in migraine management', *Headache Medicine*, 11, 1 (2020), 1-3 [E. Papageorgiou, K. Kovas, C. Power, N. Kostopoulos]
- 'Moving beyond technical skills and promoting professionalism', *Irish Journal of Medical Science*, 189, 4 (2020), 1379-1389 [O. Solymos, L. Snyman, E. Condon, C. Power, J. Boland]
- 'An usual case of astasia-abrasia', *Pain Studies and Treatment*, 9, 1 (2021), 1-6 [G. Punshi, A. Purcell, C. Power]
- 'Positive and negative factors affecting the health and wellbeing of anaesthesia trainees in Ireland', *Anaesthesia*, 75 (2020), 67-67 [S. Farrell, A. Purcell, D. Edgeworth (...), E. Condon, C. Power]
- Quinlan, John**, 'A multi-site review of second hip fractures across 6 Dublin teaching hospitals', *Irish Journal of Medical Science* (2021), <http://dx.doi.org/10.1007/s11845-021-02607-1> [C. Downey, S. Flannery, B. Murphy (...), C. Hurson, J. Quinlan]
- 'A healthy decline in age- and sex- specific incidence of hip fractures in the elderly in the Republic of Ireland', *Surgeon*, 18, 5 (2020), e13-e19 [E.I. Coveney, D. McKeown, J.F. Quinlan, M. Cleary]
- 'Readability of patient educational materials in hip and knee arthroplasty: has a decade made a difference?', *Journal of Arthroplasty*, 35, 11 (2020), 3076-3083 [T.Ó. Doinn, J.M. Broderick, M.M. Abdelhalim, J.F. Quinlan]
- 'The effectiveness of negative pressure wound therapy versus conventional dressing in the treatment of open fractures: a systematic review and meta-analysis', *Journal of Orthopaedic Trauma*, 34, 5 (2020), 223-230 [M.C. Grant-Freemantle, M.C. ÉJ Ryan, S.O. Flynn (...), B.J. O'Daly, J.F. Quinlan]
- 'The patient's second hip fracture - one in ten', *Irish Medical Journal*, 113, 6 (2020), 1-7 [C. Downey, S. Flannery, E.H. Abd Wahab (B.J. O'Daly, J.F. Quinlan)]
- 'Quantifying the impact of the covid-19 pandemic on orthopaedic trainees', *Bone and Joint Open*, 1, 10 (2020), 645-652 [G.A. Sheridan, A.J. Hughes, J.F. Quinlan, E. Sheehan, M. O'Byrne]
- Ravi, Narayanasamy**, 'Characterizing caspase-1 involvement during esophageal disease progression', *Cancer Immunology Immunotherapy*, 69, 12 (2020), 2635-2649 [G. Barber, A. Anand, K. Oficjalska (...), N. Ravi *et al.*]
- Reynolds, John**, 'Characterizing caspase-1 involvement during esophageal disease progression', *Cancer Immunology Immunotherapy*, 69, 12 (2020), 2635-2649 [G. Barber, A. Anand, K. Oficjalska (...), J.V. Reynolds *et al.*]
- 'Effect of the rehabilitation program, ReStOre, on serum biomarkers in a randomized control trial of esophagogastric cancer survivors', *Frontiers in Oncology*, 11, 669078 (2021), 1-11 [S.A. Kennedy, S.L. Annett, M.R. Dunne (...), J.V. Reynolds *et al.*]
- 'Exercise-based dysphagia rehabilitation for adults with oesophageal cancer: a systematic review', *BMC Cancer* (2022), <https://doi.org/10.1186/s12885-021-09155-y> [A. Gillman, M. Hayes, G. Sheaf, M. Walshe, J.V. Reynolds, J. Regan]
- Ryan, J. Mark**, 'Gone in 60 days: our first experience with a bioconvertible IVC filter', *Irish Journal of Medical Science (1971-)* (2021), <http://hdl.handle.net/2262/97514> [G. Lambe, J. O'Mahony, M. Courtney, N. Donlon, C. Donohoe, J.M. Ryan]
- Sheehy, Niall**, 'CT coronary angiography and covid-19: inpatient use in acute chest pain service', *Open Heart*, 8, 1 (2021), e001548 [M. Cronin, P. Wheen, R. Armstrong (...), N. Sheehy *et al.*]

Recent publications – Faculty of Health Sciences

- Shelley, Odhran**, 'Should the beard be considered as a separate facial unit?', *Burns*, 46, 6 (2020), 1474-1475 [J.V. Sullivan, P. Dziewulski, O.P. Shelley]
- 'St Andrew's covid-19 surgery safety (StACS) study: elective plastic surgery, trauma and burns', *Journal of Plastic, Reconstructive and Aesthetic Surgery*, 74, 1 (2021), 211-222 [B.H. Miranda, W.R.M. Hughes, R. Pinto-Lopes (...), D.E. Zborea, N.T. Mabvuure]
- 'St Andrew's covid-19 surgery safety (StACS) study: skin cancer', *Journal of Plastic Surgery and Hand Surgery* (2021), 1-7 [B.H. Miranda, R.C.I. Jica, R. Pinto-Lopes (...), O. Shelley *et al.*]
- 'Spare part surgery is often overlooked!', *Burns: Journal of the International Society for Burn Injuries*, 46, 4 (2020), 986 [J.V. Sullivan, T. Cubison, P. Dziewulski, O.P. Shelley]
- 'Tibialis posterior tendon transfers to correct bilateral postburn ankle equinus: a case report', *Annals of Plastic Surgery* (2021), <http://dx.doi.org/10.1097/sap.0000000000002779> [S.Y. Chee, J. McKenna, O.P. Shelley]
- 'Timing of covid-19 vaccination in the major burns patient', *Burns: Journal of the International Society for Burn Injuries* (2021), <http://dx.doi.org/10.1016/j.burns.2021.04.023> [P.F. Wrafter, D. Murphy, P. Nolan, O. Shelley]
- Shortt, Conor**, 'The patient's second hip fracture - one in ten', *Irish Medical Journal*, 113, 6 (2020), 93 [C. Downey, S. Flannery, E.H. Abd Wahab (...), C.P. Shortt *et al.*]
- 'A multi-site review of second hip fractures across 6 Dublin teaching hospitals', *Irish Journal of Medical Science* (2021), <http://dx.doi.org/10.1007/s11845-021-02607-1> [C. Downey, S. Flannery, B. Murphy (...), C. Shortt *et al.*]

School of Nursing and Midwifery

- Alexander, Paula**, 'Initiating technology dependence to sustain a child's life: a systematic review of reasons', *Journal of Medical Ethics* (2021), <http://hdl.handle.net/2262/97423> [D. Alexander, M.B. Quirke, J. Berry (...), M. Healy, M. Brenner]
- Allen, Andrew**, 'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), F. Flannery, P. McCallion]
- 'The impact of coronavirus disease 2019 (covid-19) on older adults with an intellectual disability during the first wave of the pandemic in Ireland', *HRB Open Research*, 4, 93 (2021), <https://doi.org/10.12688/hrbopenres.13238.1> [M. McCarron, D. McCausland, R. Luus (...), A. Allen *et al.*]
- Begley, Cecily**, 'Comparison of labour and birth outcomes between nulliparous women who used epidural analgesia in labour and those who did not: a prospective cohort study', *Women and Birth* (2020) [E. Newnham, P. Moran, M. Carroll, C. Begley, D. Daly]
- 'Factors associated with maternal readmission to hospital, attendance at emergency rooms or visits to general practitioners within three months postpartum', *European Journal of Obstetrics and Gynecology and Reproductive Biology*, 254 (2020), 251-258 [M. Szafranska, M. Carroll, C. Begley, D. Daly]
- 'Shared decision-making and maternity care in the deep learning age: acknowledging and overcoming inherited defeaters', *Journal of Clinical Evaluation in Practice*, 27, 3 (2021), 497-503 [K. Begley, C. Begley, V. Smith]
- 'The maternal health-related issues that matter most to women in Ireland as they transition to motherhood - a qualitative study', *Women and Birth* (2021) [D. Daly, P. Moran, F. Wuytack (...), C. Begley, E. Newnham]
- 'Cultural perspectives on vaginal birth after previous caesarean section in countries with high and low rates - a hermeneutic study', *Women and Birth*, 33, 4 (2020), e339-e347 [I. Lundgren, S. Morano, C. Nilsson, M. Sinclair, C. Begley]

Recent publications – Faculty of Health Sciences

- 'Risk factors for pregnancy-related pelvic girdle pain, a scoping review', *BMC Pregnancy and Childbirth*, 20, 1 (2020), 739 [F. Wuytack, C. Begley, D. Daly]
- 'The birthing room and its influence on the promotion of a normal physiological childbirth - a qualitative interview study with midwives in Sweden', *International Journal of Qualitative Studies on Health and Well-being*, 16, 1 (2021), <https://doi.org/10.1080/17482631.2021.1939937> [A. Andrén, C. Begley, H. Dahlberg, M. Berg]
- 'Clinician's attitudes towards caesarean section: a cross-sectional survey in two tertiary level maternity units in Ireland', *Women and Birth*, S1871-5192(21)00142(2021), <https://doi.org/10.1016/j.wombi.2021.08.004> [V. Smith, K. Hannon, C. Begley]
- 'Midwives' views of an evidence-based intervention to reduce caesarean section rates in Ireland', *Women and Birth* (2022), <https://doi.org/10.1016/j.wombi.2022.01.002> [S. Corrigan, V. Howard, L. Gallagher (...), M. Carroll, C. Begley]
- Brady, Anne-Marie**, 'The role and activities of the Traveller mental health liaison nurse: findings from a multi-stakeholder evaluation', *International Journal of Mental Health Nursing* (2021), <http://hdl.handle.net/2262/96801> [K. O'Sullivan, A.M. Brady, C. Downes (...), T. McCann, B. Keogh]
- 'Patient-reported experiences of consultation with an advanced nurse practitioner: factor structure and reliability analysis of the patient enablement and satisfaction survey', *Journal of Advanced Nursing*, 77 (2021), 4279-4289 [D. O'Reilly, A.M. Brady, D. Bryant-Lukosius (...), J. Hegarty, J. Drennan]
- Brady, Vivienne**, 'Assessing fetal movements in pregnancy: a qualitative evidence synthesis of women's views, perspectives and experiences', *BMC Pregnancy and Childbirth*, 21, 1 (2021), 1-14 [V. Smith, K. Muldoon, V. Brady, H. Delaney]
- 'Supporting diversity in person-centred care: the role of healthcare chaplains', *Nursing Ethics* (2021), 1-16 [V. Brady, F. Timmins, S. Caldeira, M.T. Naughton, A. McCarthy, B. Pesut]
- Brennan, Damien**, 'In pursuit of meaningful occupation: employment and occupational outcomes for older Irish adults with an intellectual disability', *Journal of Applied Research in Intellectual Disabilities*, 33, 3 (2020), 386-397 [D. McCausland, P. McCallion, D. Brennan, M. McCarron]
- Brenner, Maria**, 'More than a witness: the role of the PICU nurse in the initiation of long-term ventilation', *Pediatric Critical Care Medicine*, 22 (2021), 251 [K. Masterson, D. Alexander, M. Brenner]
- 'Education on childrens complex care needs in general nursing curricula in Europe: an inductive content analysis', *Nurse Education in Practice*, 52 (2021), <http://hdl.handle.net/2262/95954> [A. Clancy, E. Olaso, P. Larkin, M. Brenner]
- 'Initiating technology dependence to sustain a child's life: a systematic review of reasons', *Journal of Medical Ethics* (2021), <http://hdl.handle.net/2262/97423> [D. Alexander, M.B. Quirke, J. Berry (...), M. Healy, M. Brenner]
- Burke, Eilish**, 'Sedentary behaviour levels in adults with an intellectual disability: a systematic review protocol', *HRB Open*, 3, 57 (2020), <https://doi.org/10.12688/hrbopenres.13123.2> [L. Lynch, M. McCarron, P. McCallion, E. Burke]
- 'The methodological approach to the co-creation of online health education with and for individuals with intellectual disability', *Global Journal of Intellectual and Developmental Disabilities*, 7, 5 (2021), <http://hdl.handle.net/2262/96275> [E. Burke, H. Dennehy, A. (...), M. McCarron, A. Oppewal]
- 'Factors associated with the progression of deficit accumulation frailty among adults with an intellectual disability: a systematic review revealing research gaps', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13257.1> [B. Dee, E. Burke, R. Romero-Ortuno, P. McCallion, M. McCarron]

Recent publications – Faculty of Health Sciences

- 'Sedentary behaviour levels in adults with an intellectual disability: a systematic review and meta-analysis', *HRB Open Res*, 4, 69 (2021), <https://doi.org/10.12688/hrbopenres.13326.1> [L. Lynch, M. McCarron, P. McCallion, E. Burke]
- 'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), E. Burke *et al.*]
- 'The impact of coronavirus disease 2019 (covid-19) on older adults with an intellectual disability during the first wave of the pandemic in Ireland', *HRB Open Research*, 4, 93 (2021), <https://doi.org/10.12688/hrbopenres.13238.1> [M. McCarron, D. McCausland, R. Luus (...), E. Burke *et al.*]
- 'Reflections about hypertension in older adults with an intellectual disability: the importance of Home Blood Pressure Monitoring (HBPM) - authors' reply', *European Journal of Cardiovascular Nursing*, 20, 4 (2021), 391 [F. O'Brien, P. McCallion, R. Carroll (...), E. Burke *et al.*]
- 'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin (...), E. Burke *et al.*]
- 'Overweight/obesity and chronic health conditions in older people with intellectual disability in Ireland', *Journal of Intellectual Disability Research* (2021), <https://doi.org/10.1111/jir.12900> [J. Ryan, P. McCallion, M. McCarron, R. Luus, E.A. Burke]
- 'End of life care for people with an intellectual disability a qualitative exploration of staff carers' experiences', *BMC Palliative Care* (2021), <https://doi.org/10.21203/rs.3.rs-1008624/v1> [M. McCarron, P. McCallion, E. Burke, F. Timmins]
- 'Men's bones matter too, a cross sectional study examining bone health among men with intellectual disability in Ireland', *OBM Geriatrics*, 5, 4 (2021), <http://hdl.handle.net/2262/97587> [E. Burke, R. Carroll, A.E. Ding (...), P. McCallion, M. McCarron]
- 'Recruitment and retention in longitudinal studies of people with intellectual disability: a case study of the Intellectual Disability Supplement to the Irish Longitudinal Study on Ageing (IDS-TILDA)', *Research in Developmental Disabilities*, 124 (2022), <https://doi.org/10.1016/j.ridd.2022.104197> [M. McCarron, D. McCausland, E. McGlinchey (...), E. Burke P. McCallion]
- Butler, Éadaoin**, 'Seeking online telemedicine abortion outside the jurisdiction from Ireland following implementation of telemedicine provision locally', *BMJ Sexual and Reproductive Health* (2021), [bmjsex--2021--201205](https://doi.org/10.1136/bmjsex-2021-201205) [J. Greene, E. Butler, C. Conlon, K. Antosik-Parsons, R. Gomperts]
- Byrne, Gobnait**, 'Triggers and interventions of patients who require medical emergency team reviews: a cross-sectional analysis of single versus multiple reviews', *Critical Care Nurse*, 41, 4 (2021), e1-e10 [G. Byrne, S. Ennis, A.M. Barnes (...), S. Connors, M.B. Quirke]
- 'The use of mHealth apps by nurses in the management of chronic wounds: a scoping review protocol', *JBI Evidence Synthesis*, 19, 10 (2021), 2783-2789 [G. Vaughan, G. Prizeman, J. Eustace Cook, G. Byrne]
- 'Self-management support for older adults with chronic illness - the implications for nursing practice', *British Journal of Nursing*, 31, 2 (2022), 86-94 [G. Byrne, B. Keogh, L. Daly]
- Carroll, Margaret**, 'Midwives' views of an evidence-based intervention to reduce caesarean section rates in Ireland', *Women and Birth* (2022), <https://doi.org/10.1016/j.wombi.2022.01.002> [S. Corrigan, V. Howard, L. Gallagher (...), M. Carroll, C. Begley]
- Comiskey, Catherine**, 'Leadership and community healthcare reform: a study using the Competing Values Framework (CVF)', *Leadership in Health Services*, 34, 4 (2021), 485-498 [D. O'Neill, J. De Vries, C.M. Comiskey]
- Coughlan, Michael**, *Doing a literature review in nursing, health and social care*, third edition, London, Sage (2021), 1-178 [M. Coughlan, P. Cronin]

Recent publications – Faculty of Health Sciences

Coyne, Imelda, 'Developing a video intervention to improve youth question-asking and provider education during paediatric diabetes clinic encounters: the promoting adolescents communication and engagement study', *Patient Education and Counseling*, 104, 9 (2021), 2170-2176 [S. Pembroke, E.F. Roche, B. Sleath (...), D. Cody, I. Coyne]

'Research with young children: exploring the methodological advantages and challenges of using hand puppets and draw and tell', *Children and Society*, 35, 5 (2021), 813-830 [I. Coyne, D. Mallon, E. Chubb]

'Health care transition: the struggle to define itself', *Comprehensive Child and Adolescent Nursing* (2021), 1-15 [C.L. Betz, I. Coyne, S.M. Hudson]

'How are children's best interests expressed during their hospital visit? - an observational study', *Journal of Clinical Nursing* (2021), <http://hdl.handle.net/2262/97199> [A.A. Quaye, C. Castor, I. Coyne, M. Soderback, I.K. Hallstrom]

'Position statement of the international network for child and family centered care: child and family centred care during the covid19 pandemic', *Journal of Pediatric Nursing*, 61 (2021), 140-143 [M. Al-Motlaq, S. Neill, M.J. Foster (...), I. Coyne *et al.*]

'I don't feel that I can complain about my brother's diabetes: siblings' participation in diabetes care', *Children's Readers Digest*, 6, 2 (2020), 39-44 [R.A. Saurbrey Pals, I. Coyne, D. Grabowski]

'Children should be seen and heard', *Children's Research Digest*, 6, 2 (2020), 4-8 [I. Coyne]

'Seeing lockdown through the eyes of children from around the world: reflecting on a children's artwork project', *Nursing Praxis in Aotearoa New Zealand Journal of Professional Nursing*, 37, 3 (2021), 104-115 [M. Foster, M. Al-motlaq, B. Carter (...), E. Morelius, I. Coyne]

'Child and adolescents' participation in information-sharing and healthcare decision-making', *Child and Youth Participation in Policy, Practice and Research*, eds D. Horgan, D. Keenan, Abingdon Oxon UK, Routledge (2022), 103-116 [I. Coyne, A. Martins]

'How children with juvenile idiopathic arthritis view participation and communication in healthcare encounters: a qualitative study', *Pediatric Rheumatology*, 19, 156 (2021), 10 [V. Lundberg, C. Eriksson, T. Lind, I. Coyne, A. Fjellman-Wiklund]

'Preparing children for operations', *The Lancet Child and Adolescent Health*, 6, 1 (2022), 13-14 [N. Siva, I. Coyne]

'Nurse education over the years: reflections on the past and meeting the challenges of the future', *Ireland's Education Yearbook 2021* (2021), 288-291 [I. Coyne]

Cronin, Patricia, *Doing a literature review in nursing, health and social care*, third edition, London, Sage (2021), 1-178 [M. Coughlan, P. Cronin]

Daly, Deirdre, 'Risk factors for pregnancy-related pelvic girdle pain, a scoping review', *BMC Pregnancy and Childbirth*, 20, 1 (2020), 739 [F. Wuytack, C. Begley, D. Daly]

'A systematic review of utility-based and disease-specific quality of life measurement instruments for women with urinary incontinence', *Neurourology and Urodynamics* (2021), 1-29 [F. Wuytack, P. Moran, D. Daly (...), C. Cusack, M. Donovan]

'Major obstetric haemorrhage: incidence, management and quality of care in Irish maternity units', *European Journal of Obstetrics and Gynaecology and Reproductive Biology*, 257 (2021), 114-120 [R.A. Greene, J. McKernan, E. Manning (...), J. Murphy, M. Ni Bhuinneain]

'Oxytocin administration for induction and augmentation of labour in Polish maternity units - an observational study', *BMC Pregnancy and Childbirth*, 21 (2021), 764 [B. Baranowska, A. Kajdy, I. Kiersnowska (...), D. Daly, M. Rabijewski]

Daly, Louise, 'Training programmes for practitioners in sexual health promotion: an integrative literature review of evaluations', *Sex Education*, 22, 1 (2022), 84-109 [T. Begley, L. Daly, C. Downes, J. de Vries, D. Sharek, A. Higgins]

Recent publications – Faculty of Health Sciences

- 'Community nurses' attitudes, knowledge and educational needs in relation to urinary continence, continence assessment, and management: a systematic review', *Journal of Clinical Nursing* (2021), <https://doi-org.elib.tcd.ie/10.1111/jocn.15969> [M. McCann, A.M. Kelly, J. Eustace-Cook, C. Howlin, L. Daly]
- 'Patient-reported experiences of consultation with an advanced nurse practitioner: factor structure and reliability analysis of the patient enablement and satisfaction survey', *Journal of Advanced Nursing*, 77 (2021), 4279-4289 [D. O'Reilly, A.M. Brady, D. Bryant-Lukosius (...), L. Daly *et al.*]
- 'Self-management support for older adults with chronic illness - the implications for nursing practice', *British Journal of Nursing*, 31, 2 (2022), 86-94 [G. Byrne, B. Keogh, L. Daly]
- De Vries, Jan**, 'Leadership and community healthcare reform: a study using the Competing Values Framework (CVF)', *Leadership in Health Services*, 34, 4 (2021), 485-498 [D. O'Neill, J. De Vries, C.M. Comiskey]
- 'Nurses' views of fundamental relational skills used in clinical practice: a cross-sectional pilot study', *Frontiers of Nursing*, 8, 3 (2021), 223-232 [F. Timmins, J. de Vries, Y. Muldowney (...), S. Buckley, S. McCarthy]
- Understanding psychology for nursing students. Korean adaptation*, first edition, Singapore, Hakjisa Medical (2021), 1-334 [J. De Vries, F. Timmins]
- Dinsmore, John**, 'Digital exercise interventions to improve measures of central obesity or centrally obese individuals: a systematic review', *International Journal of Public Health* (2020), <http://dx.doi.org/10.1007%2Fs00038-020-01385-4> [M. Ballin, A. Hult, S. Björk, J. Dinsmore, P. Nordström, A. Nördstrom]
- 'Views and experiences of people with intellectual disabilities to improve access to assistive technology: perspectives from India', *Disability, CBR and Inclusive Development* (2021), <http://doi.org/10.47985/dcidj.423> [F.H. Boot, R. Ghosh, J. Dinsmore, M. Maclachlan]
- Donnellan, Claire**, 'Cognitive dysfunction and associated neuroimaging biomarkers in antiphospholipid syndrome: a systematic review', *Rheumatology* (2021), <http://dx.doi.org/10.1093/rheumatology/keab452> [C. Donnellan, H. Cohen, D. Werring]
- Donohue, Grainne**, 'Experiences and perceptions of trans and gender non-binary people regarding their psychosocial support needs: a systematic review of the qualitative research evidence', *International Journal of Environmental Research and Public Health*, 18 (2021), <http://hdl.handle.net/2262/95880> [E. McCann, G. Donohue, M. Brown]
- 'Views and experiences of LGBTQ+ people in prison regarding their psychosocial needs: a systematic review of the qualitative research evidence', *International Journal of Environmental Research and Public Health*, 18, 17 (2021), 9335 [G. Donohue, E. McCann, M. Brown]
- 'Decider life skills training as a method of promoting resilience with mental health student nurses on clinical placement', *Nurse Education in Practice* (2021), <https://doi.org/10.1016/j.nepr.2021.103222> [E. Sullivan, E. Gogan, L. Doyle, G. Donohue]
- 'Patient experience of physical restraint in the acute setting: a systematic review of the qualitative research evidence', *Issues in Mental Health Nursing* (2021), <https://doi.org/10.1080/01612840.2021.1978597> [L. Douglas, G. Donohue, J. Morrissey]
- Doyle, Carmel**, 'Medication management in intellectual disability settings: a systematic review', *Journal of Intellectual Disabilities*, 25, 3 (2021), 242-276 [F. Sheerin, J. Eustace-Cook, F. Wuytack, C. Doyle]
- 'Past, present and future: perspectives on an oral history of intellectual disability nursing', *Journal of Intellectual Disabilities*, (2022), 1-16 [C. Doyle, C. Griffiths, S. McAnelly (...), P. Keenan, P. Sutton]

Recent publications – Faculty of Health Sciences

Doyle, Louise, 'Forensic mental health nurses perceptions of clinical supervision: a qualitative descriptive study', *Issues in Mental Health Nursing*, 42, 7 (2021), 682-689 [A. Feerick, L. Doyle, B. Keogh]

'The role and activities of the Traveller mental health liaison nurse: findings from a multi-stakeholder evaluation', *International Journal of Mental Health Nursing* (2021), <http://hdl.handle.net/2262/96801> [K. O'Sullivan, A.M. Brady, C. Downes (...), L. Doyle *et al.*]

'Mental health service users experiences of medication discontinuation: a systematic review of qualitative studies', *Journal of Mental Health* (2021), <http://hdl.handle.net/2262/96766> [B. Keogh, E. Murphy, L. Doyle, G. Sheaf, M. Watts, A. Higgins]

'Decider life skills training as a method of promoting resilience with mental health student nurses on clinical placement', *Nurse Education in Practice* (2021), <https://doi.org/10.1016/j.nepr.2021.103222> [E. Sullivan, E. Gogan, L. Doyle, G. Donohue]

'Developing a health promoting university in Trinity College Dublin - overview and outline process evaluation', *Health Promotion International* (2021), 1-14 [C.D. Darker, M. Mullin, L. Doyle (...), A. Nolan, J.M. Barry]

'Deciding to discontinue prescribed psychotropic medication: a qualitative study of service users' experiences', *International Journal of Mental Health Nursing* (2021), <https://doi.org/10.1111/inm.12894> [M. Watts, E. Murphy, B. Keogh, C. Downes, L. Doyle, A. Higgins]

Elliott, Naomi, 'Patient-reported experiences of consultation with an advanced nurse practitioner: factor structure and reliability analysis of the patient enablement and satisfaction survey', *Journal of Advanced Nursing*, 77(2021), 4279-4289 [D. O'Reilly, A.M. Brady, D. Bryant-Lukosius, J. Varley, L. Daly, P. Cotter, N. Elliot, E. Lehane, S. Fleming S, E. Savage, J. Hegarty, J. Drennan]

Fleming, Sandra, 'Transforming technology to improve the lives of adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities, sixth IASSID Europe congress value diversity*, Amsterdam (2021), 1273-1273 [P. Alvarez, F. O'Reilly, F. Sheerin (...), S. Fleming *et al.*]

'Patient-reported experiences of consultation with an advanced nurse practitioner: factor structure and reliability analysis of the patient enablement and satisfaction survey', *Journal of Advanced Nursing*, 77 (2021), 4279-4289 [D. O'Reilly, A.M. Brady, D. Bryant-Lukosius (...), S. Fleming *et al.*]

'Past, present and future: perspectives on an oral history of intellectual disability nursing', *Journal of Intellectual Disabilities*, (2022), 1-16 [C. Doyle, C. Griffiths, S. McAnelly (...), S. Fleming *et al.*]

Gallagher, Louise, 'Midwives' views of an evidence-based intervention to reduce caesarean section rates in Ireland', *Women and Birth* (2022), <https://doi.org/10.1016/j.wombi.2022.01.002> [S. Corrigan, V. Howard, L. Gallagher (...), M. Carroll, C. Begley]

Higgins, Agnes, 'Evaluation of a co-facilitated information and learning mental health programme for service users: the EOLAS programme', *Irish Journal of Psychological Medicine*, 37, 2 (2020), 89-98 [A. Higgins, C. Downes, D. Hevey (...), M. Monahan, P. Gibbons]

'The road we travel': developing a co-produced narrative for a photovoice project', *Journal of Psychiatric and Mental Health Nursing*, 28, 4 (2021), 622-631 [J. Barry, C. Monahan, M. Monahan (...), P. Gibbons, A. Higgins]

'Training programmes for practitioners in sexual health promotion: an integrative literature review of evaluations', *Sex Education*, 22, 1 (2022), 84-109 [T. Begley, L. Daly, C. Downes, J. de Vries, D. Sharek, A. Higgins]

'It can be difficult to find the right words': parents' needs when breaking news and communicating to children with cancer and their siblings', *Journal of Psychosocial Oncology*, 39, 4 (2021), 571-585 [M. Kenny, K. Duffy, G. Hynes (...), M. O'Rourke, A. Higgins]

Recent publications – Faculty of Health Sciences

- 'Photovoice: an ideal methodology for use within recovery-oriented mental health research', *Issues in Mental Health Nursing*, 42, 7 (2021), 676-681 [B.J. Higgins]
- 'An embodied distress: African asylum seekers' experiences of mental distress while awaiting an asylum outcome in Ireland', *Transcultural Psychiatry*, 58, 2 (2021), 239-253 [R. Murphy, B. Keogh, A. Higgins]
- 'Stakeholder perspectives of community mental health forums: a qualitative study in Sierra Leone', *International Journal of Mental Health Systems*, 14, 1 (2020), 1-13 [B. Adams, F. Vallières, J.A. Duncan, A. Higgins, J. Eaton]
- 'Meaning in life in long-term recovery in first-episode psychosis: an interpretative phenomenological analysis', *Frontiers in Psychiatry* (2021), <http://hdl.handle.net/2262/96792> [D. O'Keeffe, B. Keogh, A. Higgins]
- 'The role and activities of the Traveller mental health liaison nurse: findings from a multi-stakeholder evaluation', *International Journal of Mental Health Nursing* (2021), <http://hdl.handle.net/2262/96801> [K. O'Sullivan, A.M. Brady, C. Downes (...), A. Higgins *et al.*]
- 'Mental health service users experiences of medication discontinuation: a systematic review of qualitative studies', *Journal of Mental Health* (2021), <http://hdl.handle.net/2262/96766> [B. Keogh, E. Murphy, L. Doyle, G. Sheaf, M. Watts, A. Higgins]
- 'Exploring the complexities of postpartum sexual health', *Current Sexual Health Reports* (2021), 1-8 [D. O'Malley, A. Higgins, V. Smith]
- 'Deciding to discontinue prescribed psychotropic medication: a qualitative study of service users' experiences', *International Journal of Mental Health Nursing* (2021), <https://doi.org/10.1111/inm.12894> [M. Watts, E. Murphy, B. Keogh, C. Downes, L. Doyle, A. Higgins]
- 'Factors influencing attendees' engagement with group psychoeducation: a multi-stakeholder perspective', *Administration and Policy in Mental Health and Mental Health Services Research* (2022), <https://doi.org/10.1007/s10488-021-01182-y> [A. Higgins, C. Downes, M. Murphy, J. Barry, M. Monahan, L. Doyle, P. Gibbons]
- 'Learning to deliver LGBT+ aged care: exploring and documenting best practices in professional and vocational education through the world café method', *Ageing and Society* (2021), 1-22 [T. Hafford-Letchfield, A. Pezzella, S. Connell (...), A. Higgins *et al.*]
- 'Nursing home staff mental health during the covid-19 pandemic in the Republic of Ireland', *International Journal of Geriatric Psychiatry*, 37, 1 (2021), <https://doi.org/10.1002/gps.5648> [C. Brady, C. Fenton, O. Loughran, A. Higgins, D. McLoughlin]
- Huntley-Moore, Sylvia**, 'Supporting the transition from nursing student to newly qualified children's nurse', *Nursing Children and Young People* (2021), 11 pages [N. Bartley, S. Huntley-Moore]
- Keenan, Paul**, 'The reported effects of the covid-19 pandemic on people with intellectual disability and their carers: a scoping review', *Annals of Medicine*, 53, 1 (2021), 786-804 [O. Doody, P.M. Keenan]
- 'Urinary incontinence and the impact on migrant individuals with intellectual disability', *British Journal of Nursing*, 30, 18 (2021), S30-S38 [A.M. Kelly, P.M. Keenan]
- 'Past, present and future: perspectives on an oral history of intellectual disability nursing', *Journal of Intellectual Disabilities*, (2022), 1-16 [C. Doyle, C. Griffiths, S. McAnelly (...), P. Keenan, P. Sutton]
- Keogh, Brian**, 'An embodied distress: African asylum seekers' experiences of mental distress while awaiting an asylum outcome in Ireland', *Transcultural Psychiatry*, 58, 2 (2021), 239-253 [R. Murphy, B. Keogh, A. Higgins]
- 'Forensic mental health nurses perceptions of clinical supervision: a qualitative descriptive study', *Issues in Mental Health Nursing*, 42, 7 (2021), 682-689 [A. Feerick, L. Doyle, B. Keogh]

Recent publications – Faculty of Health Sciences

- 'Meaning in life in long-term recovery in first-episode psychosis: an interpretative phenomenological analysis', *Frontiers in Psychiatry* (2021), <http://hdl.handle.net/2262/96792> [D. O'Keefe, B. Keogh, A. Higgins]
- 'The role and activities of the Traveller mental health liaison nurse: findings from a multi-stakeholder evaluation', *International Journal of Mental Health Nursing* (2021), <http://hdl.handle.net/2262/96801> [K. O'Sullivan, A.M. Brady, C. Downes (...), A. Higgins *et al.*]
- 'Mental health service users experiences of medication discontinuation: a systematic review of qualitative studies', *Journal of Mental Health* (2021), <http://hdl.handle.net/2262/96766> [B. Keogh, E. Murphy, L. Doyle, G. Sheaf, M. Watts, A. Higgins]
- 'Deciding to discontinue prescribed psychotropic medication: a qualitative study of service users' experiences', *International Journal of Mental Health Nursing* (2021), <https://doi.org/10.1111/inm.12894> [M. Watts, E. Murphy, B. Keogh, C. Downes, L. Doyle, A. Higgins]
- 'Self-management support for older adults with chronic illness - the implications for nursing practice', *British Journal of Nursing*, 31, 2 (2022), 86-94 [G. Byrne, B. Keogh, L. Daly]
- 'Learning to deliver LGBT+ aged care: exploring and documenting best practices in professional and vocational education through the world café method', *Ageing and Society* (2021), 1-22 [T. Hafford-Letchfield, A. Pezzella, S. Connell (...), A. Higgins *et al.*]
- Lalor, Joan**, 'Balancing restrictions and access to maternity care for women and birthing partners during the covid-19 pandemic: the psychosocial impact of suboptimal care', *BJOG: an International Journal of Obstetrics and Gynaecology* (2021), 1-1 [J. Lalor, S. Ayers, J. Calleja (...), S.I. Karlsdottir, A. Horsch]
- 'Nurr1 alterations in perinatal stress: a first step towards late-onset diseases? A narrative review', *Biomedicines*, 8, 12 (2021), 1-16 [L. Bordoni, I. Petracc, J. Calleja-Agius, J.G. Lalor, R. Gabbianelli]
- 'Nutri-epigenetics and gut microbiota: how birth care, bonding and breastfeeding can influence and be influenced?', *International Journal of Molecular Sciences*, 21, 14 (2020), 1-17 [R. Gabbianelli, L. Bordoni, S. Morano, J. Calleja-Agius, J.G. Lalor]
- 'Perceptions of women and partners on labor and birth positions: a meta-synthesis', *Birth*, 49, 1 (2022), 19-29 [S. Shorey, V. Chan, J. Lalor]
- 'Quality of life and sexual function after a pregnancy complicated by placenta accreta spectrum', *Australian and New Zealand Journal of Obstetrics and Gynaecology*, 61, 5 (2021), 708-714 [H.C. Bartels, K. Terlizzi, N. Cooney (...), J.G. Lalor *et al.*]
- McCabe, Catherine**, 'School nurses' available education to manage children with asthma at schools: a scoping review', *Journal of Pediatric Nursing*, 60 (2021), 46-57 [Z. Al Kindi, C. McCabe, M. McCann]
- 'Impact of nurse-led asthma intervention on child health outcomes: a scoping review', *Journal of School Nursing* (2021), 1-14 [Z. Al Kindi, C. McCabe, M. McCann]
- 'Nurses' views of fundamental relational skills used in clinical practice: a cross-sectional pilot study', *Frontiers of Nursing*, 8, 3 (2021), 223-232 [F. Timmins, J. de Vries, Y. Muldowney (...), C. McCabe *et al.*]
- 'A narrative review of preventive measures for postoperative delirium in older adults', *British Journal of Nursing*, 30, 6 (2021), 367-373 [P. Shaji, C. McCabe]
- McCann, Margaret**, 'Impact of nurse-led asthma intervention on child health outcomes: a scoping review', *The Journal of School Nursing* (2021), 1-14 [Z.A. Kindi, C. McCabe, M. McCann]
- 'Review of the feasibility of a smartphone application (app) supporting a self-management programme among Chronic Obstructive Pulmonary Disease (COPD) patients', *Irish Journal of Medical Science*, 190, 1 supp (2021), S52-S53 [L. Glynn, E. Moloney, M. Klooball, C. McCabe, M. McCann]

Recent publications – Faculty of Health Sciences

'Community nurses' attitudes, knowledge and educational needs in relation to urinary continence, continence assessment, and management: a systematic review', *Journal of Clinical Nursing* (2021), <https://doi-org.elib.tcd.ie/10.1111/jocn.15969> [M. McCann, A.M. Kelly, J. Eustace-Cook, C. Howlin, L. Daly]

McCarron, Mary, 'Down syndrome and dementia: advances in the field', *Current Opinion in Psychiatry*, 33, 3 (2020), 278-283 [E. McGlinchey, P. McCallion, M. McCarron]

'Measuring drug burden in older adults with intellectual disabilities: critical issues for consideration in finding the optimal measure to improve safety of medicines use', *Expert Opinion on Drug Safety*, 19, 6 (2020), 649-652 [M. O'Dwyer, P. McCallion, M. McCarron, J. O'Connell, M. Henman]

'Biopsychosocial factors associated with depression and anxiety in older adults with intellectual disability: results of the wave 3 intellectual disability supplement to the Irish Longitudinal Study on Ageing', *Journal of Intellectual Disability Research: JIDR*, 64, 5 (2020), 368-380 [L. Bond, R. Carroll, N. Mulryan (...), P. McCallion, M. McCarron]

'Sedentary behaviour levels in adults with an intellectual disability: a systematic review protocol', *HRB Open*, 3, 57 (2020), <https://doi.org/10.12688/hrbopenres.13123.2> [L. Lynch, M. McCarron, P. McCallion, E. Burke]

'Responding to changing workforce realities: one profession's experience', *Handbook on ageing with disability*, eds M. Putnam, C. Bigby, London, Taylor and Francis (2021), <https://doi-org.elib.tcd.ie/10.4324/9780429465352> [F. Sheerin, P. McCallion, M. McCarron]

'The methodological approach to the co-creation of online health education with and for individuals with intellectual disability', *Global Journal of Intellectual and Developmental Disabilities*, 7, 5 (2021), <http://hdl.handle.net/2262/96275> [E. Burke, H. Dennehy, A. Bakker (...), M. McCarron, A. Oppewal]

'Factors associated with the progression of deficit accumulation frailty among adults with an intellectual disability: a systematic review revealing research gaps', *HRB Open Research* (2021), <https://doi.org/10.12688/hrbopenres.13257.1> [B. Dee, E. Burke, R. Romero-Ortuno, P. McCallion, M. McCarron]

'Hidden lives and deaths: the last months of life of people with intellectual disabilities living in long-term, generic care settings in the UK', *Journal of Applied Research in Intellectual Disabilities* (2021), 1-10 [S. Todd, J. Bernal, R. Worth (...), M. McCarron, K. Hunt]

'The impact of long-term exposure to anticholinergics among people with intellectual disabilities: a scoping review protocol', *HRB Open Research*, 4, 62 (2021), <https://doi.org/10.12688/hrbopenres.13266.1> [L. Al Shuhaimi, M. Henman, P. McCallion, M. McCarron, M. O'Dwyer]

'Optimising medicines use in older adults with intellectual disability who have epilepsy: challenges and perspectives', *Therapeutic Advances in Drug Safety*, 12 (2021), 1-5 [M. O'Dwyer, L. Watkins, M. Henman, P. McCallion, M. McCarron, R. Shankar]

'The impact of covid-19 on the social inclusion of older adults with an intellectual disability during the first wave of the pandemic in Ireland', *Journal of Intellectual Disability Research* (2021), <http://doi.org/10.1111/jir.12862> [D. McCausland, R. Luus, P. McCallion, E. Murphy, M. McCarron]

'Sedentary behaviour levels in adults with an intellectual disability: a systematic review and meta-analysis', *HRB Open Res*, 4, 69 (2021), <https://doi.org/10.12688/hrbopenres.13326.1> [L. Lynch, M. McCarron, P. McCallion, E. Burke]

'The relationship between antiepileptic drug load and challenging behaviors in older adults with intellectual disability and epilepsy', *Epilepsy and Behavior*, 122 (2021), <http://hdl.handle.net/2262/96748> [R. Monaghan, M. O'Dwyer, R. Luus (...), M. McCarron M.C. Henman]

'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), F. Flannery, P. McCallion]

Recent publications – Faculty of Health Sciences

- 'The impact of coronavirus disease 2019 (covid-19) on older adults with an intellectual disability during the first wave of the pandemic in Ireland', *HRB Open Research*, 4, 93 (2021), <https://doi.org/10.12688/hrbopenres.13238.1> [M. McCarron, D. McCausland, R. Luus (...), F. Flannery, P. McCallion]
- 'Reflections about hypertension in older adults with an intellectual disability: the importance of Home Blood Pressure Monitoring (HBPM) - authors' reply', *European Journal of Cardiovascular Nursing*, 20, 4 (2021), 391 [F. O'Brien, P. McCallion, R. Carroll (...), E. Burke, M. McCarron]
- 'Developing a healthy university campus in Trinity College Dublin - overview and an outline process evaluation', *Health Promotion International* (2021), <http://dx.doi.org/10.1093/heapro/daab180> [C.D. Darker, M. Mullin, L. Doyle (...), M. McCarron *et al.*]
- 'Overweight/obesity and chronic health conditions in older people with intellectual disability in Ireland', *Journal of Intellectual Disability Research* (2021), <https://doi.org/10.1111/jir.12900> [J. Ryan, P. McCallion, M. McCarron, R. Luus, E.A. Burke]
- 'End of life care for people with an intellectual disability a qualitative exploration of staff carers' experiences', *BMC Palliative Care* (2021), <https://doi.org/10.21203/rs.3.rs-1008624/v1> [M. McCarron, P. McCallion, E. Burke, F. Timmins]
- 'Men's bones matter too, a cross sectional study examining bone health among men with intellectual disability in Ireland', *OBM Geriatrics*, 5, 4 (2021), <http://hdl.handle.net/2262/97587> [E. Burke, R. Carroll, A.W. Ding (...), P. McCallion, M. McCarron]
- 'Recruitment and retention in longitudinal studies of people with intellectual disability: a case study of the Intellectual Disability Supplement to the Irish Longitudinal Study on Ageing (IDS-TILDA)', *Research in Developmental Disabilities*, 124 (2022), <https://doi.org/10.1016/j.ridd.2022.104197> [M. McCarron, D. McCausland, E. McGlinchey (...), E. Burke, P. McCallion]
- McGlinchey, Eimear**, 'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), E. McGlinchey *et al.*]
- 'The impact of coronavirus disease 2019 (covid-19) on older adults with an intellectual disability during the first wave of the pandemic in Ireland', *HRB Open Research*, 4, 93 (2021), <https://doi.org/10.12688/hrbopenres.13238.1> [M. McCarron, D. McCausland, R. Luus (...), E. McGlinchey *et al.*]
- 'Ageing with intellectual disability: dementia and cognitive decline', *Handbook of dual disorders*, ed J. Matson, Springer Link (2020), 311-330 [F. Sheerin, P. McCallion, E. McGlinchey, M. O'Dwyer, E. Reilly, M. McCarron]
- 'Connectome-based predictive modeling of cognitive reserve', *Alzheimer's and Dementia*, 7, S5 (2021), <https://doi.org/10.1002/alz.057654> [R. Boyle, M. Connaughton, E. McGlinchey (...), R.A. Kenny, R. Whelan]
- 'Recruitment and retention in longitudinal studies of people with intellectual disability: a case study of the Intellectual Disability Supplement to the Irish Longitudinal Study on Ageing (IDS-TILDA)', *Research in Developmental Disabilities*, 124 (2022), <https://doi.org/10.1016/j.ridd.2022.104197> [M. McCarron, D. McCausland, E. McGlinchey (...), E. Burke, P. McCallion]
- McKee, Gabrielle**, 'A pilot evaluation of an app devised to support self-management among patients with heart failure', *Book of abstracts, Trinity Health and Education International Research Conference 2021 (THEconf2021): 'Transforming healthcare in a changing world: new ways of thinking and working'*, Trinity College Dublin (2021), 1 [N. Capes, G. McKee, M. Mooney]
- 'National survey identifying the factors associated with cardiovascular care nurses' perceived knowledge of international practice guidelines', *The Journal of Cardiovascular Nursing* (2021), <http://hdl.handle.net/2262/96069> [G. McKee, M. Hayes, N. Caples (...), N. Gillen, S. Teehan]

Recent publications – Faculty of Health Sciences

- 'The association of persistent symptoms of depression and anxiety with recurrent acute coronary syndrome events: a prospective observational study', *Healthcare*, 10, 383 (2022), 9 [A.S. Alhurani, A.M. Hamdan-Mansour, M.M. Ahmad (...), G. McKee *et al.*]
- Monahan, Mark**, 'Evaluation of a co-facilitated information and learning mental health programme for service users: the EOLAS programme', *Irish Journal of Psychological Medicine*, 37, 2 (2020), 89-98 [A. Higgins, C. Downes, D. Hevey (...), M. Monahan, P. Gibbons]
- 'Beyond the moment: influence of a co-facilitated education intervention on practitioners' recovery beliefs and practices', *International Journal of Mental Health Nursing*, 29, 6 (2020), 1067-1078 [A. Higgins, R. Murphy, C. Downes, J. Barry (...), M. Monahan *et al.*]
- 'The Road We Travel': developing a co-produced narrative for a photovoice project', *Journal of Psychiatric and Mental Health Nursing*, 28, 4 (2021), 622-631 [J. Barry, C. Monahan, M. Monahan (...), P. Gibbons, A. Higgins]
- 'Factors influencing attendees' engagement with group psychoeducation: a multi-stakeholder perspective', *Administration and Policy in Mental Health and Mental Health Services Research* (2022), <https://doi.org/10.1007/s10488-021-01182-y> [A. Higgins, C. Downes, M. Murphy (...), M. Monahan *et al.*]
- Mooney, Mary**, 'A pilot evaluation of an app devised to support self-management among patients with heart failure', *Book of abstracts, Trinity health and education international research conference 2021 (THEconf2021): transforming healthcare in a changing world: new ways of thinking and working*, Trinity College Dublin (2021), 1 [N. Capes, G. McKee, M. Mooney]
- 'The association of persistent symptoms of depression and anxiety with recurrent acute coronary syndrome events: a prospective observational study', *Healthcare*, 10, 383 (2022), 9 [A.S. Alhurani, A.M. Hamdan-Mansour, M.M. Ahmad (...), M. Mooney *et al.*]
- Morrissey, Jean**, 'Mental health nurses' perceived preparedness to work with adults who have child sexual abuse histories', *Journal of Psychiatric Mental Health Nursing*, 28, 3 (2020), 384-393 [C. Kennedy, J. Morrissey, G. Donohue]
- Handbook of professional and ethical practice for psychologists, counsellors and psychotherapists*, third edition, Brunner Routledge (2020), 1-354 [R. Tribe, J. Morrissey]
- 'Training supervision: professional and ethical considerations', *Handbook of professional and ethical practice for psychologists, counsellors and psychotherapists*, eds R. Tribe, J. Morrissey, third edition, Hove, UK, Brunner Routledge (2020), 232-2245 [J. Morrissey]
- 'Patient experience of physical restraint in the acute setting: a systematic review of the qualitative research evidence', *Issues in Mental Health Nursing* (2021), <https://doi.org/10.1080/01612840.2021.1978597> [L. Douglas, G. Donohue, J. Morrissey]
- Muldoon, Kathryn**, 'Assessing fetal movements in pregnancy: a qualitative evidence synthesis of women's views, perspectives and experiences', *BMC Pregnancy and Childbirth*, 21, 1 (2021), 1-14 [V. Smith, K. Muldoon, V. Brady, H. Delaney]
- Mulryan, Niamh**, 'Transforming technology to improve the lives of adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities, sixth IASSID Europe Congress Value Diversity*, Amsterdam, IASSID (2021), 1273-1273 [P. Alvarez, F. O'Reilly, F. Sheerin (...), E. Foden, N. Mulryan]
- 'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), N. Mulryan *et al.*]
- Murphy, Fiona**, 'The impact of diabetes mellitus on chronic kidney disease progression', *Chronic kidney disease (stages 1-3). A guide for nurses*, ed A. Drähne, Hergiswil, Switzerland, European Dialysis and Transplant Nurses Association/European Renal Care Association (EDTNA/ERCA) (2021), 60-67 [F. Murphy, L. Apuzzo]

Recent publications – Faculty of Health Sciences

- 'Cardiovascular risk in chronic kidney disease', *Chronic kidney disease (stages 1-3). A guide for nurses*, ed A. Drähne, Hergiswil, Switzerland, European Dialysis and Transplant Nurses Association/European Renal Care Association (EDTNA/ERCA) (2021), 68-76 [L. Apuzzo, F. Murphy]
- Nash, Michael**, 'Prevalence and factors associated with problematic internet use in a population of Spanish university students', *Int. J. Environ. Res. Public Health*, 18, 7620, 14 (2021), 1-12 [E. Ramón-Arбуés, J.M. Granada-López, B. Martínez-Abadía, E. Echániz-Serrano, I. Antón-Solanas, M. Nash]
- O'Brien, Frances**, 'Reflections about hypertension in older adults with an intellectual disability: the importance of Home Blood Pressure Monitoring (HBPM) - authors' reply', *European Journal of Cardiovascular Nursing*, 20, 4 (2021), 391 [F. O'Brien, P. McCallion, R. Carroll, M. O'Dwyer, E. Burke, M. McCarron]
- 'The association of persistent symptoms of depression and anxiety with recurrent acute coronary syndrome events: a prospective observational study', *Healthcare*, 10, 383 (2022), 9 [A.S. Alhurani, A.M. Hamdan-Mansour, M.M. Ahmad (...), F. O'Brien *et al.*]
- O'Donnell, Sharon**, 'The association of persistent symptoms of depression and anxiety with recurrent acute coronary syndrome events: a prospective observational study', *Healthcare*, 10, 383 (2022), 9 [A.S. Alhurani, A.M. Hamdan-Mansour, M.M. Ahmad (...), S. O'Donnell *et al.*]
- O'Sullivan, Karin**, 'The role and activities of the Traveller mental health liaison nurse: findings from a multi-stakeholder evaluation', *International Journal of Mental Health Nursing* (2021), <http://hdl.handle.net/2262/96801> [K. O'Sullivan, A.M. Brady, C. Downes, A. Higgins, L. Doyle, T. McCann, B. Keogh]
- Panda, Sunita**, 'Challenges faced by student nurses and midwives in clinical learning environment- a systematic review and meta-synthesis', *Nurse Education Today*, 101 (2021), 104875 [S. Panda, M. Dash, J. John (...), K. Mohanty, J. Eustace-Cook]
- 'A systematic review of utility-based and disease-specific quality of life measurement instruments for women with urinary incontinence', *Neurourology and Urodynamics* (2021), 1-29 [F. Wuytack, P. Moran, D. Daly (...), S. Panda *et al.*]
- Phelan, Amanda**, 'Psychosocial interventions for family carers of people with dementia: a systematic review and meta-analysis', *Journal of Aging and Health* (2020), 1-12 [Á. Teahan, A. Lafferty, E. McAuliffe (...), E. Nicolson, G. Fealy]
- Quirke, Mary**, 'Triggers and interventions of patients who require medical emergency team reviews: a cross-sectional analysis of single versus multiple reviews', *Critical Care Nurse*, 41, 4 (2021), e1-e10 [G. Byrne, S. Ennis, A.M. Barnes, P. Morrison, S. Connors, M.B. Quirke]
- 'Initiating technology dependence to sustain a child's life: a systematic review of reasons', *Journal of Medical Ethics* (2021), <http://hdl.handle.net/2262/97423> [D. Alexander, M.B. Quirke, J. Berry (...), M. Healy, M. Brenner]
- Sheerin, Fintan**, 'Responding to changing workforce realities: one profession's experience', *Handbook on ageing with disability*, eds M. Putnam, C. Bigby, London, Taylor and Francis (2021), <https://doi-org.elib.tcd.ie/10.4324/9780429465352> [F. Sheerin, P. McCallion, M. McCarron]
- 'Transforming technology to improve the lives of adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities, sixth IASSID Europe congress value diversity*, Amsterdam, IASSID (2021), 1273-1273 [P. Alvarez, F. O'Reilly, F. Sheerin (...), E. Foden, N. Mulryan]
- 'Distributed leadership practices and interventions in intellectual disability services', *Distributed Leadership in nursing and healthcare*, eds E.A. Curtis, M. Beirne, J.G. Cullen, R. Northway, S. Corrigan, London, Open University Press (2021), 69-75 [F. Sheerin]

Recent publications – Faculty of Health Sciences

- 'The impact of covid-19 on people ageing with an intellectual disability in Ireland: protocol for a follow-up survey', *HRB Open Research*, 4, 95 (2021), <https://doi.org/10.12688/hrbopenres.13340.1> [M. McCarron, A. Allen, D. McCausland (...), F. Sheerin et al.]
- 'The impact of coronavirus disease 2019 (covid-19) on older adults with an intellectual disability during the first wave of the pandemic in Ireland', *HRB Open Research*, 4, 93 (2021), <https://doi.org/10.12688/hrbopenres.13238.1> [M. McCarron, D. McCausland, R. Luus (...), F. Sheerin et al.]
- Smith, Valerie**, 'Shared decision-making and maternity care in the deep learning age: acknowledging and overcoming inherited defeaters', *Journal of Clinical Evaluation in Practice*, 27, 3 (2021), 497-503 [K. Begley, C. Begley, V. Smith]
- 'A concept analysis of 'trial recruitment' using the hybrid model - phase 1 findings', *HRB Open Research*, 3, 92 (2020), 1-13 [H. Delaney, D. Devane, A. Hunter (...), C. Gamble, V. Smith]
- 'Assessing fetal movements in pregnancy: a qualitative evidence synthesis of women's views, perspectives and experiences', *BMC Pregnancy and Childbirth*, 21, 1 (2021), 1-14 [V. Smith, K. Muldoon, V. Brady, H. Delaney]
- 'Interventions relating to fetal movements for improving pregnancy outcomes', *Cochrane Database of Systematic Reviews*, 7 (2021), 1-20 [M. Davies-Tuck, P. Middleton, M.E. Weller (...), V. Smith et al.]
- 'Identifying outcomes reported in exercise interventions in oesophagogastric cancer survivors: a systematic review', *BMC Cancer*, 21, 586 (2021), 1-9 [L. O'Connor, E. Smyth, A.E. Bennett (...), V. Smith et al.]
- 'Exploring the complexities of postpartum sexual health', *Current Sexual Health Reports* (2021), 1-8 [D. O'Malley, A. Higgins, V. Smith]
- 'Covid 19 and clinical outcomes of pregnancy: a comparative study', *British Journal of Midwifery*, 29, 11 (2021), 642-647. [V. Smith, S. Panda, D. O'Malley, N. Vallejo, P. Barry]
- 'Development of a Core Outcome Set (COS) for studies relating to awareness and clinical management of reduced fetal movement: study protocol', *Trials*, 22, 894 (2021), 1 [D.J.L. Hayes, D. Devane, J.C. Dumville, V. Smith, T. Walsh, A.E.P. Heazell]
- 'Physiological track-and-trigger/early warning systems for use in maternity care (review)', *Cochrane Database of Systematic Reviews*, 9, CD013276. (2021), <https://doi.org/10.1002/14651858.CD013276.pub2>. [V. Smith, L. Kenny, J. Sandall, D. Devane, M. Noonan]
- 'Clinician's attitudes towards caesarean section: a cross-sectional survey in two tertiary level maternity units in Ireland', *Women and Birth*, S1871-5192(21)00142(2021), <https://doi.org/10.1016/j.wombi.2021.08.004> [V. Smith, K. Hannon, C. Begley]
- 'Women's views and experiences of maternity care during covid-19 in Ireland: a qualitative descriptive study', *Midwifery*, 103, 103092 (2021), <https://doi.org/10.1016/j.midw.2021.103092> [S. Panda, D. O'Malley, B. Barry, N. Vallejo, V. Smith]
- 'Women's experiences of water immersion during labour and childbirth in a hospital setting in Ireland: a qualitative study', *Midwifery*, 103278 (2022), <https://doi.org/10.1016/j.midw.2022.103278> [M. Dado, V. Smith, P. Barry]
- 'Use of core outcome sets was low in clinical trials published in major medical journals', *J Clinical Epidemiology*, 142 (2022), 19-28 [K. Matvienko-Sikar, K. Avery, D. Devane (...), V. Smith et al.]
- 'Midwives' views of an evidence-based intervention to reduce caesarean section rates in Ireland', *Women and Birth* (2022), <https://doi.org/10.1016/j.wombi.2022.01.002> [S. Corrigan, V. Howard, L. Gallagher (...), V. Smith et al.]
- Timmins, Fiona**, 'End of life in acute hospital setting - a systematic review of families' experience of spiritual care', *Journal of Clinical Nursing*, 29, 7-8 (2020), 1041-1052 [N. Hennessy, K. Neenan, V. Brady, M. Sullivan, J. Eustace-Cook, F. Timmins]

Recent publications – Faculty of Health Sciences

- 'An overview of patterns and trends in nursing publications from the People's Republic of China', *Frontiers of Nursing*, 7, 2 (2020), 111-118 [F. Timmins]
- 'Dignity, privacy, respect and choice - a scoping review of measurement of these concepts within acute healthcare practice', *Journal of Clinical Nursing*, 29, 11-12 (2020), 1832-1857 [A. Bagnasco, M. Zanini, N. Dasso (...) F. Timmins *et al.*]
- 'Writing for publication - implications of text recycling and cut and paste writing', *Journal of Nursing Management*, 28, 5 (2020), 999-1001 [F. Timmins]
- 'Who is failing who? A survey exploration of the barriers and enablers to accurate decision making when nursing students' competence is below required standards', *Nurse Education in Practice*, 45, 102791 (2020), <http://dx.doi.org/10.1016/j.nepr.2020.102791> [O. Nugent, C. Lydon, S. Part (...), G. Prizeman, F. Timmins]
- 'An overview of 5-year patterns and trends in the Journal of Nursing Management', *Journal of Nursing Management*, 28, 3 (2020), 457-460 [F. Timmins]
- 'An exploration of the relationship between spirituality, religion and mental health among youth who identify as LGBT+: a systematic literature review', *Journal of Religion and Health*, 59, 2 (2020), 828-844 [E. McCann, G. Donohue, F. Timmins]
- 'The need to develop competencies for patient therapeutic education in nurse education and practice through cross border conversations', *Nurse Education in Practice*, 44, 102761 (2020), <http://dx.doi.org/10.1016/j.nepr.2020.102761> [A. Bagnasco, F. Timmins, G. Aleo (...), M. Zanini, L. Sasso]
- 'A cross-sectional multisite exploration of Italian paediatric nurses' reported burnout and its relationship to perceptions of clinical safety and adverse events using the RN4CAST@IT-Ped', *Journal of Advanced Nursing* (2020), <http://dx.doi.org/10.1111/jan.14401> [A. Bagnasco, N. Dasso, S. Rossi (...) F. Timmins *et al.*]
- 'End of life care for people with an intellectual disability a qualitative exploration of staff carers' experiences', *BMC Palliative Care* (2021), <https://doi.org/10.21203/rs.3.rs-1008624/v1> [M. McCarron, P. McCallion, E. Burke, F. Timmins]
- Whelan, Jacqueline*, 'Chapter 6 Competence # 2 - Interpersonal', *Enhancing nurses' and midwives' competence in providing spiritual care through innovative education and compassionate care*, eds M. McSherry, A. Boughey, J. Attard, Switzerland, Springer (2021), 95-109 [J. Attard, M.A. Atarhim, B. Dobrowolska, J. Jomeen, J. Pike, J. Whelan]
- 'A cross sectional pilot study of nurses' views of communication and relational skills used in clinical practice', *Frontiers of Nursing*, 8, 3 (2021), 223-232 [F. Timmins, C. McCabe, J. Whelan (...), S. McCarthy, J. DeVries]
- Wuytack, Francesca*, 'A systematic review of utility-based and disease-specific quality of life measurement instruments for women with urinary incontinence', *Neurourology and Urodynamics* (2021), 1-29 [F. Wuytack, P. Moran, D. Daly (...), C. Cusack, M. Donovan]

School of Pharmacy and Pharmaceutical Sciences

- Cadogan, Cathal*, 'Provision of clinical pharmacy services during the covid-19 pandemic: experiences of pharmacists from 16 European countries', *Research in Social and Administrative Pharmacy*, 17, 8 (2020), 1507-1517 [V. Paudyal, C. Cadogan, D. Fialová (...), M. Lutters, D. Stewart]
- 'Primary care-based models of care for osteoarthritis: a scoping review protocol', *HRB Open Research*, 4 (2021), 48 [J. Cunningham, F. Doyle, J.M. Ryan (...), C. Cadogan *et al.*]
- 'Pharmacists' involvement in covid-19 vaccination across Europe: a situational analysis of current practice and policy', *International Journal of Clinical Pharmacy* (2021), <http://hdl.handle.net/2262/96747> [V. Paudyal, D. Fialová, M.C. Henman (...), C. Cadogan *et al.*]

Recent publications – Faculty of Health Sciences

- D'Arcy, Deirdre**, 'Exploring population pharmacokinetic models in patients treated with vancomycin during continuous venovenous haemodiafiltration (CVVHDF)', *Critical Care (London, England)*, 25, 1 (2021), 443 [M. Kirwan, R. Munshi, H. O'Keefe (...), M. Donnelly, D.M. D'Arcy]
- Ehrhardt, Carsten**, 'Covid-19; current situation and recommended interventions', *Int J Clin Pract*, 75, 5 (2021), e13886 [H. Saeed, H. Osama, Y.M. Madney, H.S Harb, M.A. Abdelrahman, C. Ehrhardt, M.E.A. Abdelrahim]
- 'In vitro and ex vivo models in inhalation biopharmaceutical research - advances, challenges and future perspectives', *Adv Drug Deliv Rev*, 177 (2021), 113862 [M.A. Selo, J.A. Sake, K.J. Kim, C. Ehrhardt]
- Grimes, Tamazine**, 'Is it time for greater patient involvement to enhance transitional medication safety?', *BMJ Quality and Safety* (2021), bmjqs-2021-014116 [T.C. Grimes]
- 'Personal Electronic Records of Medications (PERMs) for medication reconciliation at care transitions: a rapid realist review', *BMC Medical Informatics and Decision Making*, 21, 307 (2021), 1-17 [C. Waldron, J. Cahill, S. Cromie (...), J. Pevnick, T. Grimes]
- 'Interprofessional education focused on medication safety: a systematic review', *Journal of Interprofessional Care* (2022), 1-20 [T. Grimes, E. Guinan]
- 'Potential costs and consequences associated with medication error at hospital discharge: an expert judgement study', *European Journal of Hospital Pharmacy* (2022), <http://dx.doi.org/10.1136/ejhp-2021-002697> [G. Kirwan, A. O'Leary, C. Walsh (...), P. Redmond, T. Grimes]
- Healy, Anne-Marie**, 'Comparison between colistin sulfate dry powder and solution for pulmonary delivery', *Pharmaceutics*, 12, 6 (2020), 1-17 [F. Tewes, J. Brillault, N. Gregoire (...), A.-M. Healy, S. Marchand]
- Henman, Martin**, 'Experiences of the medication use process by people with intellectual disabilities. What a pharmacist should know!', *Pharmacy*, 9, 1 (2021), 24-45 [B. Flood, M.C. Henman]
- 'Optimising medicines use in older adults with intellectual disability who have epilepsy: challenges and perspectives', *Therapeutic Advances in Drug Safety*, 12 (2021), 1-5 [M. O'Dwyer, L. Watkins, M. Henman, P. McCallion, M. McCarron, R. Shankar]
- 'The relationship between antiepileptic drug load and challenging behaviors in older adults with intellectual disability and epilepsy', *Epilepsy and Behavior*, 122 (2021), <http://hdl.handle.net/2262/96748> [R. Monaghan, M. O'Dwyer, R. Luus (...), M. McCarron, M.C. Henman]
- 'Pharmacists' involvement in covid-19 vaccination across Europe: a situational analysis of current practice and policy', *International Journal of Clinical Pharmacy* (2021), <http://hdl.handle.net/2262/96747> [C. Paudyal, D. Fialová, M.C. Henman (...), S. Rydant, J. Acosta-Gómez]
- Medina Martin, Carlos**, 'Retinocytoma with vitreous seeding: new insights from enhanced depth imaging optical coherence tomography and high-resolution posterior segment ultrasonography', *Retinal Cases Brief Reports*, 15, 1 (2021), 68-70 [R.B. Garoon, C.A. Medina, C. Scelfo, J.W. Harbour]
- Meegan, Mary**, 'Synthesis and antiproliferative evaluation of 3-chloroazetidino-2-ones with antimitotic activity: heterocyclic bridged analogues of combretastatin A-4', *Pharmaceutics*, 14, 11 (2021), art. 1119 [A.M. Malebari, S. Wang, T.F. Greene (...), D.M. Zisterer, M.J. Meegan]
- Mukhopadhyaya, Anindya**, 'Optimisation and comparison of orthogonal methods for separation and characterisation of extracellular vesicles to investigate how representative infant milk formula is of milk', *Food Chemistry*, 353 (2021), 129309 [A. Mukhopadhyaya, J. Santoro, B. Moran, Z. Useckaite, L. O'Driscoll]
- 'Extracellular vesicle separation from milk and infant milk formula using acid precipitation and ultracentrifugation', *STAR Protocols* (2021), <http://hdl.handle.net/2262/97195> [A. Mukhopadhyaya, J. Santoro, L. O'Driscoll]

Recent publications – Faculty of Health Sciences

- Nagar, Shipra**, 'Extracellular polymeric substances in antarctic environments: a review of their ecological roles and impact on glacier biogeochemical cycles', *Polar Science* (2021), 100686 [S. Nagar, R. Antony, M. Thamban]
- Naughton, Bernard**, 'A systematic review of substandard, falsified, unlicensed and unregistered medicine sampling studies: a focus on context, prevalence, and quality', *BMJ Global Health*, 5, 8 (2020), <http://dx.doi.org/10.1136/bmjgh-2020-002393> [D. McManus, B.D. Naughton]
'Covid-19 and risks to the supply and quality of tests, drugs, and vaccines', *The Lancet Global Health*, 8, 6 (2020), e754-e755 [P.N. Newton, K.C. Bond, M. Adeyeye (...), J. Veronika, M. Zaman]
- O'Boyle, Niamh**, 'Synthesis and antiproliferative evaluation of 3-chloroazetidin-2-ones with antimitotic activity: heterocyclic bridged analogues of combretastatin A-4', *Pharmaceuticals*, 14, 11 (2021), 1119 [A.M. Malebari, S. Wang, T.F. Greene (...), N.M. O'Boyle *et al.*]
- O'Connell, Juliette**, 'Defensive pharmacy practice: a gap in our understanding', *International Journal of Clinical Pharmacy* (2021), <http://hdl.handle.net/2262/96492> [J. O'Connell]
- O'Driscoll, Lorraine**, 'Optimisation and comparison of orthogonal methods for separation and characterisation of extracellular vesicles to investigate how representative infant milk formula is of milk', *Food Chemistry*, 353 (2021), 129309 [A. Mukhopadhyaya, J. Santoro, B. Moran, Z. Useckaite, L. O'Driscoll]
'Miniaturized in vitro in vitro assays to study cellular phenotypic characteristics: proliferation, migration, invasion, and anoikis-resistance', *Methods molecular biology*, ed S. Smith, Springer Nature (2021), http://dx.doi.org/10.1007/978-1-0716-1302-3_19 [N. McNamee, L. O'Driscoll]
'A call for the standardised reporting of factors affecting the exogenous loading of extracellular vesicles with therapeutic cargos', *Advanced Drug Delivery Reviews*, 173 (2021), 479-491 [S. Rankin-Turner, P. Vader, L. O'Driscoll, B. Giebel, L.M. Heaney, O.G. Davies]
'International society for extracellular vesicles and international society for cell and gene therapy statement on extracellular vesicles from mesenchymal stromal cells and other cells: considerations for potential therapeutic agents to suppress coronavirus disease-19', *Cytotherapy*, 22, 9 (2020), 482-485 [D.J. Weiss, J.A. Anderson, W.S. Toh, K.W. Witwer, S.K. Lim, B. Giebel]
'Evidence for the need to evaluate more than one source of extracellular vesicles, rather than single or pooled samples only, when comparing extracellular vesicles separation methods', *Cancers*, 13, 16 (2021), 4021-4030 [S. Martinez-Pacheco, L. O'Driscoll]
'Extracellular vesicle separation from milk and infant milk formula using acid precipitation and ultracentrifugation', *Star Protocols*, 2, 4 (2021), 100821-100830 [A. Mukhopadhyaya, J. Santoro, L. O'Driscoll]
'A method of separating extracellular vesicles from blood shows potential clinical translation, and reveals extracellular vesicle cargo gremlin-1 as a diagnostic biomarker', *Transl. Oncol.*, 15, 1 (2022), 1012-1020 [N. McNamee, R. Daly, J. Crown, L. O'Driscoll]
'Pre-clinical in vitro models used in cancer research: results of a worldwide survey', *Cancers*, 13, 23 (2021), 6033-6041 [S. Martinez-Pacheco, L. O'Driscoll]
'Updating MISEV: evolving the minimal requirements for studies of extracellular vesicles', *JEV*, 10, 14 (2021), 12182-12190 [K.W. Witwer, D.C. Goberdhan, L. O'Driscoll (...), S. Sahoo, L. Zheng]
- O'Dwyer, Maire**, 'The impact of long-term exposure to anticholinergics among people with intellectual disabilities: a scoping review protocol', *HRB Open Research*, 4, 62 (2021), <https://doi.org/10.12688/hrbopenres.13266.1> [L. Al Shuhaimi, M. Henman, P. McCallion, M. McCarron, M. O'Dwyer]

Recent publications – Faculty of Health Sciences

- 'Optimising medicines use in older adults with intellectual disability who have epilepsy: challenges and perspectives', *Therapeutic Advances in Drug Safety*, 12 (2021), 1-5 [M. O'Dwyer, L. Watkins, M. Henman, P. McCallion, M. McCarron, R. Shankar]
- 'The relationship between antiepileptic drug load and challenging behaviors in older adults with intellectual disability and epilepsy', *Epilepsy and Behavior*, 122 (2021), <http://hdl.handle.net/2262/96748> [R. Monaghan, M. O'Dwyer, R. Luus (...), M. McCarron, M.C. Henman]
- 'Ageing with intellectual disability: dementia and cognitive decline', *Handbook of Dual Disorders*, ed J. Matson, Springer Link (2020), 311-330 [F. Sheerin, P. McCallion, E. McGlinchey, M. O'Dwyer, E. Reilly, M. McCarron]
- 'Reflections about hypertension in older adults with an intellectual disability: the importance of Home Blood Pressure Monitoring (HBPM) - authors' reply', *European Journal of Cardiovascular Nursing*, 20, 4 (2021), 391 [F. O'Brien, P. McCallion, R. Carroll, M. O'Dwyer, E. Burke, M. McCarron]
- Ruiz-Hernandez, Eduardo**, 'Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications', *Journal of Controlled Release*, 337 (2021), 193-211 [K. Zivojevic, M. Mladenovic, M. Djisalov (...), E. Ruiz-Hernandez *et al.*]
- Sheridan, Helen**, 'Open innovation in medical and pharmaceutical research: a literature landscape analysis', *Frontiers in Pharmacology - Ethnopharmacology* (2021), 587526 [A. Wai Kan Yeung, A.G. Atanasov, H. Sheridan (...), H. Willschke, E. Schaden]
- 'Resveratrol as an anti-cancer agent: its nano-formulations as an emerging cancer therapy', *Frontiers in Molecular Biosciences*, (2021), 1-71 [J. Sharifi-Rad, E.C. Quispe Chávez, M. Zhazira, R. Muhammad Kamal, A. Szopa]
- Tajber, Lidia**, 'Characterisation and fundamental insight into the formation of new solid state, multicomponent systems of propranolol', *International Journal of Pharmaceutics*, 602 (2021), 120605 [K. Bialek, Z. Wojnarowska, B. Twamley, L. Tajber]
- 'High-pressure dielectric studies - a way to experimentally determine the solubility of a drug in the polymer matrix at low temperatures', *Molecular Pharmaceutics*, 18, 8 (2021), 3050-3062 [K. Chmiel, J. Knapik-Kowalczyk, E. Kaminska, L. Tajber, M. Paluch]
- 'Formation of low melting point binary systems comprising ketoprofen and an amide local anaesthetic', *International Journal of Pharmaceutics*, 607 (2021), 120969 [A. Umerska, J. Zotova, L. Tajber]
- 'Formation of stoichiometric and non-stoichiometric ionic liquid and cocrystal multicomponent phases of lidocaine with azelaic acid by changing counterion ratios', *Journal of Molecular Liquids*, 344 (2021), 117737 [J. Zotova, Z. Wojnarowska, B. Twamley, L. Tajber]
- 'Submerged eutectic-assisted, solvent-free mechanochemical formation of a propranolol salt and its other multicomponent solids', *Pharmaceutics*, 13, 12 (2021), 2125 [K. Bialek, Z. Wojnarowska, M. Skotnicki, B. Twamley, M. Paluch, L. Tajber]
- "New" solutions to the problem of poorly soluble drugs - the role of 'green', anti-crystal engineering', *Proceedings, the first international electronic conference on pharmaceutics*, (2020), x [L. Tajber, H. Mesallati, J. Zotova, Z. Wojnarowska, A. Umerska]
- Walsh, John**, 'Hybridization of green synthesized silver nanoparticles with poly(ethylene glycol) methacrylate and their biomedical applications', *PeerJ*, 10 (2022), 1-28 [N. Anwar, A. Khan, J.J. Walsh, S. Saleem, Z. Anwar, S. Aslam, M. Irshad]