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


'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]


**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


'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.]


Covid-19 a personal reflection', *Special Care in Dentistry*, 40, 3 (2020), 216 [A. Dougall]


'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.]


'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]


Recent publications – Faculty of Health Sciences


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]

'Development of a novel e-learning platform for providing feedback in the clinical learning environment', Folia Phonetica and Logopae (2021), 10.1159/000519614 [D. Quigley, O. Gilheaney, M. O'Neill, S. Davis]


'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]


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]


'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.]


'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]


'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]


'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


'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]


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


ANATOMY


‘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]


‘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]


‘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


'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]


'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]


'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]


'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]


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


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Recent publications – Faculty of Health Sciences


'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.]


'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.]


'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]

Brady, Gareth, 'Poxviral targeting of interferon regulatory factor activation', *Viruses*, 12, 10 (2020), http://hdl.handle.net/2262/96285 [C. Lawler, G. Brady]


'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]


'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.]


'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.]


'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]


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]


'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]


'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]


'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]


'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]


'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.]


'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]


'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]


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]


'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]


'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]

'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


'IQGAP1 is a scaffold of the core proteins of the hippo pathway and negatively regulates the pro-apoptotic 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]


'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. Delahunt]


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.]


'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]


'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]


'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. Carvalheiro, 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]


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]


'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]


Recent publications – Faculty of Health Sciences


'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.]


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.]


'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.]


Recent publications – Faculty of Health Sciences


'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]


**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.]


'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]


'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]


'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.]


'Biologic treatment options for severe asthma', *Current Opinion in Immunology*, 66 (2020), 151-160 [A.P. Hearn, B.D. Kent, 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]


**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.]


'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


'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]


'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]


'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]


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]


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]


'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.]


'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]


'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]


**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.*]


**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]


'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]


**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 Cheallaig, 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]


'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]


Recent publications – Faculty of Health Sciences


'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]


'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.]


Recent publications – Faculty of Health Sciences


'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]


*Salim, Asad*, 'Rare cutaneous manifestation of covid-19', *British Medical Journal*, 14, 1 (2021), e240863 [L. Killion, P.E. Beatty, A. Salim]


*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. Bruyodonckx, S. Coenen (...), H. Goossens, Y. Glupczynski]


'Sun protection factor reimbursement as a means to promote increased usage in an organ transplant recipient population', *Photodermatology, Photobiology, 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]


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]


'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]


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 γδ 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


Recent publications – Faculty of Health Sciences


'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]


'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]


'Unconventional T cells - new players in antifungal immunity', *Clinical Immunology* (2021), 108734 [M.R. Dunne, J. Wagener, J. Loefffler, 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. Gütting, J. Wagener (...), O. Kurzai, A. Schubert-Unkmeir]

'Alpha- and β-1,3-glucan synthesis and remodeling', *Current Topics in Microbiology and Immunology* (2021), 1347-1353 [K. Dichtl, Ö. Koc, J. Forster (...), J. Wagener, I. Schroeder]

'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. Gütting, 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]

'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]

'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]

'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]

'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]

'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


'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]


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**


'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.]


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.]


'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.]


'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.]

Recent publications – Faculty of Health Sciences


'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 (...), S.A. O'Toole, J.J. O'Leary]


Calendar 2022-23
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]


'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]


'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 γδ 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]


'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]

**Recent publications – Faculty of Health Sciences**


'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]


**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]


Recent publications – Faculty of Health Sciences


'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]


'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]


'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.]


'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.]


'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]

'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]


'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.]


'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.]


'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.]


'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.]


'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]


'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]


'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]


'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]


'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.]

Recent publications – Faculty of Health Sciences


'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]


'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]


'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]


'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.]


McCrory, 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. McCrory]


'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. McCrory 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. McCrory, G. Fiorito, A.M. O'Halloran, S. Poldoro, P. Vineis, R.A. Kenny]


'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]


Recent publications – Faculty of Health Sciences


O'Neill, Desmond, 'Listening to illness: hearing gout through music', *BMJ*, 375 (2021), n068240 [D. O'Neill]


'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]


'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]


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]


'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]


'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. Ni Shè, M-T. Cooney]


Recent publications – Faculty of Health Sciences


'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. Adron, C. Dominguez-Vivero, 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]


'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.]


**OBSTETRICS AND GYNAECOLOGY**


*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]


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.]


**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]


'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


'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]


**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]


"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]


**PAEDIATRICS**


Byrne, Angela, 'Home-based graded exposure to egg to treat egg allergy', Clinical and Translational Allergy, 11, 8 (2021), http://dx.doi.org/10.1002/clt2.12068 [S. Cotter, D. Lad, A. Byrne, J.O'B. Hourihane]

Byrne, Angela, '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]

Byrne, Angela, '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]

Byrne, Angela, 'Googling allergy in Ireland: content analysis', Journal of Medical Internet Research, 22, 5 (2020), 16763-16763 [C. King, C. Judge, A. Byrne, N. Conlon]


Byrne, Angela, '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]


Byrne, Aideen, 'Googling allergy in Ireland: content analysis', Journal of Medical Internet Research, 22, 5 (2020), 16763-16763 [C. King, C. Judge, A. Byrne, N. Conlon]

Byrne, Aideen, 'House dust mite sensitization is associated with food sensitization in early-onset atopic dermatitis', Clinical and Experimental Allergy (2021), http://dx.doi.org/10.1136/archdischild-2019-317126 [N.C. Lagan, F. Mc Grane, D. Huggard (…), J. Balfe, E. Molloy]
Recent publications – Faculty of Health Sciences


'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.]


'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]


'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.]


'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]

'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]


'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]


'Biologics 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]


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]


Lynch, Sally, 'Derivation of four iPSC lines from a male ASD patient carrying a deletion in the middle coding region of NRXN1α 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 NRXN1α 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]


'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]

'NRXN1α +/− 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]


'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]


Recent publications – Faculty of Health Sciences


'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]


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]


'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 haemophilia 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]


'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.]


'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]


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.]

X100 Calendar 2022-23
Recent publications – Faculty of Health Sciences


'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]


Recent publications – Faculty of Health Sciences


'Late-onset ornithine transcarbamylase deficiency mimicking a focal opercular syndrome', Practical Neurology (2022), practneurol-2021-003196 [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]


'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. Farnan, M. Hall (...), M. Hennessy, M. Barry]


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


'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]


'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.]


'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


'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]


'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]


'Investigation of association of genetic variant rs3918242 of matrix metalloprotease-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]


Recent publications – Faculty of Health Sciences


Egana, Mikel, 'Time course of changes in $\dot{V}O_2$peak 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. Egana]

'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. Egana]


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.]


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


‘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.]


Recent publications – Faculty of Health Sciences


'High prevalence of abdominal obesity in females with axial spondyloarthropathy', 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 spondyloarthropathy', 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. Ni Bhroin, L. Kelly, D. Sweetman (...), E.J. Molloy, A.L.W. Bokde]


'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]


Recent publications – Faculty of Health Sciences


'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]


**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]


Recent publications – Faculty of Health Sciences


'Quarantine, restrictions and mental health in the covid-19 pandemic', *QJM*, 114, 2 (2021), 93-94 [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]


'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]


Recent publications – Faculty of Health Sciences


'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.]


'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]


'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]


'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


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.]


‘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]


Recent publications – Faculty of Health Sciences


'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]


'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]


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.]


'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. Mattheys, A. De Vleminck, S. Dierickx (…), P. May et al.]


'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]


*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


'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.]


'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]


'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]


'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.]


Reid, Alex, 'Impact of traumatic perinatal events on burnout rates among midwives', Occupational Medicine, 70, 8 (2020), 602-605 [Z. Amir, A.J. Reid]


'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]
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]


'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.]


'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.]


'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]


'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.]


Recent publications – Faculty of Health Sciences


'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.]


'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.]


'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]


'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]


'Opposition to cannabis legalization on public health grounds', The Lancet Regional Health-Western Pacific, 9 (2021), 100142 [B.P. Smyth, G.I.G. Christie]


'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


**Research student**


**RADIATION THERAPY**


'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]


**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]


**Kearney, Maeve**, '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]


Calendar 2022-23 X117
Recent publications – Faculty of Health Sciences


'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.]


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


'Interprofessional education focused on medication safety: a systematic review', *Journal of Interprofessional Care* (2022), 1-20 [T. Grimes, E. Guinan]


'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.*]


'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]


'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]


'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]

Recent publications – Faculty of Health Sciences


'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]


'Tissue distribution of y6 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


‘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, 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. Connolly, N. Conroy (…), J. Lysaght, M.J. Conroy]


‘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]


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/2262/2262/97514 [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), 1055656562110037 [C. de Blacam, D Orr]


Recent publications – Faculty of Health Sciences


"An usual case of astasia-abrasia", *Pain Studies and Treatment*, 9, 1 (2021), 1-6 [G. Punshi, A. Purcell, C. Power]


"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]


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]


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]


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]
'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]

Calendar 2022-23 X123
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]


'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]


'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]


'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. McCarrion, M. McCarron]

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'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.]


'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]


**Butler, Éadaoin**, 'Seeking online telemedicine abortion outside the jurisdiction from Ireland following implementation of telemedicine provision locally', *BMJ Sexual and Reproductive Health* (2021), bmjsrh--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]


**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]


'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]

'Children 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]


**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', *Neuourolgy and Urodynamics* (2021), 1-29 [F. Wuytack, P. Moran, D. Daly (...), C. Cusack, M. Donovan]


'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]

Recent publications – Faculty of Health Sciences


'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]


'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]


'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]


'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]


Recent publications – Faculty of Health Sciences


'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]


'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]


"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]


'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]


**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]


'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]


'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


'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]


'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]


'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]


*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]


'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]


'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]

Recent publications – Faculty of Health Sciences


"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.]


"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]


'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]


**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]


**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


'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]


Recent publications – Faculty of Health Sciences


'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]


'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.]


'Exploring the complexities of postpartum sexual health', *Current Sexual Health Reports* (2021), 1-8 [D. O'Malley, A. Higgins, V. Smith]


'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]


'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.]


Recent publications – Faculty of Health Sciences


‘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]


School of Pharmacy and Pharmaceutical Sciences


'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, Tamasine, '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/ejhpharm-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]


'Extracellular vesicle separation from milk and infant milk formula using acid precipitation and ultracentrifugation', STAR Protocols (2021), http://hdl.handle.net/2262/97195 [A. Mukhopadhya, J. Santoro, L. O'Driscoll]

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]


'Pre-clinical in vitro and in vivo studies of extracellular vesicles to investigate the potential of exosomal miR-223 as a diagnostic biomarker', Transl. Oncol., 15, 1 (2022), 1012-1020 [N. McNamee, R. Daly, J. Crown, 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. Mukhopadhya, J. Santoro, L. O'Driscoll]


'Preclinical 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]

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]


'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]


'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-Kowalczuk, E. Kaminska, L. Tajber, M. Paluch]


"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]