

Recent Publications - Faculty of Health Sciences

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

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

School of Dental Science

ORAL BIOSCIENCES

Coleman, David, 'An observational cross-sectional study of nasal staphylococcal species of medical students of diverse geographical origin, prior to healthcare exposure. Prevalence of SCCmec, fusC, fusB and the arginine catabolite mobile element (ACME) in the absence of selective antibiotic pressure', *BMJ Open*, 8, 4 (2018), 1-8 (E020391) [P.E. Budri, A.C. Shore, D.C. Coleman, P.M. Kinnevey, H. Humphreys, D. Fitzgerald-Hughes]

'Significant enrichment and diversity of the staphylococcal arginine catabolic mobile element ACME in *Staphylococcus epidermidis* isolates from subgingival peri-implantitis sites and periodontal pockets', *Frontiers In Microbiology*, 9, 1558 (2018), 1-15 [A.M. O'Connor, B.A. McManus, P.M. Kinnevey, G.I. Brennan, T.E. Fleming, P.J. Cashin, M. O'Sullivan, I. Polyzois, D.C. Coleman]

'Intra-hospital, inter-hospital and intercontinental spread of St78 MRSA from two neonatal intensive care unit outbreaks established using whole-genome sequencing', *Frontiers In Microbiology*, 9 (1485) (2018), 1-13 [M.R. Earls, D.C. Coleman, G.I. Brennan, T. Fleming, S. Monecke, P. Slickers, R. Ehrlich, A.C. Shore]

'Molecular typing of St239-MRSA-iii from diverse geographic locations and the evolution of the sccmec iii element during its intercontinental spread', *Frontiers in Microbiology*, 9 (1436) (2018), 1-31 [S. Monecke, P. Slickers, D. Gawlik (...), D.C. Coleman *et al.*]

'Molecular characterization of nasal MRSA isolates showing increasing prevalence of mupirocin resistance and associated multi-drug resistance following attempted decolonization', *Antimicrobial Agents and Chemotherapy*, 62, 9 (2018), 1-4 (E00819-18) [T. Poovelikunnel, P. Budri, A.C. Shore, D. Coleman, H. Humphreys, D. Fitzgerald-Hughes]

'A novel multidrug-resistant Pvl-negative Cc1-MRSA-iv clone emerging in Ireland and Germany likely originated in south-eastern Europe', *Infection Genetics and Evolution*, 69, April (2019), 117-126 [M.E. Earls, A.C. Shore, G.I. Brennan (...), S. Monecke, D.C. Coleman]

Flanagan, Peter, 'Expansion of the TLO gene family enhances the virulence of *Candida* species', *PLoS ONE*, 13, 7 (2018), <http://hdl.handle.net/2262/83436> [Peter R. Flanagan, Jessica Fletcher, Hannah Boyle, Razvan Sulea, Gary P. Moran, Derek J. Sullivan]

Fleming, Garry, 'Modification of the restoration protocol for resin-based composite (RBC) restoratives (conventional and bulk fill) on cuspal movement and microleakage score in molar teeth', *Dental Materials* (2018), <http://dx.doi.org/10.1016/j.dental.2018.05.010> [I. Politi, L.E.J. McHugh, R.S. Al-Fodeh, G.J.P. Fleming]

Kinnevey, Peter, 'An observational cross-sectional study of nasal staphylococcal species of medical students of diverse geographical origin, prior to healthcare exposure. Prevalence of SCCmec, fusC, fusB and the arginine catabolite mobile element (ACME) in the absence of

Recent publications – Faculty of Health Sciences

- selective antibiotic pressure', *BMJ Open*, 8, 4 (2018), 1-8 (E020391) [P.E. Budri, A.C. Shore, D.C. Coleman, P.M. Kinnevey, H. Humphreys, D. Fitzgerald-Hughes]
- 'Significant enrichment and diversity of the staphylococcal arginine catabolic mobile element acme in *Staphylococcus epidermidis* isolates from subgingival peri-implantitis sites and periodontal pockets', *Frontiers in Microbiology*, 9, 1558 (2018), 1-15 [A.M. O'Connor, B.A. McManus, P.M. Kinnevey, G.I. Brennan, T.E. Fleming, P.J. Cashin, M. O'Sullivan, I. Polyzois, D.C. Coleman]
- McManus, Brenda**, 'Significant enrichment and diversity of the staphylococcal arginine catabolic mobile element ACME in *Staphylococcus epidermidis* isolates from subgingival peri-implantitis sites and periodontal pockets', *Frontiers in Microbiology*, 9, 1558 (2018), 1-15 [A.M. O'Connor, B.A. McManus, P.M. Kinnevey, G.I. Brennan, T.E. Fleming, P.J. Cashin, M. O'Sullivan, I. Polyzois, D.C. Coleman]
- Moran, Gary**, 'Expansion of the TLO gene family enhances the virulence of *Candida* species', *PLoS ONE*, 13, 7 (2018), <http://hdl.handle.net/2262/83436> [Peter R. Flanagan, Jessica Fletcher, Hannah Boyle, Razvan Sulea, Gary P. Moran, Derek J. Sullivan]
- '*Candida albicans* hyphal expansion causes phagosomal membrane damage and luminal alkalization', *mBio*, 9, 5 (2018), <http://dx.doi.org/10.1128/mBio.01226-18> [J. Westman, G. Moran, S. Mogavero, B. Hube, S. Grinstein]
- 'The effect of a decontamination protocol on contaminated titanium dental implant surfaces with different surface topography in edentulous patients', *Acta Odontologica Scandinavica*, 77, 1 (2019), 66-75 [M. Alotaibi, G. Moran, B. Grufferty, S. Renvert, I. Polyzois]
- 'Role of mediator in virulence and antifungal drug resistance in pathogenic fungi', *Current Genetics* (2019), <http://dx.doi.org/10.1007/s00294-019-00932-8> [G.P. Moran, M.Z. Anderson, L.C. Myers D.J. Sullivan]
- 'The microbiome and oral cancer: more questions than answers', *Oral Oncology*, 89 (2019), 30-33 [C.M. Healy, G.P. Moran]
- Shore, Anna**, 'An observational cross-sectional study of nasal staphylococcal species of medical students of diverse geographical origin, prior to healthcare exposure. Prevalence of SCCmec, fusC, fusB and the arginine catabolite mobile element (ACME) in the absence of selective antibiotic pressure', *BMJ Open*, 8, 4 (2018), 1-8 (E020391) [P.E. Budri, A.C. Shore, D.C. Coleman, P.M. Kinnevey, H. Humphreys, D. Fitzgerald-Hughes]
- 'Intra-hospital, inter-hospital and intercontinental spread of St78 MRSA from two neonatal intensive care unit outbreaks established using whole-genome sequencing', *Frontiers in Microbiology*, 9 (1485) (2018), 1-13 [M.R. Earls, D.C. Coleman, G.I. Brennan, T. Fleming, S. Monecke, P. Slickers, R. Ehrlich, A.C. Shore]
- 'Molecular typing of St239-MRSA-III from diverse geographic locations and the evolution of the sccmec III element during its intercontinental spread', *Frontiers in Microbiology*, 9 (1436) (2018), 1-31 [S. Monecke, P. Slickers, D. Gawlik (...), A.C. Shore *et al.*]
- 'Molecular characterization of nasal MRSA isolates showing increasing prevalence of mupirocin resistance and associated multi-drug resistance following attempted decolonization', *Antimicrobial Agents and Chemotherapy*, 62, 9 (2018), 1-4 (E00819-18) [T. Poovelikunnel, P. Budri, A.C. Shore, D.C. Coleman, H. Humphreys, D. Fitzgerald-Hughes]
- 'A novel multidrug-resistant pvl-negative cc1-MRSA-IV clone emerging in Ireland and Germany likely originated in south-eastern Europe', *Infection Genetics and Evolution*, 69, April (2019), 117-126 [M.E. Earls, A.C. Shore, G.I. Brennan (...), S. Monecke, D.C. Coleman]
- Sullivan, Derek**, 'Expansion of the TLO gene family enhances the virulence of *Candida* species', *PLoS ONE*, 13, 7 (2018), <http://hdl.handle.net/2262/83436> [Peter R. Flanagan, Jessica Fletcher, Hannah Boyle, Razvan Sulea, Gary P. Moran, Derek J. Sullivan]

Recent publications – Faculty of Health Sciences

'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), 2 [Emer Guinan, Emer Barrett, Freda Neill, Tamasine Grimes, Derek Sullivan, Maria O'Sullivan, Aileen Patterson, Tadhg Stapleton, Irene Walsh, John Walsh, and Kevin Conlon]

ORAL AND MAXILLOFACIAL SURGERY, MEDICINE, PATHOLOGY AND RADIOLOGY

Healy, Claire, 'Predictors of oropharyngeal cancer survival in Europe', *Oral Oncology*, 81 (2018), 89-94 [D. Anantharaman, A. Billot, T. Waterboer (...), C.M. Healy *et al.*]

'Genetic contributions to the association between adult height and head and neck cancer: a Mendelian randomization analysis', *Scientific Reports*, 8 (2018), 4534 [R. Pastorino, A. Puggina, R. Carreras-Torres (...), C.M. Healy *et al.*]

'Oral cancer awareness of non-consultant hospital doctors', *Irish Medical Journal*, 111 (2018), 667 [D. Shanahan, C.M. Healy]

Stassen, Leo, 'Prevalence, nature and management of oral stage dysphagia in adults with temporomandibular joint disorders: findings from an Irish cohort', *Journal of Oral and Maxillofacial Surgery*, 76, 8 (2018), 1665-1676 [O. Gilheaney, L. Stassen, M. Walshe]

PUBLIC AND CHILD DENTAL HEALTH

Daly, Blanaid, 'The impact of pre-radiotherapy dental extractions on head and neck cancer patients: a qualitative study', *British Dental Journal*, 225 (2018), 28-32 [S. Clough, M. Burke, S. Scambler, B. Daly]

Leith, Rona, 'Selective reduction of talon cusps - a case series', *The Journal of Clinical Pediatric Dentistry* (2017), <http://dx.doi.org/10.17796/1053-4628-42.1.1> [R. Leith, A.C. O'Connell]

'Top tips for splinting traumatised teeth', *Journal of the Irish Dental Association*, 63, 5 (2017), 260-262 [R. Leith, A.C. O'Connell]

Mac Giolla Phadraig, Caoimhin, 'Pharmacological behaviour support for adults with intellectual disabilities: frequency and predictors in a national cross-sectional survey', *Community Dentistry and Oral Epidemiology* (2018), 1-7 [C. Mac Giolla Phadraig, C. Griffiths. P. McCallion, M. McCarron, E. Donnelly-Swift, J. Nunn]

'Total tooth loss without denture wear is a risk indicator for difficulty eating among older adults with intellectual disabilities', *Journal of Oral Health*, 46, 2 (2018), 170-178 [C. Mac Giolla Phadraig, P. McCallion, J. Nunn, M. McCarron]

Nunn, June, 'Total tooth loss without denture wear is a risk indicator for difficulty eating among older adults with intellectual disabilities', *Journal of Oral Health*, 46, 2 (2018), 170-178 [C. Mac Giolla Phadraig, P. McCallion, J. Nunn, M. McCarron]

O'Connell, Anne, 'Restorative dentistry and dental materials', *The handbook of pediatric dentistry*, eds Arthur J. Nowak and Paul Casamassimo, Chicago, AAPD (2018), 157-176 [Elizabeth Velan, Stephen Mitchell, Anne C. O'Connell]

'Trauma and sports dentistry', *The handbook of pediatric dentistry*, eds Arthur J. Nowak and Paul Casamassimo, Chicago, AAPD (2018), 177-190 [Anne C. O'Connell, Andrew Spadinger]

Sagheri, Darius, 'Oral health-related quality of life of children and adolescents with and without migration background in Germany', *Quality of Life Research*, 27 (2018), <https://doi.org/10.1007/s11136-018-1903-7> [G. Aarabi, D.R. Reissmann, D. Sagheri, J. Neuschulz, G. Heydecke, C. Kofahl, I. Sierwald]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

Duncan, Hal, 'An analysis of effective dose, optimization and its impact on image quality and diagnostic efficacy relating to dental Cone Beam Computed Tomography (CBCT)', *Swiss Dental Journal*, 128, 4 (2017), 297-316 [M. McGuigan, H.F. Duncan, K. Horner]

Recent publications – Faculty of Health Sciences

- 'Dissecting dentine-pulp injury and wound healing responses: consequences for regenerative endodontics', *International Endodontic Journal*, 52, 3 (2019), 261-266 [H.F. Duncan, P.R. Cooper, A.J. Smith]
- 'Preferred reporting items for randomized trials in endodontics (PRIRATE) guidelines: a development protocol', *International Endodontic Journal* (2019), <http://dx.doi.org/10.1111/iej.13087> [V. Nagendrababu, H.F. Duncan, L. Bjørndal, T. Kvist, E. Priya, S.J. Pulikkotil, J. Jayaraman, P.M.H. Dummer]
- 'Deep caries and the exposed pulp: current and emerging therapeutic perspectives', *Third European Society of Endodontology (ESE) research meeting: ACTA*, Amsterdam, The Netherlands, 26th October 2018, <http://dx.doi.org/10.1111/iej.13080>, *International Endodontic Journal*, 52, 2 (2019), 135-138 [H.F. Duncan, L. Bjørndal, L. van der Sluis, D.K. Rechenberg, S. Simon, P.R. Cooper, D. Ricucci, K. Galler]
- O'Sullivan, Jeffrey**, 'Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents', *European Journal of Medicinal Chemistry* (2018), <http://dx.doi.org/10.1016/j.ejmech.2018.11.004> [Margherita Brindisi, Cristina Olivieri, Gloria Alfano (...), J. O'Sullivan *et al.*]
- 'Theobromine and related methylxanthines as inhibitors of primary amine oxidase', *Journal of Food Biochemistry*, e12697 (2018), <http://dx.doi.org/10.1111/jfbc.12697> [P. Shanahan, J. O'Sullivan, K.F. Tipton, G.K. Kinsella, B.J. Ryan, G.T.M. Henehan]
- O'Sullivan, Michael**, 'Significant enrichment and diversity of the staphylococcal arginine catabolic mobile element ACME in *Staphylococcus epidermidis* isolates from subgingival peri-implantitis sites and periodontal pockets', *Frontiers in Microbiology*, 9, 1558 (2018), 1-15 [A.M. O'Connor, B.A. McManus, P.M. Kinnevey, G.I. Brennan, T.E. Fleming, P.J. Cashin, M. O'Sullivan, I. Polyzois, D.C. Coleman]
- Polyzois, Ioannis**, 'Significant enrichment and diversity of the staphylococcal arginine catabolic mobile element ACME in *Staphylococcus epidermidis* isolates from subgingival peri-implantitis sites and periodontal pockets', *Frontiers in Microbiology*, 9, 1558 (2018), 1-15 [Aoife M. O'Connor, Brenda A. McManus, Peter M. Kinnevey (...), Ioannis Polyzois, David C. Coleman.]
- 'The effect of a decontamination protocol on contaminated titanium dental implant surfaces with different surface topography in edentulous patients', *Acta Odontologica Scandinavica*, 77, 1 (2019), 66-75 [M. Alotaibi, G. Moran, B. Grufferty, S. Renvert, I. Polyzois]
- 'Treatment planning for periimplant mucositis and periimplantitis', *Implant Dentistry*, February (2019), <http://dx.doi.org/10.1097/ID.0000000000000869> [Ioannis Polyzois]
- Winning, Lewis**, 'A review of the relationship between chronic periodontitis and diabetes', *US Endocrinology*, 14, 2 (2018), 80 [Lewis Winning, Gerard J. Linden]
- 'Periodontitis and incident type 2 diabetes: a prospective cohort study', *Journal of Clinical Periodontology*, 44, 3 (2017), 266-274 [Lewis Winning, Christopher C. Patterson, Charlotte E. Neville, Frank Kee, Gerard J. Linden]
- 'Desquamative gingivitis - aetiology, diagnosis and management', *Dental Update*, 44, 6 (2017), 564-570 [Lewis Winning, Amanda Willis, Brian Mullally, Christopher Irwin]

School of Medicine

- Burke, Elaine**, 'Introduction of an academic internship in Ireland: views of undergraduate medical students', *Irish Journal of Medical Science* (2018), <https://doi.org/10.1007/s11845-018-1917-8> [E. Burke, M. Teeling, M. Hennessy]
- Guinan, Emer**, 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle, A.E. Bennett, C. Murphy, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]

Recent publications – Faculty of Health Sciences

- Hennessy, Martina*, 'Unmet needs persist in pediatric HIV programs: lessons from selected case studies in Uganda', *AIDS*, 31 (2017), 1196-1199 [J. Orikiiriza, J. Nakawesi, B. Kikaire (...), M. Hennessy *et al.*]
- Lyons, Barry*, 'Stories of shame', *The Lancet*, 391, 10130 (2018), 1568-1569 [B. Lyons, M. Gibson, L. Dolezal]
- 'Shame, stigma and medicine', *Medical Humanities*, 43, 4 (2017), 208-210 [B. Lyons, L. Dolezal]
- 'Health-related shame: an affective determinant of health?', *Medical Humanities*, 43, 4 (2017), 257-263 [L. Dolezal, B. Lyons]
- Murphy, Sinead*, 'Clinical, biomarker, and molecular delineations and genotype-phenotype correlations of ataxia with oculomotor apraxia type 1', *JAMA Neurology*, 75, 4 (2018), 495-502 [M. Renaud, M.C. Moreira, B.B. Monga (...), S. Murphy *et al.*]
- 'Pilot phenotype and natural history study of hereditary neuropathies caused by mutations in the HSPB1 gene', *Neuromuscular Disorders*, 27, 1 (2017), 50-56 [A.M. Rossor, J.M. Morrow, J.M. Polke, S.M. Murphy, H. Houlden, M. Laura, H. Manji, J. Blake, M.M. Reilly]
- 'Congenital myasthenic syndrome due to DPAGT1 mutations mimicking congenital myopathy in an Irish family', *European Journal of Neurology*, 25, 2 (2018), e22-e23 [P. Bogdanova-Mihaylova, R.P.J. Murphy, M.D. Alexander, J.C. McHugh, A.R. Foley, F. Brett, S.M. Murphy]
- Trepel, Dominic*, 'From seed to sampling: growing the evidence', *Physiotherapy*, 103 (2017), e124-e125 [K. Hull, A. Forster, A. Farrin (...), D. Trepel *et al.*]
- 'PATCH: posture and mobility training for care staff versus usual care in care homes: study protocol for a randomised controlled trial', *Trials*, 19, 1 (2018), 521 [Liz Graham, Robert Cicero, David Clarke (...), Karen Hull *et al.*]
- 'The economics of preventing dementia', *New developments in dementia prevention research: state of the art and future possibilities*, eds Kate Irving, Eef Hogervorst, Deborah Oliveira and Miia Kivipelto, Routledge (2018), 156-169 [D. Trepel]

ANATOMY

- Barry, Denis*, 'Novel variations in spatial relations between the facial nerve and superficial temporal and maxillary veins', *Folia Morphologica* (2018), <http://dx.doi.org/10.5603/FM.a2018.0019> [Walid El Kininy, Shane Davy, Leo Stassen, Denis Stephen Barry]
- 'The ketogenic diet in disease and development', *International Journal of Developmental Neuroscience* (2018), <https://doi.org/10.1016/j.ijdevneu.2018.04.005> [Denis Barry, Sarah Ellul, Lindsey Watters, David Lee, Robert Haluska, Robin White]
- 'Awakening neuropsychiatric research into the stria medullaris: development of a diffusion-weighted imaging tractography protocol of this key limbic structure', *Frontiers in Neuroanatomy* (2018), <https://doi.org/10.3389/fnana.2018.00039> [Darren W. Roddy, Elena Roman, Shane Rooney, Sinaoife Andrews, Chloe Farrell, Kelly Doolin, Kirk J. Levins, Leonardo Tozzi, Paul Tierney, Denis Barry, Thomas Frodl, Veronica O'Keane, Erik O'Hanlon]
- 'A comprehensive regional neurochemical theory in depression: a protocol for the systematic review and meta-analysis of 1H-MRS studies in major depressive disorder', *Systematic Reviews*, 7, 158 (2018), <https://doi.org/10.1186/s13643-018-0830-6> [Thomas Drago, Patrick W. O'Regan, Ivan Welaratne (...), Denis Barry *et al.*]
- 'The distribution of the proteoglycan FORSE-1 in the developing mouse central nervous system', *Journal of Anatomy*, 234, 2 (2019), 216-226 [Albert Kelly, Aisling O'Malley, Mohammad Redha, Gerard W. O'Keefe, Denis S. Barry]

Recent publications – Faculty of Health Sciences

'Papez's forgotten tract: 80 years of unreconciled findings concerning the thalamocingulate tract', *Frontiers in Neuroanatomy* (2019), <https://www.frontiersin.org/articles/10.3389/fnana.2019.00014/abstract> [Joshua Klaus Weinger, Elena Roman, Paul Tierney, Denis Barry, Hugh Gallagher, Kirk Levins, Veronica O'Keane, Erik O'Hanlon, Darren Roddy]

'Radiologist's views on anatomical knowledge amongst junior doctors and the teaching of anatomy in medical curricula', *Annals of Anatomy* (2019), <https://doi.org/10.1016/j.aanat.2019.01.011> [Gerard O'Keefe, Shane Davy, Denis Barry]

Tierney, Paul, 'Awakening neuropsychiatric research into the stria medullaris: development of a diffusion-weighted imaging tractography protocol of this key limbic structure', *Frontiers in Neuroanatomy* (2018), <https://doi.org/10.3389/fnana.2018.00039> [Darren W. Roddy, Elena Roman, Shane Rooney (...), Paul Tierney *et al.*]

CLINICAL MEDICINE

Armstrong, Michelle, 'Toll-like receptor 3 L412F polymorphism promotes a persistent clinical phenotype in pulmonary sarcoidosis', *QJM* (2018), 217-224 [G. Cooke, I. Kamal, M. Strengert (...), M.E. Armstrong, S.C. Donnelly]

Basdeo, Sharee, 'The pathogenic role of dendritic cells in non-infectious anterior uveitis', *Experimental Eye Research* (2018), 121-128 [M. O'Rourke, U. Fearon, C.M. Sweeney, S.A. Basdeo, J.M. Fletcher, C.C. Murphy, M. Canavan]

'All-trans retinoic acid augments autophagy during intracellular bacterial infection', *American Journal of Respiratory Cell and Molecular Biology*, 59, 5 (2018), 548-556 [M.M. Coleman, S.A. Basdeo, A.M. Coleman, C.N. Cheallaigh, C. Peral de Castro, A.M. McLaughlin, P.J. Dunne, J. Harris, J. Keane]

Bede, Peter, 'The neuroimaging profile of primary progressive aphasia', *Neurology*, 90, 15 (2018), S34.003 [Eoin Finegan, Rangarioyashe Chipika, Taha Omer, Siobhan Hutchinson, Mark A. Doherty, Alice Vajda, Russell L. McLaughlin, Orla Hardiman, Peter Bede]

'Extra-motor pathology in ALS-FTD: looking beyond C9orf72', *Neurology*, 90, 15 (2018), S25.003 [Eoin Finegan, Rangarioyashe Chipika, Taha Omer, Mark A. Doherty, Alice Vajda, Russell L. McLaughlin, Niall Pender, Orla Hardiman, Peter Bede]

'Machine-learning in neurodegeneration: evaluation, optimisation and validation of MRI-based diagnostic methods', *Neurology*, 90, 15 (2018), P2.027 [Peter Bede, Eoin Finegan, Rangarioyashe Chipika, Orla Hardiman]

'Characterisation of basal ganglia pathology in frontotemporal dementia: a connectivity-based multimodal neuroimaging study', *Neurology*, 90, 15 (2018), S34.002 [Peter Bede, Eoin Finegan, Rangarioyashe Chipika, Taha Omer, Niall Pender, Siobhan Hutchinson, Orla Hardiman]

'Evolving models of pseudobulbar affect: historical accounts, controversies, localisation', *Neurology*, 90, 15 (2018), S39.004 [Peter Bede, Eoin Finegan, Rangarioyashe Chipika, Orla Hardiman]

'Milestones of spinal imaging: myelography in the pre-MRI era', *Neurology*, 90, 15 (2018), P5.304 [Peter Bede, Eoin Finegan, Rangarioyashe Chipika, Orla Hardiman]

'A pharmaco-metabolomics approach in a clinical trial of ALS: identification of predictive markers of progression', *PLoS ONE*, 13, 6 (2018), e0198116 [H. Blasco, F. Patin, A. Descat (...), P. Bede *et al.*]

'Oculomotor neural integrator dysfunction in multiple sclerosis: insights from neuroimaging', *Front Neurol*, 9 (2018), 691 [P. Bede, E. Finegan, R.H. Chipika, Hi Shing S. Li, J. Lambe, J. Meaney, J. Redmond]

'The motor unit number index (MUNIX) profile of patients with adult spinal muscular atrophy', *Clin Neurophysiol*, 129, 11 (2018), 2333-2340 [G. Querin, T. Lenglet, R. Debs (...), P. Bede *et al.*]

Recent publications – Faculty of Health Sciences

- 'Primary lateral sclerosis: a distinct entity or part of the ALS spectrum?', *Amyotroph Lateral Scler Frontotemporal Degener* (2019), 1-13 [E. Finegan, R.H. Chipika, S.L.H. Shing, O. Hardiman, P. Bede]
- 'Imaging cerebral activity in amyotrophic lateral sclerosis', *Front Neurol*, 9 (2019), 1148 [M. Proudfoot, P. Bede, M.R. Turner]
- 'Neurophysiological markers of network dysfunction in neurodegenerative diseases', *Neuroimage Clin*, 22 (2019), 101706 [R. McMackin, P. Bede, N. Pender, O. Hardiman, B. Nasseroleslami]
- 'Dysfunction of attention switching networks in amyotrophic lateral sclerosis', *Neuroimage Clin*, 22 (2019), 101707 [R. McMackin, S. Dukic, M. Broderick (...), P. Bede *et al.*]
- 'A ferroptosis-based panel of prognostic biomarkers for amyotrophic lateral sclerosis', *Sci Rep*, 9, 1 (2019), 2918 [D. Devos, C. Moreau, M. Kyheng (...), P. Bede *et al.*]
- 'Clinical measures of bulbar dysfunction in ALS', *Front Neurol*, 10 (2019), 106 [Y. Yunusova, E.K. Plowman, J.R. Green, C. Barnett, P. Bede]
- 'Machine learning in amyotrophic lateral sclerosis: achievements, pitfalls, and future directions', *Front Neurosci*, 13 (2019), 135 [V. Grollemund, P.F. Pradat, G. Querin, F. Delbot, G. Le Chat, J.F. Pradat-Peyre, P. Bede]
- Bennett, Annemarie**, 'Factors associated with maternal wellbeing at four months post-partum in Ireland', *Nutrients*, 10 (2018), 1-11 [A.E. Bennett, J.M. Kearney]
- 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle, A.E. Bennett, C. Murphy, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]
- Brady, Gareth**, 'Alkylating histone deacetylase inhibitors may have therapeutic value in experimental myeloperoxidase-ANCA vasculitis', *Kidney International* (2018), <https://doi.org/10.1016/j.kint.2018.05.028> [Dearbhaile Dooley, Mirjan M. van Timmeren, Vincent P. O'Reilly (...), Gareth Brady *et al.*]
- Coen, Robert**, 'The vascular impairment of cognition classification consensus study', *Alzheimer's and Dementia*, 13 (2017), 624-633 [O.A. Skrobot, J. O'Brien *et al.*]
- 'The effects of an extensive exercise program on the progression of Mild Cognitive Impairment (MCI): study protocol for a randomised controlled trial', *BMC Geriatrics*, 17 (2017), 1-10 [K. Devenney, M. Sanders, J. Aaronson (...), R.F. Coen *et al.*]
- 'Supplemental retinal carotenoids enhance episodic memory of healthy individuals with low levels of macular pigment in a randomized, double blind, placebo-controlled clinical trial. *Journal of Alzheimer's Disease*, 61, 3 (2018), 947-961 [R. Power, R.F. Coen, S. Beatty, R. Mulcahy, R. Moran, J. Stack, A.N. Howard, J.M. Nolan]
- 'Semantic / phonemic verbal fluency discrepancy in MCI: potential predictor of conversion to Alzheimer's Disease', *Journal of the American Geriatrics Society*, 66, 4 (2018), 755-759 [R.M. Vaughan, R.F. Coen, R.A. Kenny, B.A. Lawlor]
- 'Prosopagnosia as a type of conversion disorder', *Case Reports in Psychiatry*, 5972954 (2018), 1-5 [C. Power, O. Hannigan, R.F. Coen, I. Bruce, M. Gibb, M. McCarthy, D. Robinson, B.A. Lawlor]
- 'Comprehensive neuropsychological assessment of cognitive functioning in adults with lower limb amputations in rehabilitation', *Archives of Physical Medicine and Rehabilitation* (2018), 1-10 [R. Lombard Vance, R.F. Coen, F. O'Keeffe, D. Desmond, N. Ryall, P. Gallagher]
- 'Nilvadipine in mild to moderate Alzheimer's disease: a randomised controlled trial', *PLOS Medicine*, 15, 9 (2018), 1-20 [B.A. Lawlor, R. Segurado, S. Kennelly (...), R.F. Coen *et al.*]

Recent publications – Faculty of Health Sciences

- Cournane, Sean**, 'High risk subgroups sensitive to air pollution levels following an emergency medical admission', *Toxics* (2017), <http://dx.doi.org/10.3390/toxics5040027> [S. Cournane, R. Conway, D. Byrne, D. O'Riordan, S. Coveney, B. Silke]
- 'Deprivation status and the hospital costs of an emergency medical admission', *European Journal of Internal Medicine* (2017), <http://dx.doi.org/10.1016/j.ejim.2017.09.017> [J.J. McCabe, K. McElroy, S. Cournane, D. Byrne, D. O'Riordan, B. Fitzgerald, B. Silke]
- 'The dynamics of the emergency medical readmission - the underlying fundamentals', *European Journal of Internal Medicine* (2017), <http://dx.doi.org/10.1016/j.ejim.2017.09.028> [D. Byrne, D. O'Riordan, R. Conway, S. Cournane, B. Silke]
- 'Fifteen-year outcomes of an acute medical admission unit', *Irish Journal of Medical Science (1971-)* (2018), <http://dx.doi.org/10.1007/s11845-018-1789-y> [Richard Conway, Declan Byrne, Seán Cournane, Deirdre O'Riordan, Bernard Silke]
- 'Rising emergency admission and readmission rates - a retrospective study of demographic and socio-economic factors', *Journal of General Internal Medicine* (2018), 1-3 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]
- 'Lung function and outcomes in emergency medical admissions', *Eur J Intern Med* (2018), S0953-6205 (18) 30371 [N. Akasheh, D. Byrne, P. Coss, R. Conway, S. Cournane, D. O'Riordan, B. Silke]
- 'Admission and readmission rate incidences from deprived areas-impact of a classical or multi-dimensional model', *Irish Journal Of Medical Science* (2018), <http://dx.doi.org/10.1007/s11845-018-1815-0> [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]
- 'Socio-economic status and the clinical acuity of emergency medical admissions', *Panminerva Medica* (2018), <http://dx.doi.org/10.23736/S0031-0808.18.03443-2> [R. Conway, D. Byrne, S. Cournane, D. O'Riordan, B. Silke]
- Doyle, Sarah**, 'Prevalence of age-related macular degeneration associated genetic risk factors and 4-year progression data in the Irish population', *British Journal of Ophthalmology* (2018), doi: [bjophthalmol-2017-311673](https://doi.org/10.1136/bjophthalmol-2017-311673) [Emma Connolly, Maedbh Rhatigan, Aisling O'Halloran, Katherine Muldrew, Usha Chakravarthy, Mark Cahill, Rose Anne Kenny, Sarah L. Doyle]
- 'Toll-like receptors and age-related macular degeneration', *Retinal Degenerative Diseases* (2018), 19-28 [Kelly Mulfaul, Maedbh Rhatigan, Sarah Doyle]
- 'Type 1 IFN induction by cytosolic nucleic acid is intact in neonatal mononuclear cells, contrasting starkly with neonatal hyporesponsiveness to TLR ligation due to independence from endosome-mediated IRF3 activation', *The Journal of Immunology* (2018), doi: [ji1700956](https://doi.org/10.1093/ijl/1700956) [Kiva Brennan, Bobby D. O'Leary, Danielle Mc Laughlin (...), M. McAuliffe, Sarah L. Doyle]
- Doyle, Suzanne**, 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle (...), J.V. Reynolds, J. Hussey]
- Dukic, Stefan**, 'Characteristic increases in EEG connectivity correlate with changes of structural MRI in amyotrophic lateral sclerosis', *Cereb Cortex* (2017), 1-17 [B. Nasseroleslami, S. Dukic, M. Broderick (...), E.C. Lalor, O. Hardiman]
- 'Estimation of coherence using the median is robust against EEG artefacts', *2017 39th annual international conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Jeju, South Korea (2017), 3949 -3952 [S. Dukic, P.M. Iyer, K. Mohr, O. Hardiman, E.C. Lalor, B. Nasseroleslami]
- Fallon, Padraic**, 'A novel role for the macrophage galactose-type lectin (MGL) receptor in mediating von Willebrand factor clearance', *Blood* (2017), <http://dx.doi.org/10.1182/blood-2017-06-787853> [Soracha E. Ward, Jamies M. O'Sullivan, Clive Drakeford (...), Padraic G. Fallon et al.]

Recent publications – Faculty of Health Sciences

- 'The vaccine adjuvant alum promotes IL-10 production that suppresses Th1 responses', *European Journal of Immunology* (2018), 705-715 [E. Oleszycka, S. McCluskey, F.A. Sharp (...), P.G. Fallon, E.C. Lavelle]
- 'Innate lymphoid cells and parasites: ancient foes with shared history', *Parasite Immunology*, 40, 2 (2018), <http://dx.doi.org/10.1111/pim.12513> [D.R. Neill, P.G. Fallon]
- 'Itaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1', *Nature*, 556, 7699 (2018), 113-117 [E.L. Mills, D.G. Ryan, H.A. Prag (...), P.G. Fallon *et al.*]
- 'Neutralization of IL-17C reduces skin inflammation in mouse models of psoriasis and atopic dermatitis', *Journal of Investigative Dermatology* (2018), <http://dx.doi.org/10.1016/j.jid.2018.01.036> [N. Vandeghinste, J. Klattig, C. Jagerschmidt (...), P.G. Fallon *et al.*]
- 'Tissue-restricted adaptive type 2 immunity is orchestrated by expression of the costimulatory molecule OX40L on group 2 innate lymphoid cells', *Immunity* (2018), <http://dx.doi.org/10.1016/j.immuni.2018.05.003> [T.Y.F. Halim, B.M.J. Rana J. Walker (...), P.G. Fallon *et al.*]
- 'ABIN2 function is required to suppress DSS-induced colitis by a Tpl2-independent mechanism', *The Journal of Immunology*, 201, 11 (2018), 3373-3382 [Sambit K. Nanda, Tsunehisa Nagamori, Mark Windheim, Sylvia Amu, Gabriella Aviello, Janet Patterson-Kane, J. Simon C. Arthur, Steven C. Ley, Padraic Fallon, Philip Cohen]
- 'Schistosoma 'eggs-iting' the host: granuloma formation and egg excretion', *Frontiers Immunology*, 9 (2018), 2492 [C. Schwartz, P.G. Fallon]
- 'MicroRNA-155 protects group 2 innate lymphoid cells from apoptosis to promote type-2 immunity', *Frontiers Immunology*, 9 (2018), 2232 [M.D. Knolle, S.B. Chin, B.M.J. Rana, A. Englezakis, R. Nakagawa, P.G. Fallon, A. Git, A.N.J. McKenzie]
- 'Asymmetric synthesis and biological evaluation of imidazole- and oxazole-containing synthetic lipoxin A4 mimetics (sLXms)', *Eur J Med Chem*, 162 (2019), 80-108 [M. de Gaetano, E. Butler, K. Gahan (...), P. Fallon *et al.*]
- Fearon, Ursula**, 'Response to: 'Regulatory role of the JAK STAT kinase signalling system on the IL-23/IL-17 cytokine axis in psoriatic arthritis' by Raychaudhuri *et al.*', *Annals of the Rheumatic Diseases*, 76, 10 (2017), e37 [T. McGarry, W. Gao, D.J. Veale, U. Fearon]
- 'The pathogenic role of dendritic cells in non-infectious anterior uveitis', *Experimental Eye Research* (2018), 121-128 [M. O'Rourke, U. Fearon, C.M. Sweeney, S.A. Basdeo, J.M. Fletcher, C.C. Murphy, M. Canavan]
- 'Oxidative stress impairs energy metabolism in primary cells and synovial tissue of patients with rheumatoid arthritis', *Arthritis Res Ther*, 1, 1 (2018), 95 [E. Balogh, D.J. Veale, T. McGarry, C. Orr, Z. Szekanecz, C.T. Ng, U. Fearon, M. Biniecka]
- 'The pathogenesis of psoriatic arthritis', *Lancet*, 391, (10136) (2018), 2273-2284 [D.J. Veale, U. Fearon]
- 'The utility and limitations of CRP, ESR and DAS28-CRP in appraising disease activity in rheumatoid arthritis', *Front Med*, 3, 5 (2018), 185 [C.K. Orr, A. Najm, F. Young, T. McGarry, M. Biniecka, U. Fearon, D.J. Veale]
- 'Enriched CD141+ DCs in the joint are transcriptionally distinct, activated, and contribute to joint pathogenesis', *JCI Insight*, 3, 23 (2018), 95228 [M. Canavan, A.M. Walsh, V. Bhargava (...), D.J. Veale, U. Fearon]
- 'Performance characteristics and predictors of temporal artery ultrasound for the diagnosis of giant cell arteritis in routine clinical practice in a prospective cohort', *Clin Exp Rheumatol*, Jan 4th (2019) [R. Conway, L. O'Neill, G.M. McCarthy (...), U. Fearon *et al.*]
- 'Standardisation of synovial biopsy analyses in rheumatic diseases: a consensus of the EULAR synovitis and OMERACT synovial tissue biopsy groups', *Arthritis Res Ther*, 1 (2018), 265 [A. Najm, B. Le Goff, C. Orr (...), U. Fearon *et al.*]
- 'Autoimmune and angiogenic biomarkers in autoimmune atherosclerosis', *Clinical Immunology*, 18 (2018), 30721 [E. Balogh, A. Pusztai, A. Hamar (...), U. Fearon *et al.*]

Recent publications – Faculty of Health Sciences

Finucane, Ciaran, 'Impairments in hemodynamic responses to orthostasis associated with frailty: results from The Irish Longitudinal Study on Ageing (TILDA)', *Journal of the American Geriatrics Society*, 66, 9 (2018), 1475-1483 [M.D. O'Connell, G.M. Savva, C. Finucane, R. Romero-Ortuno, C.W. Fan, R.A. Kenny]

'Hemodynamic mechanisms underlying initial orthostatic hypotension, delayed recovery and orthostatic hypotension', *Journal of the American Medical Directors Association*, 19, 9 (2018), 786-792 [V.K. van Wijnen, D.T. Hove, C. Finucane, W. Wieling, A.M. van Roon, J.C. Ter Maaten, M.P.M. Harms]

Gately, Kathy, 'Development and characterisation of a panel of phosphatidylinositide 3-kinase - mammalian target of rapamycin inhibitor resistant lung cancer cell lines', *Scientific Reports*, 8, 1 (2018), 1652 [S. Heavey, P. Dowling, G. Moore, M.P. Barr, N. Kelly, S.G. Maher, S. Cuffe, S.P. Finn, K.J. O'Byrne, K. Gately]

'IHC-based subcellular quantification provides new insights into prognostic relevance of FLIP and procaspase-8 in non-small-cell lung cancer', *Cell Death Discovery*, 14, 3 (2017), 17050 [R.A. Hutchinson, H.G. Coleman, K. Gately (...), D.G. McArt, D.B. Longley]

Gray, Steven, 'Induction of protein citrullination and auto-antibodies production in murine exposed to nickel nanomaterials', *Scientific Reports*, 8, 679 (2018), <http://hdl.handle.net/262/82383> [B.M. Mohamed, N.T. Boyle, A. Schinwald (...), S.G. Gray *et al.*]

'Epigenetic induction of CD1d expression primes lung cancer cells for killing by invariant natural killer T cells', *Oncotmmunology* (2018), e1428156 [É. Dockry, S. O'Leary, L.E. Gleeson, J. Lyons, J. Keane, S.G. Gray, D.G. Doherty]

'BBI608 inhibits cancer stemness and reverses cisplatin resistance in NSCLC', *Cancer Letters*, 428 (2018), 117-126 [L. MacDonagh, S.G. Gray, E. Breen, S. Cuffe, S.P. Finn, K.J. O'Byrne, M.P. Barr]

'Evaluation of NGS and RT-PCR methods for ALK rearrangement in European NSCLC patients: results from the European thoracic oncology platform lungscape project', *Journal of Thoracic Oncology*, 13, 3 (2018), e33-e34 [I. Letovanec, S. Finn, P. Zygoura (...), S. Gray *et al.*]

'In silico and in vitro analyses of lncRNAs as potential regulators in the transition from the epithelioid to sarcomatoid histotype of malignant pleural mesothelioma (MPM)', *International Journal of Molecular Sciences*, 19, 5 (2018), 1297 [A.S. Singh, R. Heery, S.G. Gray]

Hams, Emily, 'The vaccine adjuvant alum promotes IL-10 production that suppresses Th1 responses', *European Journal of Immunology* (2018), 705-715 [E. Oleszycka, S. McCluskey, F.A. Sharp, N. Munoz-Wolf, E. Hams, A.L. Gorman, P.G. Fallon, E.C. Lavelle]

'Toll-like receptor 3 L412F polymorphism promotes a persistent clinical phenotype in pulmonary sarcoidosis.', *QJM* (2018), 217-224 [G. Cooke, I. Kamal, M. Strengert, E. Hams, L. Mawhinney, A. Tynan, C. O' Reilly, D.N. O' Dwyer, S.L. Kunkel, U.G. Knaus, D.C. Shields, D.R. Moller, A.G. Bowie, P.G. Fallon, C.M. Hogaboam, M.E. Armstrong, S.C. Donnelly]

'Itaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1', *Nature*, 556, 7699 (2018), 113-117 [E.L. Mills, D.G. Ryan, H.A. Prag (...), E. Hams *et al.*]

Hickey, Fionnuala, 'Alkylating histone deacetylase inhibitors may have therapeutic value in experimental myeloperoxidase-ANCA vasculitis', *Kidney International* (2018), <https://doi.org/10.1016/j.kint.2018.05.028> [Dearbhaile Dooley, Mirjan M. van Timmeren, Vincent P. O'Reilly (...), Fionnuala B. Hickey *et al.*]

'Role of the immune system in diabetic kidney disease', *Current Diabetes Reports*, 18, 4 (2018), 20 [F.B. Hickey, F. Martin]

Irvine, Alan, 'Next-generation anti-*Staphylococcus aureus* vaccines: a potential new therapeutic option for atopic dermatitis?', *Journal of Allergy and Clinical Immunology*, 143, 1 (2019), 78-81 [J. Clowry, A.D. Irvine, R.M. McLoughlin]

Recent publications – Faculty of Health Sciences

'Human and computational models of atopic dermatitis: a review and perspectives by an expert panel of the International Eczema Council', *Journal of Allergy and Clinical Immunology*, 143, 1 (2019), 36-45 [K. Eyerich, S.J. Brown, B.E. Perez White (...), A. Irvine *et al.*]

'The microbiome in patients with atopic dermatitis', *Journal of Allergy and Clinical Immunology*, 143, 1 (2019), 26-35 [A.S. Paller, H.H. Kong, P. Seed, S. Naik, T.C. Scharschmidt, R.L. Gallo, T. Luger, A.D. Irvine]

'The atopic march and atopic multimorbidity: many trajectories, many pathways', *Journal of Allergy and Clinical Immunology*, 143, 1 (2019), 46-55 [A.S. Paller, J.M. Spergel, P. Mina-Osorio, A.D. Irvine]

'Correlation of insulin-like growth factor-I and -II concentrations at birth measured by mass spectrometry and growth from birth to two months', *Hormone Research in Paediatrics*, 89, 2 (2018), 122-131 [C.P. Hawkes, D.M. Murray, L.C. Kenny (...), A.D. Irvine *et al.*]

'Catalogue of inherited disorders found among the Irish Traveller population', *Journal of Medical Genetics*, 55, 4 (2018), 233-239 [S.A. Lynch, E. Crushell, D.M. Lambert (...), A.D. Irvine, J. Casey]

'Antenatal vitamin D exposure and childhood eczema, food allergy, asthma and allergic rhinitis at 2 and 5 years of age in the atopic disease-specific Cork BASELINE birth cohort study', *Allergy: European Journal of Allergy and Clinical Immunology*, 73, 11 (2018), 2182-2191 [Á. Hennessy, J.O.B. Hourihane, L. Malvisi, A.D. Irvine, L.C. Kenny, D.M. Murray, M.E. Kiely]

'Antenatal vitamin D status is not associated with standard neurodevelopmental assessments at age 5 years in a well-characterized prospective maternal-infant cohort', *Journal of Nutrition*, 148, 10 (2018), 1580-1586 [E.K. McCarthy, D.M. Murray, L. Malvisi, L.C. Kenny, J.O.B. Hourihane, A.D. Irvine, M.E. Kiely]

'Exome sequencing and rare variant analysis reveals multiple filaggrin mutations in Bangladeshi families with atopic eczema and additional risk genes', *Journal of Investigative Dermatology*, 138, 12 (2018), 2674-2677 [M. Pigors, J.E.A. Common, X.F.C.C. Wong (...), A.D. Irvine *et al.*]

'Response to-comment on: 'When does atopic dermatitis warrant systemic therapy? Recommendations from an expert panel of the International Eczema Council'', *Journal of the American Academy of Dermatology*, 79, 2 (2018), e25-e26 [E.L. Simpson, N.J. Reynolds, C. Flohr, A.S. Paller, J.I. Silverberg, M.J. Cork, E. Guttman-Yassky, A.D. Irvine]

'The spectrum of manifestations in desmoplakin gene (DSP) spectrin repeat 6 domain mutations: immunophenotyping and response to ustekinumab', *Journal of the American Academy of Dermatology*, 78, 3 (2018), 498-505.e2 [A.S. Paller, T. Czarnowicki, Y. Renert-Yuval (...), A.D. Irvine *et al.*]

'Use of systemic corticosteroids for atopic dermatitis: International Eczema Council consensus statement', *British Journal of Dermatology*, 178, 3 (2018), 768-775 [A.M. Drucker, K. Eyerich, M.S. de Bruin-Weller (...), A.D. Irvine *et al.*]

'Variation in iodine food composition data has a major impact on estimates of iodine intake in young children', *European Journal of Clinical Nutrition*, 72, 3 (2018), 410-419 [Á. Hennessy, C. Ní Chaoimh, E.K. McCarthy, C. Kingston, A.D. Irvine, J.O. Hourihane, L.C. Kenny, D.M. Murray, M. Kiely]

'Impact of maternal, antenatal and birth-associated factors on iron stores at birth: data from a prospective maternal-infant birth cohort', *European Journal of Clinical Nutrition*, 71, 6 (2017), 782-787 [E.K. McCarthy, L.C. Kenny, J.O. Hourihane, A.D. Irvine, D.M. Murray, M.E. Kiely]

'Microcytosis is associated with low cognitive outcomes in healthy 2-year-olds in a high-resource setting', *British Journal of Nutrition*, 118, 5 (2017), 360-367 [E.K. McCarthy, M.E. Kiely, G. Hannon, C. Ahearne, L.C. Kenny, J.O. Hourihane, A.D. Irvine, D.M. Murray]

Recent publications – Faculty of Health Sciences

- 'The international TREATment of ATopic Eczema (TREAT) registry taskforce: an initiative to harmonize data collection across national atopic eczema photo-and systemic therapy registries', *Journal of Investigative Dermatology*, 137, 9 (2017), 2014-2016 [P.I. Spuls, L.A.A. Gerbens, C.J. Apfelbacher (...), A.D. Irvine, C. Flohr]
- 'When does atopic dermatitis warrant systemic therapy? Recommendations from an expert panel of the International Eczema Council', *Journal of the American Academy of Dermatology*, 77, 4 (2017), 623-633 [E.L. Simpson, M. Bruin-Weller, C. Flohr (...), A.D. Irvine, A.S. Paller]
- Keane, Joseph**, 'Cigarette smoking impairs the bioenergetic immune response to *Mycobacterium tuberculosis* infection', *American Journal of Respiratory Cell and Molecular Biology* (2018), <http://dx.doi.org/10.1165/rcmb.2018-0162oc> [L.E. Gleeson, S.M. O'Leary, D. Ryan, A.M. McLaughlin, F.J. Sheedy, J.M. Keane]
- 'Cause or effect? The elusive role of regulatory T cells in tuberculosis', *American Journal of Respiratory and Critical Care Medicine*, 198, 1 (2018), 11-12 [S. Schwander, J. Keane]
- 'Inhalable poly(lactic-co-glycolic acid) (PLGA) microparticles encapsulating all-trans-retinoic acid (ATRA) as a host-directed, adjunctive treatment for *Mycobacterium tuberculosis* infection', *European Journal of Pharmaceutics and Biopharmaceutics: Official Journal of Arbeitsgemeinschaft fur Pharmazeutische Verfahrenstechnik e.V.*, 134 (2019), 153-165 [G. O'Connor, N. Krishnan, A. Fagan-Murphy, J. Cassidy, S. O'Leary, B.D. Robertson, J. Keane, M.P. O'Sullivan, S.A. Cryan]
- 'All-trans retinoic acid augments autophagy during intracellular bacterial infection', *American Journal of Respiratory Cell and Molecular Biology*, 59, 5 (2018), 548-556 [M.M. Coleman, S.A. Basdeo, A.M. Coleman, C.N. Cheallaigh, C. Peral de Castro, A.M. McLaughlin, P.J. Dunne, J. Harris, J. Keane]
- Lavin, Peter**, 'Agreement between renal prescribing references and determination of prescribing appropriateness in hospitalised patients with chronic kidney disease', *QJM An International Journal of Medicine* (2017), <https://doi.org/10.1093/qjmed/hcx086> [M. O'Shaughnessy, N. Allen, D. Davin, L. Mentre, J. O'Regan, E. Payne Danson, P. Lavin, T. Grimes]
- 'The perception of art among patients and staff on a renal dialysis unit', *Ir Med J*, 110, 9 (2017), P633 [C. Corrigan, L. Peterson, C. McVeigh (...), P.J. Lavin *et al.*]
- 'Home haemodialysis in Ireland', *QJM: An International Journal of Medicine*, 111, 4 (2018), 225-229 [C. Kennedy, D.M. Connaughton, S. Murray (...), P. Lavin *et al.*]
- 'Spectrum of rhabdomyolysis in an acute hospital', *Irish Journal of Medical Science* (2019), <http://dx.doi.org/10.1007/s11845-019-01968-y> [M.C. McKenna, M. Kelly, G. Boran, P. Lavin]
- Little, Mark**, 'Examining the utility of cystatin C as a confirmatory test of chronic kidney disease across the age range in middle-aged and older community-dwelling adults', *Journal of Epidemiology and Community Health*, 72 (2018), 287-293 [M. Canney, D.J. Sexton, N. O'Leary, M. Healy, R.A. Kenny, M.A. Little, C.M. O'Seaghda]
- 'Urinary and serum soluble CD25 complements urinary soluble CD163 to detect active renal anti-neutrophil cytoplasmic autoantibody-associated vasculitis: a cohort study', *Nephrology, dialysis, transplantation: official publication of the European Dialysis and Transplant Association - European Renal Association* (2018), <https://doi.org/10.1093/ndt/gfy018> [G.J. Dekkema, W.H. Abdulahad, T. Bijma, S.M. Moran, L. Ryan, M.A. Little, C.A. Stegeman, P. Heeringa, J.F. Sanders]
- 'Alkylating histone deacetylase inhibitors may have therapeutic value in experimental myeloperoxidase-ANCA vasculitis', *Kidney International* (2018), <https://doi.org/10.1016/j.kint.2018.05.028> [Dearbhaile Dooley, Mirjan M. van Timmeren, Vincent P. O'Reilly (...), Peter Heeringa, Mark A. Little]
- 'Kidney disease in women is associated with disadvantaged childhood socioeconomic position', *American Journal of Nephrology*, 47, 5 (2018), 292-299 [M. Canney, S. Leahy, S. Scarlett, R.A. Kenny, M. Little, C. O'Seaghda, C. McCrory]

Recent publications – Faculty of Health Sciences

- 'Erratum: Urinary soluble CD163 in active renal vasculitis (Journal of the American Society of Nephrology (2016) 27 (2906-2916) DOI: 10.1681/ASN.2015050511)', *Journal of the American Society of Nephrology*, 29, 8 (2018), 2255 [V.P. O'Reilly, L. Wong, C. Kennedy (...), P.T. Murray, M.A. Little]
- 'The relationship between kidney function and quality of life among community-dwelling adults varies by age and filtration marker', *Clinical Kidney Journal*, 11, 2 (2018), 259-264 [M. Canney, E. Sexton, K. Tobin, R.A. Kenny, M.A. Little, C.M. O'Seaghda]
- 'Patient outcomes in renal-limited antineutrophil cytoplasmic antibody vasculitis with inactive histology', *Kidney International Reports*, 3, 3 (2018), 671-676 [T.K. Novick, M. Chen, J. Scott (...), M.A. Little *et al.*]
- 'Direct-acting oral anticoagulants as prophylaxis against thromboembolism in the nephrotic syndrome', *Kidney International Reports*, 3, 4 (2018), 784-793 [D.J. Sexton, DG. de Freitas, M.A. Little, T. McHugh, C. Magee, P.J. Conlon, C.M. O'Seaghda]
- 'Urinary soluble CD163 and monocyte chemoattractant protein-1 in the identification of subtle renal flare in anti-neutrophil cytoplasmic antibody-associated vasculitis', *Nephrology Dialysis Transplantation* (2018), 1-9 [S.M. Moran, P.A. Monach, L. Zgaga (...), P.A. Merkel, M.A. Little]
- 'Effect of disease activity at three and six months on long-term outcomes in ANCA associated vasculitis', *Arthritis and Rheumatology (Hoboken, N.J.)* (2018), <https://doi.org/10.1002/art.40776> [S. Gopaluni, O. Flossmann, M.A. Little, P. O'Hara, P. Bekker, D. Jayne, European Vasculitis Society]
- 'Predictors of renal outcomes in sclerotic class anti-neutrophil cytoplasmic antibody glomerulonephritis', *American Journal of Nephrology* (2018), <https://doi.org/10.1159/000494840> [S. Menez, Z. Hruskova, J. Scott, S. Cormican, M. Chen, A.D. Salama, S. Alasfar, M.A. Little, H. Safrankova, E. Honsova, V. Tesar, D. Geetha]
- 'A novel glucocorticoid-free maintenance regimen for anti-neutrophil cytoplasm antibody-associated vasculitis', *Rheumatology (Oxford, England)* (2018), <https://doi.org/10.1093/rheumatology/key288> [R.J. Pepper, S.P. McAdoo, S.M. Moran, D. Kelly, J. Scott, S. Hamour, A. Burns, M. Griffith, J. Galliford, J.B. Levy, T.D. Cairns, S. Gopaluni, R.B. Jones, D. Jayne, A.D. Salama]
- 'Comparisons of guidelines and recommendations on managing antineutrophil cytoplasmic antibody-associated vasculitis', *Kidney International Reports* (2018), <https://doi.org/10.1016/j.ekir.2018.05.007> [D. Geetha, Q. Jin, J. Scott, Z. Hruskova, M. Hanouneh, M.A. Little, V. Tesar, P. Seo, D. Jayne, C. Pagnoux]
- Long, Aideen**, 'siRNA library screening identifies a druggable immune-signature driving esophageal adenocarcinoma cell growth', *Cellular and Molecular Gastroenterology and Hepatology*, 5, 4 (2018), 569-590 [S.P. Duggan, C. Garry, F.M. Behan (...), A. Long, D. Kelleher]
- 'Investigating nucleo-cytoplasmic shuttling of the human DEAD-box helicase DDX3', *European Journal Of Cell Biology* (2018), <http://dx.doi.org/10.1016/j.ejcb.2018.08.001> [R. Brennan, A. Haap-Hoff, L. Gu, V. Gautier, A. Long, M. Schröder]
- 'Identifying a novel role for fractalkine (CX3CL1) in memory CD8⁺ T cell accumulation in the omentum of obesity-associated cancer patients', *Frontiers in Immunology*, 9 (2018), 1867 [M.J. Conroy, S.G. Maher, A.M. Melo, S.L. Doyle, E. Foley, J.V. Reynolds, A. Long, J. Lysaght]
- 'RAB40C regulates RACK1 stability via the ubiquitin-proteasome system', *Future Science OA*, 4, 7 (2018), FSO317 [J.P. Day, E. Whiteley, M. Freeley, A. Long, B. Malacrida, P. Kiely, G.S. Baillie]
- Maher, Vincent**, 'Dynamic changes of the composition of plasma HDL particles in patients with cardiac disease: spotlight on sphingosine-1-phosphate/serum amyloid A ratio', *Clinical and Experimental Pharmacology and Physiology*, 45, 4 (2018), 319-325 [E.E. Egom, H.A. Shiwani, R.B. Pharithi, R. Canning, B. Khan, Y.E. Hiani, V. Maher]

Recent publications – Faculty of Health Sciences

- 'Erratum to: New insights and new hope for pulmonary arterial hypertension: natriuretic peptides clearance receptor as a novel therapeutic target for a complex disease (Int J Physiol Pathophysiol Pharmacol, (2017), 9, 4, (112-118))', *International Journal of Physiology, Pathophysiology and Pharmacology*, 9, 5 (2017), 157 [E. Eroume-A Egom, T.E. Feridooni, R.B. Pharithi, B. Khan (...), V. Maher *et al.*]
- 'Time to redefine body mass index categories in chronic diseases? Spotlight on obesity paradox', *International Journal of Food Sciences and Nutrition*, 69, 5 (2018), 513-523 [E.E. Egom, R.B. Pharithi, H.A. Shiwani, B. Khan, P. Kruzliak, Y. El-Hiani, V. Maher]
- 'A natriuretic peptides clearance receptor's agonist reduces pulmonary artery pressures and enhances cardiac performance in preclinical models: new hope for patients with pulmonary hypertension due to left ventricular heart failure', *Biomedicine and Pharmacotherapy*, 93 (2017), 1144-1150 [E.E. Egom, T. Feridooni, R.B. Pharithi, B. Khan, H.A. Shiwani, V. Maher, Y. El Hiani, K.B.S. Pasumarthi, H.A. Ribama]
- 'A snapshot of lipid levels in the Republic of Ireland in 2017', *Irish Journal of Medical Science* (2018), 1-7 [R. Agar, C. Markham, M. Prendergast, R. Canning, E. Maher, C. Finn, N. Sammon, S. Fall, N. Fallon, E. Hanrahan, L. King, V. Maher]
- 'Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC)', *Atherosclerosis*, 277 (2018), 234-255 [A.J. Vallejo-Vaz, M.D. Marco, C.A.T. Stevens (...), V. Maher *et al.*]
- McCabe, Dominick**, 'Neurosarcoidosis: clinical presentations and changing treatment patterns in an Irish Caucasian population', *Irish Journal of Medical Science* (2017), 1-8 [K. O' Connell, L. Williams, J. Jones, D.J.H. McCabe, D. Murphy, R. Killeen, N. Tubridy, S. O' Riordan, C. McGuigan]
- 'Patent foramen ovale and cryptogenic strokes in the stroke in young fabry patients study', *Stroke*, 48, 1 (2017), 30-35 [R. Huber, U. Grittner, F. Weidemann (...), D.J.H. McCabe *et al.*]
- 'Profile of von Willebrand factor antigen and von Willebrand factor propeptide in an overall TIA and ischaemic stroke population and amongst subtypes', *J Neurol Sci*, 375 (2017), 404-410 [W.O. Tobin, J.A. Kinsella, G.F. Kavanagh (...), R.P. Murphy, D.J.H. McCabe]
- 'Assessment of 'on-treatment platelet reactivity' and relationship with cerebral micro-embolic signals in asymptomatic and symptomatic carotid stenosis', *J Neurol Sci*, 376 (2017), 133-139 [J.A. Kinsella, Tobin W. Oliver, S. Tierney (...), G. Hamilton, D.J.H. McCabe]
- 'Thrombolysis for stroke in Ireland: increasing access and maintaining safety in a challenging environment', *Irish Journal of Medical Science* (2017), <http://dx.doi.org/10.1007/s11845-017-1661-5> [Paul McElwaine, Joan McCormack, Michael McCormick (...), Dominick McCabe *et al.*]
- 'The experience of recurrent fallers in the first year after stroke', *Disability and Rehabilitation* (2017), 1-8 [M.E. Walsh, R. Galvin, D.J.P. Williams, J.A. Harbison, S. Murphy, R. Collins, D.J.H. McCabe, M. Crowe, N.F. Horgan]
- 'Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data', *Lancet Neurol*, 17, 1 (2018), 47-53 [B.C.V. Campbell, W.H. van Zwam, M. Goyal (...), M.D. Hill, P.J. Mitchell]
- 'Validation of two risk prediction models for recurrent falls in the first year after stroke: a prospective cohort study', *Age and Ageing*, 46, 4 (2017), 642-648, [M.E. Walsh, R. Galvin, F. Boland, D. Williams, J. Harbison, S. Murphy, D. Collins, D. McCabe, M. Crowe, N. Horgan]
- 'Increased platelet count and reticulated platelets in recently symptomatic versus asymptomatic carotid artery stenosis and in cerebral microembolic signal-negative patient subgroups: results from the HaEmostasis In carotid STenosis (HEIST) Study.', *J Neurol*, 265, 5 (2018), 1037-1049 [S.J.X. Murphy, S.T. Lim, J.A. Kinsella, D. Murphy, H.M. Enright, D.J.H. McCabe]

Recent publications – Faculty of Health Sciences

- 'Patterns of mortality in modern stroke care', *Ir Med J*, 111, 5 (2018), P750 [M. D'Alton, T. Coughlan, N. Cogan (...), D. Ryan, R. Collins]
- 'Aciclovir-induced acute kidney injury in patients with suspected viral encephalitis - encountered on a liaison neurology service', *Irish Journal of Medical Science* (2018), 1-4 [P. Bogdanova-Mihaylova, D. Burke, J.P. O'Dwyer (...), C. Wall, D.J.H. McCabe]
- 'Carotid arteritis causing amaurosis fugax and ischaemic cerebrovascular events in neurosarcoidosis', *Clinical Neurology and Neurosurgery*, 169 (2018), 103-106 [D.P. Kidd, D.J. McCabe, T. Wilhelm, M. Galloway]
- 'Restenosis and risk of stroke after stenting or endarterectomy for symptomatic carotid stenosis in the International Carotid Stenting Study (ICSS): secondary analysis of a randomised trial', *The Lancet Neurology*, 17, 7 (2018), 587-596 [L.H. Bonati, J. Gregson, J. Dobson (...), D.J.H. McCabe *et al.*]
- 'Management of atherosclerotic carotid and vertebral artery disease: 2017 Clinical Practice guidelines of the European Society for Vascular Surgery (ESVS)', *European Journal of Vascular and Endovascular Surgery*, 55, 1 (2018), 3-81 [A.R. Naylor, J.B. Ricco, G.J. de Borst (...), D.J. McCabe *et al.*]
- 'Dolichoectasia and small vessel disease in young patients with transient ischemic attack and stroke', *Stroke*, 48, 9 (2017), 2361-2367 [V. Thijs, U. Grittner, F. Fazekas (...), D.J.H. McCabe *et al.*]
- 'Clinical outcomes and a high prevalence of abnormalities on comprehensive arterial and venous thrombophilia screening in TIA or ischaemic stroke patients with a patent foramen ovale, an inter-atrial septal aneurysm or both', *Journal of the Neurological Sciences*, 377 (2017), 227-233 [S.T. Lim, S.J.X. Murphy, D.R. Smith, J. Williams, S.G. Navarro, J. McCabe, D.P. Moore, J. McHugh, D. McCabe]
- 'EBV driven natural killer cell disease of the central nervous system presenting as subacute cognitive decline', *Human Pathology: Case Reports*, 10 (2017), 64-68 [F.M. Brett, R. Flavin, D. Chen (...), M. Javadpour, D. McCabe]
- McMahon, Barry**, 'Lower esophageal sphincter efficacy following laparoscopic antireflux surgery with hiatal repair: role of fluoroscopy, high-resolution impedance manometry and FLIP in detecting recurrence of GERD and hiatal hernia', *Hiatal Hernia Surgery*, ed M.A. Memon, Switzerland, Springer Nature (2017), 153-168 [V. Wong, B.P. McMahon, H. Gregersen]
- 'The esophago-gastric segment: integrated anatomical, mechanical, and physiological analysis of the esophago-gastric segment', *Annals of the New York Academy of Sciences*, 1434, 1 (2018), 5-20 [J. Zhao, B. McMahon, M. Fox, H. Gregersen]
- 'Esophageal multimodal stimulation and sensation', *Annals of the New York Academy of Sciences*, 1434, 1 (2018), 210-218 [D.A.L. Hoff, B. McMahon, H. Gregersen]
- 'Exploring pyloric dynamics in stenting using a distensibility technique', *Neurogastroenterology and Motility: Official Journal of the European Gastrointestinal Motility Society*, 30, 12 (2018), <http://dx.doi.org/10.1111/nmo.13445> [J.A. Arroyo Vázquez, M. Bergström, S. Blich, B.P. McMahon, P.O. Park]
- McNamara, Deirdre**, 'Fecal microbiota transplantation for the treatment of patients with ulcerative colitis and other gastrointestinal conditions beyond *Clostridium difficile* infection: an update', *Drugs of Today*, 54, 2 (2018), 123-136 [G. Holleran, F. Scalfaferri, G. Ianiro, L. Lopetuso, D. McNamara, M.C. Mele, A. Gasbarrini, G. Cammarota]
- 'Golimumab effectiveness and safety in clinical practice for moderately active ulcerative colitis', *European Journal of Gastroenterology*, 30, 9 (2018), 1019-1026 [J. O'Connell, C. Rowan, R. Stack (...), D. McNamara *et al.*]
- 'An overview of angiodysplasia: management and patient prospects', *Expert Review of Gastroenterology and Hepatology*, 12, 9 (2018), 863-862 [G. Holleran, D. McNamara]

Recent publications – Faculty of Health Sciences

- 'Same-day colon capsule endoscopy is a viable means to assess unexplored colonic segments after incomplete colonoscopy in selected patients', *United European Gastroenterology Journal*, 6, 10 (2018), 1556-1562 [M. Hussey, G. Holleran, R. Stack, N. Moran, C. Tersaruolo, D. McNamara]
- 'Patients' attitudes toward treatment withdrawal in inflammatory bowel disease', *Scandinavian Journal of Gastroenterology* (2018), doi.org/10.1080/00365521.2018.1511827 [N. O'Morain, S. O'Gorman, D. McNamara, B. Ryan]
- 'Complete polypectomy and early detection and management of residual disease to reduce the risk of interval colorectal cancers', *Acta Oncologica* (2018), <http://dx.doi.org/10.1080/0284186X.2018.1535715> [N. O'Morain, N. McNamara]
- '*Helicobacter pylori* resistance to current therapies', *Current Opinion in Gastroenterology*, 35, 1 (2019), 6-13 [S.M. Smith, C. O'Morain, D. McNamara]
- 'Sunshine is an important determinant of vitamin D status even among high-dose supplement users: secondary analysis of a randomised controlled trial in Crohn's disease patients', *Photochemistry and Photobiology* (2019), Jan 16 [F. O'Sullivan, T. Rafferty, M. van Weele (...), D. McNamara *et al.*]
- Meldrum, Dara**, 'The effects of a home-based arm ergometry exercise programme on physical fitness, fatigue and activity in polio survivors: a randomised controlled trial', *Clinical Rehabilitation*, 31, 7 (2017), 913-925 [D. Murray, O. Hardiman, A. Campion, R. Vance, F. Horgan, D. Meldrum]
- 'Reliability of 3D upper limb motion analysis in children with obstetric brachial plexus palsy', *Physiological Measurement*, 38, 3 (2017), 524-538 [J. Mahon, A. Malone, D. Kiernan, D. Meldrum]
- 'Can vestibular rehabilitation exercises help patients with concussion? A systematic review of efficacy, prescription and progression patterns', *British Journal of Sports Medicine*, 51, 5 (2017), 442-451 [D.A. Murray, D. Meldrum, D. Lennon]
- Molloy, Anne**, 'Micronutrient status assessment in humans: current methods of analysis and future trends', *TrAC - Trends in Analytical Chemistry*, 102 (2018), 110-122 [U. Höller, S.J.L. Bakker, B. Frei (...), A.M. Molloy *et al.*]
- 'Lifestyle, metabolite, and genetic determinants of formate concentrations in a cross-sectional study in young, healthy adults', *American Journal of Clinical Nutrition*, 107, 3 (2018), 345-354 [J.T. Brosnan, J.L. Mills, P.M. Ueland (...), T. Pongnopparat, A.M. Molloy]
- 'Genetic interactions in nonsyndromic orofacial clefts in Europe-EUROCRAN Study', *Cleft Palate-Craniofacial Journal*, 54, 6 (2017), 623-630 [P.A. Mossey, J. Little, R. Steegers-Theunissen (...), A. Molloy *et al.*]
- 'The impact of common genetic variants in the mitochondrial glycine cleavage system on relevant metabolites', *Molecular Genetics and Metabolism Reports*, 16 (2018), 20-22 [J. O'Reilly, F. Pangilinan, K. Hokamp, P.M. Ueland, J.T. Brosnan, M.E. Brosnan, L.C. Brody, A.M. Molloy]
- 'The relationship between maternal plasma homocysteine in early pregnancy and birth weight', *J Matern Fetal Neonatal Med* (2019), 1-5 [S. Cawley, E.G. O'Malley, R.A.K. Kennedy, C.M.E. Reynolds, A.M. Molloy, M.J. Turner]
- 'Fortifying food with folic acid to prevent neural tube defects: are we now where we ought to be?', *The American Journal of Clinical Nutrition*, 107, 6 (2018), 857-858 [A.M. Molloy, J.L. Mills]
- 'B-vitamins in relation to depression in older adults over 60 years of age: the Trinity Ulster Department of Agriculture (TUDA) cohort study', *Journal of the American Medical Directors Association* (2019), <http://dx.doi.org/10.1016/j.jamda.2018.11.031> [K. Moore, C.F. Hughes, L. Hoey (...), A.M. Molloy *et al.*]

Recent publications – Faculty of Health Sciences

- 'The 677C-T variant of MTHFR is the major genetic modifier of biomarkers of folate status in a young, healthy Irish population', *The American Journal of Clinical Nutrition*, 108, 6 (2018), 1334-1341 [B. Shane, F. Pangilinan, J.L. Mills, R. Fan (...), L.C. Brody, A.M. Molloy]
- 'Mice lacking the transcobalamin-vitamin B12 receptor, CD320, suffer from anemia and reproductive deficits when fed vitamin B12-deficient diet', *Human Molecular Genetics*, 27, 20 (2018), 3627-3640 [D.J. Bernard, F.J. Pangilinan, J. Cheng, A.M. Molloy, L.C. Brody]
- 'Genome-wide mega-analysis identifies 16 loci and highlights diverse biological mechanisms in the common epilepsies', *Nature Communications*, 9, 1 (2018), 5269
- Nasseroleslami, Bahman*, 'Neurophysiological markers of network dysfunction in neurodegenerative diseases', *NeuroImage: Clinical*, 22 (2019), 101706 [Roisin McMackin, Peter Bede, Niall Pender, Orla Hardiman, Bahman Nasseroleslami]
- 'Measuring network disruption in neurodegenerative diseases: new approaches using signal analysis', *Journal of Neurology, Neurosurgery, And Psychiatry* (2019), <http://dx.doi.org/10.1136/jnnp-2018-319581> [R. McMackin, M. Muthuraman, S. Groppa, C. Babiloni, J.P. Taylor, M.C. Kiernan, B. Nasseroleslami, O. Hardiman]
- Ni Cheallaigh, Cliona*, 'All-trans retinoic acid augments autophagy during intracellular bacterial infection', *American Journal of Respiratory Cell and Molecular Biology*, 59, 5 (2018), 548-556 [M.M. Coleman, S.A. Basdeo, A.M. Coleman, C.N. Cheallaigh, C. Peral de Castro, A.M. McLaughlin, P.J. Dunne, J. Harris, J. Keane]
- 'Clarifying the mechanisms and resources that enable the reciprocal involvement of seldom heard groups in health and social care research: a collaborative rapid realist review process', *Health Expectations* (2019), <http://dx.doi.org/10.1111/hex.12865> [E. Ni She, S. Morton, V. Lambert (...), C. Ni Cheallaigh *et al.*]
- O'Byrne, Ken*, 'BBI608 inhibits cancer stemness and reverses cisplatin resistance in NSCLC', *Cancer Letters*, 428 (2018), 117-126 [L. MacDonagh, S.G. Gray, E. Breen, S. Cuffe, S.P. Finn, K.J. O'Byrne, M.P. Barr]
- 'The prognostic role of circulating tumor cells (CTCs) in lung cancer', *Frontiers in Oncology*, 8, AUG (2018), 311 [J. Kapeleris, A. Kulasinghe, M.E. Warkiani, I. Vela, L. Kenny, K. O'Byrne, C. Punyadeera]
- 'Afatinib as first-line treatment of older patients with EGFR mutation-positive non-small-cell lung cancer: subgroup analyses of the LUX-Lung 3, LUX-Lung 6, and LUX-lung 7 trials', *Clinical Lung Cancer*, 19, 4 (2018), e465-e479 [Y.L. Wu, L.V. Sequist, E.H. Tan (...), K. O'Byrne *et al.*]
- 'Pembrolizumab-induced encephalopathy: a review of neurological toxicities with immune checkpoint inhibitors', *Journal of Thoracic Oncology*, 12, 11 (2017), 1626-1635 [S. Feng, J. Coward, E. McCaffrey, J. Coucher, P. Kalokerinos, K. O'Byrne]
- 'Nivolumab plus ipilimumab in lung cancer with a high tumor mutational burden', *New England Journal of Medicine*, 378, 22 (2018), 2093-2104 [M.D. Hellmann, T.E. Ciuleanu, A. Pluzanski (...), K.J. O'Byrne *et al.*]
- 'Tissue and blood biomarkers in lung cancer: a review', *Advances in Clinical Chemistry*, 86 (2018), 1-21 [M.J. Duffy, K. O'Byrne]
- 'Combination therapy with histone deacetylase inhibitors (HDACi) for the treatment of cancer: achieving the full therapeutic potential of HDACi', *Frontiers in Oncology*, 8, MAR (2018), 92 [A. Suraweera, K.J. O'Byrne, D.J. Richard]
- O'Leary, Seonadh*, 'Phenolic glycolipid facilitates mycobacterial escape from microbicidal tissue-resident macrophages', *Immunity*, 47, 3 (2017), 552-565 [C.J. Cambier, S.M. O'Leary, M.P. O'Sullivan, J. Keane, L. Ramakrishnan]

Recent publications – Faculty of Health Sciences

- O'Sullivan, Mary, 'Inhalable poly(lactic-co-glycolic acid) (PLGA) microparticles encapsulating all-trans-retinoic acid (ATRA) as a host-directed, adjunctive treatment for *Mycobacterium tuberculosis* infection', *European Journal of Pharmaceutics and Biopharmaceutics: Official Journal of Arbeitsgemeinschaft Fur Pharmazeutische Verfahrenstechnik e.V.*, 134 (2019), 153-165 [G. O'Connor, N. Krishnan, A. Fagan-Murphy, J. Cassidy, S. O'Leary, B.D. Robertson, J. Keane, M.P. O'Sullivan, S.A. Cryan]
- Prina Mello, Adriele, 'Towards the identification of an in vitro tool for assessing the biological behavior of aerosol supplied nanomaterials', *International Journal of Environmental Research and Public Health*, 15, 4 (2018), <http://dx.doi.org/10.3390/ijerph15040563> [L. Di Cristo, C.M. Maguire, K. Mc Quillan, M. Aleardi, Y. Volkov, D. Movia, A. Prina-Mello]
- 'Preparation from a revisited wet chemical route of phase-pure, monocrystalline and SHG-efficient BiFeO₃ nanoparticles for harmonic bio-imaging', *Scientific Reports*, 8, 1 (2018), <http://hdl.handle.net/2262/83975> [G. Clarke, A. Rogov, S. McCarthy (...), Y. Mugnier, A. Prina-Mello]
- 'Characterisation of particles in solution - a perspective on light scattering and comparative technologies', *Science and Technology of Advanced Materials* (2018), <http://dx.doi.org/10.1080/14686996.2018.1517587> [Ciaran Manus Maguire, Mathais Rosslein, Peter Wick, Adriele Prina-Mello]
- 'Multilayered cultures of NSCLC cells grown at the air-liquid interface allow the efficacy testing of inhaled anti-cancer drugs', *Scientific Reports* (2018), <http://dx.doi.org/10.1038/s41598-018-31332-6> [Adriele Prina-Mello, Dania Movia, Despina Bazou, Yuri Volkov, Adriele Prina-Mello]
- Redmond, Janice, 'The effects of a 16-week aerobic exercise programme on cognitive function in people living with HIV', *AIDS Care*, 6 (2017), 667-674 [A. McDermott, L. Zaporozhan, P. McNamara, C.P. Doherty, J. Redmond, C. Forde, J. Gormley, M. Egaña, C. Bergin]
- 'A high prevalence rate of a positive screen for cognitive impairment in patients with human immunodeficiency virus attending an Irish clinic', *Open Forum Infectious Diseases*, 4, 1 (2017), <https://doi.org/10.1093/ofid/ofw242> [P.H. McNamara, R. Coen, J. Redmond, C.P. Doherty, C. Bergin]
- 'Diverse phenotype of hypokalaemic periodic paralysis within a family', *Practical Neurology*, 18, 1 (2018), 60-65 [A.J. Chalissery, T. Munteanu, Y. Langan, F. Brett, J. Redmond]
- 'Analysis of the outpatient lumbar puncture service in a tertiary hospital', *Irish Journal of Medical Science*, 187 (2017), 521-524 [J. Lambe, J. Redmond]
- 'CAPN1 mutations broadening the hereditary spastic paraplegia/spinocerebellar ataxia phenotype', *Practical Neurology*, 18, 5 (2018), 369-372 [J. Lambe, B. Monaghan, T. Munteanu, J. Redmond]
- 'Oculomotor neural integrator dysfunction in multiple sclerosis: insights from neuroimaging', *Frontiers in Neurology* (2018), <https://doi.org/10.3389/fneur.2018.00691> [P. Bede, E. Finegan, R.H. Chipika, Hi Shing S. Li, J. Lambe, J. Meaney, J. Redmond]
- Ryan, Barbara, 'The potential role of gut microbiota in pancreatic disease: a systematic review', *Pancreatology: Official Journal of the International Association of Pancreatology (IAP)* (2017), <http://dx.doi.org/10.1016/j.pan.2017.09.002> [R. Memba, S.N. Duggan, H.M. Ni Chonchubhair (...), B.M. Ryan, K.C. Conlon]
- 'Golimumab effectiveness and safety in clinical practice for moderately active ulcerative colitis', *European Journal of Gastroenterology*, 30, 9 (2018), 1019-1026 [J. O'Connell, C. Rowan, R. Stack (...), B. Ryan *et al.*]
- 'The prevalence of small intestinal bacterial overgrowth in non-surgical patients with chronic pancreatitis and pancreatic exocrine insufficiency (PEI)', *Pancreatology: Official Journal of the International Association of Pancreatology (IAP)* (2018), <https://doi.org/10.1016/j.pan.2018.02.010> [H.M. Ní Chonchubhair, Y. Bashir, M. Dobson, B.M. Ryan, S.N. Duggan, K.C. Conlon]

Recent publications – Faculty of Health Sciences

- 'Patients' attitudes toward treatment withdrawal in inflammatory bowel disease', *Scandinavian Journal of Gastroenterology* (2018), doi.org/10.1080/00365521.2018.1511827 [N. O'Morain, S. O'Gorman, D. McNamara, B. Ryan]
- 'Multicenter experience from the UK and Ireland of use of lumen-apposing metal stent for transluminal drainage of pancreatic fluid collections', *Endoscopy International Open*, 6, 3 (2018), E259-E265 [S.V. Venkatachalapathy, N. Bekkali, S. Pereira (...), B. Ryan, M. Huggett]
- 'The future of nanomedicine in optimising the treatment of inflammatory bowel disease', *Scandinavian Journal of Gastroenterology* (2019), 1-9 [L.J. Mohan, J.S. Daly, B.M. Ryan, Z. Ramtoola]
- 'Extracranial and intracranial vasculopathy with 'moyamoya phenomenon' in association with alagille syndrome', *Frontiers in Neurology*, 9 (2018), 1194 [S. Delaney, G. O'Connor, W. Reardon (...), B.M. Ryan *et al.*]
- Smith, Sinead**, 'A GWAS on *Helicobacter pylori* strains points to genetic variants associated with gastric cancer risk', *BMC Biology*, 16, 1 (2018), 84 [E. Berthenet, K. Yahara, K. Thorell (...), S. Smith *et al.*]
- '*Helicobacter pylori* resistance to current therapies', *Current Opinion in Gastroenterology*, 35, 1 (2019), 6-13 [S.M. Smith, C. O'Morain, D. McNamara]
- Tobin, Anne-Marie**, 'Anti-TNF α antibody induced psoriasiform skin lesions in patients with inflammatory bowel disease; an Irish cohort study', *Quarterly Journal of Medicine*, 110, 6 (2017), 379-382 [S. Kirthi, A.M. Tobin, M. Hussey, F. Scaldaferrri, D. McNamara]
- 'Hidradenitis suppurativa is characterized by dysregulation of the Th17:reg cell axis, which is corrected by anti-TNF therapy', *Journal of Investigative Dermatology*, 137, 11 (2017), 2389-2395 [Barry Moran, Cheryl Sweeney, Rosalind Hughes, Anna Malara, Shivashini Kirthi, Anne-Marie Tobin, Brian Kirby, Jean M. Fletcher]
- Volkov, Yuri**, 'Towards the identification of an in vitro tool for assessing the biological behavior of aerosol supplied nanomaterials', *International Journal of Environmental Research and Public Health*, 15, 4 (2018), <http://dx.doi.org/10.3390/ijerph15040563> [L. Di Cristo, C.M. Maguire, K. McQuillan, M. Aleardi, Y. Volkov, D. Movia, A. Prina-Mello]
- Walsh, Patrick**, 'Simvastatin suppresses interleukin $\text{I}\beta$ release in human peripheral blood mononuclear cells stimulated with cholesterol crystals', *J Cardiovasc Pharmacol Ther* (2018), <http://dx.doi.org/10.1177/1074248418776261> [A.J. Boland, N. Gangadharan, P. Kavanagh, L. Hemeryck, J. Kieran, M. Barry, P.T. Walsh, M. Lucitt]
- 'Advancing the therapeutic potential of the IL-1 family in inflammatory diseases - meeting report', *European Journal of Immunology*, 49, 1 (2019), 8-10 [Y.E. Hernandez-Santana, D.K. Taylor, A. Humbles, P.T. Walsh]
- CLINICAL MICROBIOLOGY
- Fennell, Jerome**, 'Population pharmacokinetics of total and unbound teicoplanin concentrations and dosing simulations in patients with haematological malignancy', *Journal of Antimicrobial Chemotherapy* (2017), <https://doi.org/10.1093/jac/dkx473> [C.J. Byrne, T. Parton, B. McWhinney (...), J.P. Fennell *et al.*]
- 'Staphylococcal osteomyelitis: disease progression, treatment challenges, and future directions', *Clinical Microbiology Reviews*, 31, 2 (2018), <http://dx.doi.org/10.1128/CMR.00084-17> [N. Kavanagh, E.J. Ryan, A. Widaa (...), J. Fennell *et al.*]
- O'Toole, Ronan**, 'Emergence of vancomycin-resistant *Enterococcus faecium* at an Australian hospital: a whole genome sequencing analysis', *Scientific Reports*, 8, 1 (2018), 6274 [K.W.C. Leong, L.A. Cooley, T.L. Anderson, S.S. Gautam, B. McEwan, A. Wells, F. Wilson, L. Hughson, R.F. O'Toole]

Recent publications – Faculty of Health Sciences

- 'Draft genome sequence of new vancomycin-resistant *Enterococcus faecium* sequence type 1421', *Genome Announcements*, 6, 20 (2018), e00438-18 [K.W.C. Leong, L.A. Cooley, R.F. O'Toole]
- 'Molecular epidemiology of tuberculosis in Tasmania and genomic characterisation of its first known multi-drug resistant case', *PLoS ONE*, 13, 2 (2018), 1 [S.S. Gautam, L.A. Cooley, G. Haug, J.A. Fyfe, M. Globan, R.F. O'Toole]
- Renwick, Julie**, 'Antibiotic exposure has little effect on the lower airway microbiome of young children with CF when assessed using BAL at a time of clinical stability', *Pediatric Pulmonology, Irish Thoracic Society, Wiley* (2018), 299-299 [B. Linnane, P. Cotter, O. O'Sullivan, F. Crispie, A. Walsh, P.G. McNally, J. Renwick]
- 'Diversity increases in the lower airway microbiome for the first four years of life in preschool children with CF', *Pediatric Pulmonology, Irish Thoracic Society, Wiley* (2018), 288-288 [B. Linnane, O. O'Sullivan, J. Renwick, P. Cotter, A. Walsh, F. Crispie, P.G. McNally]
- 'Mutual antagonism: a complex coexistence of *Aspergillus fumigatus* and *Pseudomonas aeruginosa* in the cystic fibrosis airway', *Journal of Cystic Fibrosis, European Cystic Fibrosis Society conference*, Elsevier (2018), S44-S45 [E. Reece, S. Doyle, J. Renwick, P. Grealley, S. Mc Clean]
- '*Aspergillus fumigatus* inhibits *Pseudomonas aeruginosa* in co-culture: implications of a mutually antagonistic relationship on virulence and inflammation in the CF airway', *Frontiers in Microbiology*, 9, 1205 (2018), <http://dx.doi.org/10.3389/fmicb.2018.01205> [Emma Reece, Sean Doyle, Peter Grealley, Julie Renwick, Siobhán McClean]
- Smith, Stephen**, 'Silver nanoparticles as a medical device in healthcare settings: a five-step approach for candidate screening of coating agents', *Royal Society Open Science*, 5, 1 (2018), 171113 [Valentina Marassi, Luisana Di Cristo, Stephen G.J. Smith (...), Yuri Volkov, Adriele Prina-Mello]

HAEMATOLOGY

- Browne, Paul**, 'Melphalan 140 mg/m² or 200 mg/m² for autologous transplantation in myeloma: results from the collaboration to collect autologous transplant outcomes in lymphoma and myeloma (CALM) study. A report by the EBMT chronic malignancies working party', *Haematologica*, 103, 3 (2018), 514-521 [H.W. Auner, S. Iacobelli, G. Sbianchi (...), P.V. Browne *et al.*]
- 'Incidence of second primary malignancies after autologous transplantation for multiple myeloma in the era of novel agents', *Biology of Blood and Marrow Transplantation*, 24, 5 (2018), 930-936 [F. Sahebi, S. Iacobelli, G. Sbianchi (...), P. Browne *et al.*]
- Vandenberghe, Elisabeth**, 'Transformed follicular lymphoma (tFL): consolidation therapy may improve survival', *Irish Journal of Medical Science*, 1863 (2017), 589-595 [E. Elhassadi, R. Flavin, P. Browne, E. Conneally, P. Hayden, F. Quinn, E. Higgins, E. Vandenberghe]
- 'Retinoic acid induction of CD1d expression primes chronic lymphocytic leukemia B cells for killing by CD8⁺ invariant natural killer T cells', *Clinical Immunology*, 183 (2017), 91-98 [Y.G. Ghnewa, V.P. O'Reilly, E. Vandenberghe, P.V. Browne, A.M. McElligott, D.G. Doherty]
- 'Ibrutinib for bridging to allogeneic hematopoietic cell transplantation in patients with chronic lymphocytic leukemia or mantle cell lymphoma: a study by the EBMT chronic malignancies and lymphoma working parties', *Bone Marrow Transplantation* (2018), 1-9 [P. Dreger, M. Michallet, P. Bosman (...), E. Vandenberghe *et al.*]
- 'Risk adjusted therapy in chronic lymphocytic leukemia: a phase II cancer trials Ireland (CTRIAL-IE [ICORG 07-01]) study of fludarabine, cyclophosphamide, and rituximab therapy evaluating response adapted, abbreviated frontline therapy with FCR in non-del(17p) CLL', *Leukemia and Lymphoma*, 59, 6 (2018), 1338-1347 [N. Appleby, D. O'Brien, F.M. Quinn (...), A. Hayat, E.A. Vandenberghe]

Recent publications – Faculty of Health Sciences

'Efficacy and safety of idelalisib in combination with ofatumumab for previously treated chronic lymphocytic leukaemia: an open-label, randomised phase 3 trial', *The Lancet Haematology*, 4, 3 (2017), e114-e126 [J.A. Jones, T. Robak, J.R. Brown (...), E. Vandenberghe *et al.*]

'Autologous stem cell transplantation for primary mediastinal B-cell lymphoma: long-term outcome and role of post-transplant radiotherapy. a report of the European society for blood and marrow transplantation', *Bone Marrow Transplantation* (2018), 1-9 [I. Avivi, A. Boumendil, H. Finel (...), E. Vandenberghe *et al.*]

'Development of a targeted next-generation sequencing assay to detect diagnostically relevant mutations of JAK2, CALR, and MPL in myeloproliferative neoplasms', *Genetic Testing and Molecular Biomarkers*, 22, 2 (2018), 98-103 [T. Frawley, C.P. O'Brien, E. Conneally, E. Vandenberghe, M. Percy, S.E. Langabeer, K. Haslam]

HISTOPATHOLOGY AND MORBID ANATOMY

Finn, Stephen, 'Development and characterisation of a panel of phosphatidylinositol 3-kinase - mammalian target of rapamycin inhibitor resistant lung cancer cell lines', *Scientific Reports*, 8, 1 (2018), 1652 [S. Heavey, P. Dowling, G. Moore, M.P. Barr, N. Kelly, S.G. Maher, S. Cuffe, S.P. Finn, K.J. O'Byrne, K. Gately]

'BBI608 inhibits cancer stemness and reverses cisplatin resistance in NSCLC', *Cancer Letters*, 428 (2018), 117-126 [L. MacDonagh, S.G. Gray, E. Breen, S. Cuffe, S.P. Finn, K.J. O'Byrne, M.P. Barr]

'Carcinogenesis in prostate cancer: the role of long non-coding RNAs', *Non-coding RNA Research*, 3, 1 (2018), 29-38 [John Aird, Anne-Marie Baird, Marvin C.J. Lim, Ray McDermott, Stephen P. Finn, Steven G. Gray]

'A prospective study of aspirin use and prostate cancer risk by TMPRSS2:ERG status', *Cancer Epidemiology Biomarkers and Prevention* (2018), cebp.0510.2018 [H. Konrad, G. Stopsack, G. Amparo (...), Stephen Finn *et al.*]

'Cost-efficient and easy to perform PCR-based assay to identify met exon 14 skipping in Formalin-Fixed Paraffin-Embedded (FFPE) Non-Small Cell Lung Cancer (NSCLC) samples', *Diagnostics (Basel)*, 9, 1 (2019), <http://dx.doi.org/10.3390/diagnostics9010013> [O. O'Brien, M.C. Wright, C. O'Brien (...), S.G. Gray, S.P. Finn]

'A prospective study of the association between physical activity and risk of prostate cancer defined by clinical features and TMPRSS2:ERG', *European Urology* (2018), <http://dx.doi.org/10.1016/j.eururo.2018.09.041> [C.H. Pernar, E.M. Ebot, A. Pettersson (...), S.P. Finn *et al.*]

'Computer-based intensity measurement assists pathologists in scoring phosphatase and tensin homolog immunohistochemistry - clinical associations in NSCLC patients of the European thoracic oncology platform lungscape cohort', *Journal of Thoracic Oncology : Official Publication of the International Association for the Study of Lung Cancer*, 13, 12 (2018), 1851-1863 [U. Rulle, Z. Tsourtis, R. Casanova (...), S.P. Finn *et al.*]

'RNAs as candidate diagnostic and prognostic markers of prostate cancer - from cell line models to liquid biopsies', *Diagnostics (Basel)*, 8, 3 (2018), <http://dx.doi.org/10.3390/diagnostics8030060> [M.C.J. Lim, A.M. Baird, J. Aird, J. Greene, D. Kapoor, S.G. Gray, R. McDermott, S.P. Finn]

'Intense exercise for survival among men with metastatic castrate-resistant prostate cancer (INTERVAL-GAP4): a multicentre, randomised, controlled phase III study protocol', *BMJ Open*, 8, 5 (2018), e022899 [R.U. Newton, S.A. Kenfield, N.H. Hart (...), S.P. Finn *et al.*]

'Prevalence and clinical association of gene mutations through multiplex mutation testing in patients with NSCLC: results from the ETOP lungscape project', *Annals of Oncology: Official Journal of the European Society for Medical Oncology*, 29, 1 (2018), 200-208 [K.M. Kerr, U. Dafni, K. Schulze (...), S. Finn *et al.*]

Recent publications – Faculty of Health Sciences

Flavin, Richard, 'Transformed follicular lymphoma (tFL): consolidation therapy may improve survival', *Irish Journal of Medical Science*, 1863 (2017), 589-595 [E. Elhassadi, R. Flavin, P. Browne, E. Conneally, P. Hayden, F. Quinn, E. Higgins, E. Vandenberghe]

'EBV driven natural killer cell disease of the central nervous system presenting as subacute cognitive decline', *Human Pathology: Case Reports*, 10 (2017), 64-68 [F.M. Brett, R. Flavin, D. Chen (...), M. Javadpour, D. McCabe]

'Potentially important miRNAs in enteropathy-associated T-cell lymphoma pathogenesis: a pilot study', *Leukemia Research Reports*, 10 (2018), 52-54 [L. Clarke, R.S. Adduri, P. Smyth (...), O. Sheils, R. Flavin]

Martin, Cara, 'Improved removal of blood contamination from ThinPrep cervical cytology samples for Raman spectroscopic analysis', *J Biomed Opt*, 23, 5 (2018), <http://dx.doi.org/10.1002/jbio.201700240>. [D. Traynor, S. Duraipandian, C.M. Martin, J.J. O'Leary, F.M. Lyng]

'Which primary care practitioners have poor human papillomavirus (HPV) knowledge? A step towards informing the development of professional education initiatives', *PLoS ONE*, 13, 12 (2018), <http://dx.doi.org/10.1371/journal.pone.0208482> [L.A. McSherry, E. O'Leary, S.U. Dombrowski, J.J. Francis, C.M. Martin, J.J. O'Leary, L. Sharp]

'Socio-economic variations in anticipated adverse reactions to testing HPV positive: implications for the introduction of primary HPV-based cervical screening', *Preventive Medicine*, 115 (2018), 90-96 [M. O'Connor, E. O'Leary, J. Waller, P. Gallagher, C.M. Martin, J.J. O'Leary, L. Sharp *et al.*]

'Clinical performance of the Cobas 4800 HPV test and the Aptima HPV assay in the management of women referred to colposcopy with minor cytological abnormalities', *Diagnostic Cytopathology*, 46, 12 (2018), 987-992 [P. Tewari, C. White, L. Kelly (...), J.J. O'Leary, C.M. Martin]

'Raman spectroscopic detection of high-grade cervical cytology: using morphologically normal appearing cells', *Scientific reports*, 8, 1 (2018), 15048 [S. Duraipandian, D. Traynor, P. Kearney, C. Martin, J.J. O'Leary, F.M. Lyng]

'The potential of biobanked liquid based cytology samples for cervical cancer screening using Raman spectroscopy', *J of Biophotonics* (2019), <https://doi:10.1002/jbio.201800377> [D. Traynor, S. Duraipandian, R. Bhatia, K. Cuschieri, C.M. Martin, J.J. O'Leary, F.M. Lyng]

O'Leary, John, 'Catching moving targets: cancer stem cell hierarchies, therapy-resistance and considerations for clinical intervention', *Molecular Cancer*, 16, 1 (2017), 43 [C. Gasch, B. French, J.J. O'Leary, M.F. Gallagher]

Sheils, Orla, 'Integrating biomarkers across omic platforms: an approach to improve stratification of patients with indolent and aggressive prostate cancer', *Molecular Oncology* (2018), <http://dx.doi.org/10.1002/1878-0261.12348> [K. Murphy, B.T. Murphy, S. Boyce (...), O. Sheils *et al.*]

IMMUNOLOGY

Doherty, Derek, 'Novel thioglycoside analogs of α -galactosylceramide stimulate cytotoxicity and preferential Th1 cytokine production by human invariant natural killer T cells', *Glycobiology*, 28, 7 (2018), 512-521 [A.M. Melo, L. Zhang, E.F. Dockry (...), X. Zhu, D.G. Doherty]

'Activation and regulation of B cell responses by invariant natural killer T cells', *Frontiers in Immunology*, 9, JUN (2018), <http://hdl.handle.net/2262/85316> [D.G. Doherty, A.M. Melo, A. Moreno-Olivera, A.C. Solomos]

'CD3 ϵ expression defines functionally distinct subsets of V δ 1 T cells in patients with human immunodeficiency virus infection', *Frontiers in Immunology*, 9, MAY (2018), <http://hdl.handle.net/2262/85317> [P.J. Dunne, C.O. Maher, M. Freeley (...), F. Mulcahy, D.G. Doherty]

'Activation and regulation of B cell responses by invariant natural killer T cells', *Frontiers in Immunology*, 9, JUN (2018), <http://hdl.handle.net/2262/85316> [D.G. Doherty, A.M. Melo, A. Moreno-Olivera, A.C. Solomos]

Recent publications – Faculty of Health Sciences

'Altered endotoxin responsiveness in healthy children with Down syndrome', *BMC Immunology* (2018), <http://dx.doi.org/10.1186/s12865-018-0270-z> [D. Huggard, F. McGrane, N. Lagan, E. Roche, J. Balfe, T.R. Leahy, O. Franklin, A. Moreno, A.M. Melo, D.G. Doherty, E.J. Molloy]

MEDICAL GERONTOLOGY

Byrne, Declan, 'High risk subgroups sensitive to air pollution levels following an emergency medical admission', *Toxics* (2017), <http://dx.doi.org/10.3390/toxics5040027> [S. Cournane, R. Conway, D. Byrne, D. O'Riordan, S. Coveney, B. Silke]

'Crisis checklists for in-hospital emergencies: expert consensus, simulation testing and recommendations for a template determined by a multi-institutional and multi-disciplinary learning collaborative', *BMC Health Services Research* (2017), <http://dx.doi.org/10.1186/s12913-017-2288-y> [C.P. Subbe, J. Kellett, P. Barach (...), T. Savijn, J. Welch]

'The dynamics of the emergency medical readmission - the underlying fundamentals', *European Journal of Internal Medicine* (2017), <http://dx.doi.org/10.1016/j.ejim.2017.09.028> [D. Byrne, D. O'Riordan, D. Conway, S. Cournane, B. Silke]

'Deprivation status and the hospital costs of an emergency medical admission', *European Journal of Internal Medicine* (2017), <http://dx.doi.org/10.1016/j.ejim.2017.09.017> [J.J. McCabe, K. McElroy, S. Cournane, D. Byrne, D. O'Riordan, B. Fitzgerald, B. Silke]

'Usage of unscheduled hospital care by homeless individuals in Dublin, Ireland: a cross-sectional study', *BMJ Open*, 7, e016420 (2017), <http://dx.doi.org/10.1136/bmjopen-2017-016420> [C. Ni Cheallaigh, J. Kieran, C. Cullivan, J. Browne, R. Kenny, C. Bergin, D. Byrne]

'Interaction of broadband access and education levels in determining the rate of emergency medical admissions', *Irish Medical Journal*, 110, 9 (2017), 636 [R. Conway, S. Cournane, D. Byrne, D. O'Riordan, S. Coveney, B. Silke]

'Persons with disability, social deprivation and an emergency medical admission', *Irish Journal of Medical Science*, 4 (2018), 593-600 [Sean Cournane, Richard Conway, Declan Byrne, Deirdre O'Riordan, Bernard Silke]

'Predicting outcomes in emergency medical admissions using a laboratory only nomogram', *Computational and mathematical methods in medicine*, 2017 (2017), 5267864 [Sean Cournane, Richard Conway, Declan Byrne, Deirdre O'Riordan, Bernard Silke]

'Reflections on 'Validation of MARS' QJM March 2018', *QJM: Monthly Journal of the Association of Physicians* (2018), <http://dx.doi.org/10.1093/qjmed/hcy082> [D. Byrne, B. Silke]

'Relationship of the clinical acuity and complexity to the outcome of an emergency medical admission', *Acute Medicine*, 17, 1 (2018), 18-25 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Fifteen-year outcomes of an acute medical admission unit', *Irish Journal of Medical Science (1971-)*(2018), <http://dx.doi.org/10.1007/s11845-018-1789-y> [Richard Conway, Declan Byrne, Seán Cournane, Deirdre O'Riordan, Bernard Silke]

'Rising emergency admission and readmission rates - a retrospective study of demographic and socio-economic factors', *Journal of General Internal Medicine* (2018), 1-3 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Lung function and outcomes in emergency medical admissions', *Eur J Intern Med* (2018), S0953-6205 (18)30371 [N. Akasheh, D. Byrne, P. Coss, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Mortality outcomes and emergency department wait times - the paradox in the capacity limited sytem', *Acute Med*, 17, 3 (2018), 130-136 [D. Byrne, J.G. Browne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Hyponatraemia during an emergency medical admission as a marker of illness severity and case complexity', *Eur J Intern Med* (2018), S0953-6205 (18)30318-2 [K. McCarthy, R. Conway, D. Byrne, S. Cournane, D. O'Riordan, B. Silke]

Recent publications – Faculty of Health Sciences

- 'Admission and readmission rate incidences from deprived areas - impact of a classical or multi-dimensional model', *Irish Journal of Medical Science* (2018), <http://dx.doi.org/10.1007/s11845-018-1815-0> [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]
- 'Socio-economic status and the clinical acuity of emergency medical admissions', *Panminerva Medica* (2018), <http://dx.doi.org/10.23736/S0031-0808.18.03443-2> [R. Conway, D. Byrne, S. Cournane, D. O'Riordan, B. Silke]
- Cunningham, Conal**, 'Effect of area-level socioeconomic deprivation on risk of cognitive dysfunction in older adults', *Journal of the American Geriatrics Society* (2018), 1-7 [A. McCann, H. McNulty, J. Rigby (...), C.J. Cunningham *et al.*]
- Harbison, Joseph**, 'Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data', *Lancet Neurology*, 17, 10 (2018), 895-904 [L.S. Román, B.K. Menon, J. Blasco (...), S. Bracard, M. Goyal]
- 'Letter by Ryan *et al.* regarding article, "Long-term morphological changes of symptomatic lacunar infarcts and surrounding white matter on structural magnetic resonance imaging"', *Stroke*, 49, 7 (2018), e268 [D.J. Ryan, J.A. Harbison]
- 'A systematic review of the causes and management of nonthrombotic embolic stroke of tissue origin', *Stroke Research and Treatment*, (2018), 8092862 [S. Mello, C. Judge, R. Kelly, D. Bradley, J. Harbison]
- 'Investigating post-stroke fatigue: an individual participant data meta-analysis', *Journal of Psychosomatic Research*, 113 (2018), 107-112 [T.B. Cumming, A.B. Yeo, J. Marquez (...), J. Harbison *et al.*]
- 'A systematic review of the clinical effectiveness of emergency endovascular therapy using mechanical thrombectomy in acute ischaemic stroke: implications for service delivery', *Ir J Med Sci* (2018), <http://dx.doi.org/10.1007/s11845-018-1899-6> [R.W. Glynn, C. Tejleur, J. Harbison, D.J. Williams, P. Harrington, M. Ryan]
- 'Falls-Related EvEnts in the first year after StrokE in Ireland: results of the multi-centre prospective FREESE cohort study', *European Stroke Journal*, 3, 3 (2018), 222-230 [Mary E. Walsh, Rose Galvin, David J.P. Williams, Joseph A. Harbison, Sean Murphy, Ronan Collins, Dominick J.H. McCabe, Morgan Crowe, N. Frances Horgan]
- 'Falls-Related EvEnts in the first year after StrokE in Ireland: results of the multi-centre prospective FREESE cohort study', *European Stroke Journal*, 3 (2018), 246-253 [M.E. Walsh, R. Galvin, D.J.P. Williams, J.A. Harbison, S. Murphy, R. Collins, D.J.H. McCabe, M. Crowe, N.F. Horgan]
- 'Drip and ship versus direct to endovascular thrombectomy: the impact of treatment times on transport decision-making', *European Stroke Journal*, 3, 2 (2018), 126-135 [Jessalyn K Holodinsky, Alka B Patel, John Thornton (...), Joseph Harbison *et al.*]
- Kennelly, Sean**, 'Towards a building typology and terminology for Irish hospitals', *Irish Journal of Medical Science* (2017), <http://dx.doi.org/10.1007/s11845-016-1537-0> [T. Grey, S. Kennelly, P. de Freine, S. Mahon, V. Mannion, D. O'Neill]
- 'Investigation and diagnostic formulation in patients admitted with transient loss of consciousness', *Ir Med J*, 110, 5 (2017), 563 [R. Briggs, T. Coughlan, J. Doherty, D.R. Collins, D. O'Neill, S.P. Kennelly]
- 'Does baseline hypotension predict incident depression in a cohort of community-dwelling older people? Data from The Irish Longitudinal Study on Ageing (TILDA)', *Age and Ageing*, 46, 4 (2017), 648-653 [R. Briggs, R.A. Kenny, S.P. Kennelly]
- 'Dementia, disclosing the diagnosis', *QJM* (2018), <https://doi.org/10.1093/qjmed/hcx181> [R. Briggs, C. McHale, D. Fitzhenry, D. O'Neill, S. Kennelly]

Recent publications – Faculty of Health Sciences

- 'Crisis checklists for in-hospital emergencies: expert consensus, simulation testing and recommendations for a template determined by a multi-institutional and multi-disciplinary learning collaborative', *BMC Health Services Research* (2017), <http://dx.doi.org/10.1186/s12913-017-2288-y> [C.P. Subbe, J. Kellett, P. Barach (...) T. Savijn, J. Welch]
- 'Screening for frailty in older emergency department patients: the utility of the Survey of Health, Ageing and Retirement in Europe Frailty Instrument (SHARE-FI)', *QJM* (2018), <https://doi.org/10.1093/qjmed/hcx242> [A. Fallon, L. Kilbane, (...), D. Ryan, S.P. Kennelly]
- 'What is the longitudinal relationship between gait abnormalities and depression in a cohort of community-dwelling older people? Data from The Irish Longitudinal Study on Ageing (TILDA)', *Am J Geriatr Psychiatry*, 26, 1 (2018), 75-86 [R. Briggs, D. Carey, R.A. Kenny, S.P. Kennelly]
- 'Cognitive assessment of older adults in general practice: the collateral history', *Ir J Med Sci* (2018), <http://dx.doi.org/10.1007/s11845-017-1723-8> [A.H. Dyer, T. Foley, B. O'Shea, S.P. Kennelly]
- 'Does baseline depression increase the risk of unexplained and accidental falls in a cohort of community-dwelling older people? Data from The Irish Longitudinal Study on Ageing (TILDA)', *Int J Geriatr Psychiatry*, 33, 2 (2018), e205-e211 [R. Briggs, S.P. Kennelly, R.A. Kenny]
- 'Patterns of mortality in modern stroke care', *Ir Med J*, 111, 5 (2018), P750 [M. D'Alton, T. Coughlan, N. Cogan (...), S. Kennelly *et al.*]
- 'Modern approaches to self-neglect', *Ir Med J*, 111, 5 (2018), P748 [H. Smyth, S.P. Kennelly, D. O'Neill]
- 'Nilvadipine in mild to moderate Alzheimer's disease: a randomised controlled trial', *PLoS Medicine*, 15, 9 (2018), 1-20 [B.A. Lawlor, S. Kennelly (...), F. Crawford, M. Mullan]
- 'Do differences in spatiotemporal gait parameters predict the risk of developing depression in later life?', *J Am Geriatr Soc* (2019), <http://dx.doi.org/10.1111/jgs.15783> [R. Briggs, D. Carey, P. Claffey, T. McNicholas, O. Donoghue, S.P. Kennelly, R.A. Kenny]
- 'A hospital wide point prevalence of adult urinary incontinence and audit of continence care', *Age and Ageing* (2019), 10.1093/ageing/afy140.15 [P. Harkins, H. O'Brien, D. McCartan (...), S. Kennelly *et al.*]
- 'The association between frontal lobe perfusion and depressive symptoms in later life', *British Journal of Psychiatry* (2018), 1-7 [R. Briggs, D. Carey, P. Claffey, T. McNicholas, L. Newman, H. Nolan, S.P. Kennelly, R.A. Kenny]
- 'The association between antidepressant use and orthostatic hypotension in older people: a matched cohort study', *Journal of the American Society of Hypertension* (2018), <http://dx.doi.org/10.1016/j.jash.2018.06.002> [R. Briggs, D. Carey, T. McNicholas, P. Claffey, H. Nolan, S.P. Kennelly, R.A. Kenny]
- 'Longitudinal association between orthostatic hypotension at 30 seconds post-standing and late-life depression', *Hypertension* (2018), <https://doi.org/10.1161/hypertensionaha.117.10542> [R. Briggs, D. Carey, S.P. Kennelly, R.A. Kenny]
- 'What is the prevalence of untreated depression and death ideation in older people? Data from The Irish Longitudinal Study on Aging', *International Psychogeriatrics* (2018), <http://dx.doi.org/10.1017/S104161021700299X> [R. Briggs, K. Tobin, R.A. Kenny, S.P. Kennelly]
- 'The effects of an extensive exercise programme on the progression of Mild Cognitive Impairment (MCI): study protocol for a randomised controlled trial', *BMC Geriatrics* (2017), <http://dx.doi.org/10.1186/s12877-017-0457-9> [K.E. Devenney, M.L. Sanders, B. Lawlor, M.G.M. Olde Rikkert, S. Schneider]
- Kenny, Rose**, 'The prevalence of vitamin D deficiency and the determinants of 25 (OH)D concentration in older Irish adults: data from The Irish Longitudinal Study on Ageing (TILDA)', *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 73, 4 (2018), 519-525 [E. Laird, A.M. O'Halloran, D. Carey (...), A.M. Molloy, R.A. Kenny]

Recent publications – Faculty of Health Sciences

- 'Impairments in hemodynamic responses to orthostasis associated with frailty: results from The Irish Longitudinal Study on Ageing (TILDA)', *Journal of the American Geriatrics Society*, 66, 9 (2018), 1475-1483 [M.D. O'Connell, G.M. Savva, C. Finucane, R. Romero-Ortuno, C.W. Fan, R.A. Kenny]
- 'Do differences in spatiotemporal gait parameters predict the risk of developing depression in later life?', *J Am Geriatr Soc* (2019), <http://dx.doi.org/10.1111/jgs.15783> [R. Briggs, D. Carey, P. Claffey, T. McNicholas, O. Donoghue, S.P. Kennelly, R.A. Kenny]
- Laird, Eamon**, 'Greater yogurt consumption is associated with increased bone mineral density and physical function in older adults', *Osteoporosis International*, 28, 8 (2017), 2409-2419 [E. Laird, A.M. Molloy, H. McNulty (...), J.J. Strain, M.C. Casey]
- 'The prevalence of vitamin D deficiency and the determinants of 25 (OH)D concentration in older Irish adults: data from The Irish Longitudinal Study on Ageing (TILDA)', *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 73, 4 (2018), 519-525 [E. Laird, A.M. O'Halloran, D. Carey (...), A.M. Molloy, R.A. Kenny]
- 'Vitamin D deficiency and resource utilisation - a prospective association', *Age and Ageing*, 46, (2017), iii13-iii59 [Avril M. Beirne, Kevin G. McCarroll, J. Bernard Walsh (...), Eamon Laird *et al.*]
- 'Vitamin D deficiency and cognition function - a case control study', *Age and Ageing*, 46, (2017), iii1-iii12 [Avril M. Beirne, Kevin G. McCarroll, Miriam C. Casey (...), Eamon Laird *et al.*]
- 'Twelve-weeks oral spray vitamin D3 supplementation does not alter bone turnover markers in collegiate Gaelic footballers', *Medicine and Science in Sports and Exercise*, 49 (2017), 105 [Sharon M. Madigan, Joshua Todd, Emeir McSorley, L. Kirsty Pourshahidi, Eamon Laird, Martin Healy, Mark Kilbane, Malachi McKenna, Pamela Magee]
- 'Perspective: Essential study quality descriptors for data from nutritional epidemiologic research', *Advances in Nutrition: an International Review Journal*, 8, 5 (2017), 639-651 [Chen Yang, Mariona Pinart, Patrick Kolsteren (...), Eamon Laird *et al.*]
- 'Voluntary fortification is ineffective to maintain the vitamin B₁₂ and folate status of older Irish adults: evidence from The Irish Longitudinal Study on Ageing (TILDA)', *British Journal of Nutrition*, 120, 1 (2018), 111-120 [E.J. Laird, A.M. O'Halloran, D. Carey, D. O'Connor, R.A. Kenny, A.M. Molloy]
- 'Prevalence and risk factors for hepatitis C viral infection amongst a cohort of Irish drug users attending a drug treatment centre for agonist opioid treatment (AOT)', *Heroin Addiction and Related Clinical Problems*, 19, 1 (2017), 47-56 [D. Keegan, D. Crowley, E. Laird, M.C. Van Hout]
- McCorry, Cathal**, 'Kidney disease in women is associated with disadvantaged childhood socioeconomic position', *American Journal of Nephrology*, 47, 5 (2018), 292-299 [M. Canney, S. Leahy, S. Scarlett, R.A. Kenny, M. Little, C. O'Seaghda, C. McCorry]
- 'Personality and preventive healthcare utilisation: evidence from The Irish Longitudinal Study on Ageing', *Preventive Medicine*, 120 (2019), 107-112 [A. Nolan, C. McCorry, P. Moore]
- 'Rebuking the concept of ageing as a disease', *The Lancet Diabetes and Endocrinology*, 6, 10 (2018), 768 [C. McCorry, R.A. Kenny]
- 'Fiscal crises and personal troubles: the great recession in Ireland and family processes', *Social Psychiatry and Psychiatric Epidemiology*, 53, 9 (2018), 987-1001 [R. Layte, C. McCorry]
- McGarrigle, Christine**, 'Cohort profile update: The Irish Longitudinal Study on Ageing (TILDA)', *International Journal of Epidemiology* (2018), <http://dx.doi.org/10.1093/ije/dyy163> [O.A. Donoghue, C.A. McGarrigle, M. Foley, A. Fagan, J. Meaney, R.A. Kenny]
- 'More than health: quality of life trajectories among older adults - findings from The Irish Longitudinal Study of Ageing (TILDA)', *Quality of Life Research: an International Journal of Quality of Life Aspects of Treatment, Care and Rehabilitation* (2018), <http://dx.doi.org/10.1007/s11136-018-1997-y> [M. Ward, C.A. McGarrigle, R.A. Kenny]

Recent publications – Faculty of Health Sciences

- 'Self-report versus electronic medical record recorded healthcare utilisation in older community-dwelling adults: comparison of two prospective cohort studies', *PLoS ONE*, 13, 10 (2018), e0206201 [E. Wallace, F. Moriarty, C. McGarrigle, S.M. Smith, R.A. Kenny, T. Fahey]
- 'Orthostatic blood pressure variability is associated with lower visual contrast sensitivity function: findings from The Irish Longitudinal Study on Ageing', *Experimental Gerontology* (2019), <http://dx.doi.org/10.1016/j.exger.2019.01.009> [B.N. Bhuachalla, C.A. McGarrigle, N. O'Leary, K.O. Akuffo, T. Peto, S. Beatty, R.A. Kenny]
- Moore, Patrick*, 'Injurious falls and syncope in older community-dwelling adults meeting inclusion criteria for SPRINT', *JAMA Internal Medicine*, 177 (2017), 1385 [D.J. Sexton, M. Canney, M.D.L. O'Connell, P. Moore, M.A. Little, C.M. O'Seaghdha, R.A. Kenny]
- 'The prevalence of vitamin D deficiency and the determinants of 25 (OH)D concentration in older Irish adults: data from The Irish Longitudinal Study on Ageing (TILDA)', *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 73, 4 (2018), 519-525 [E. Laird, A.M. O'Halloran, D. Carey (...), P. Moore *et al.*]
- 'Personality and preventive healthcare utilisation: evidence from The Irish Longitudinal Study on Ageing', *Preventive Medicine*, 120 (2019), 107-112 [A. Nolan, C. McCrory, P. Moore]
- O'Connor, John*, 'Effect of combined flexion and external rotation on measurements of the proximal femur from anteroposterior pelvic radiographs', *Orthopaedics and Traumatology: Surgery and Research*, 104, 4 (2018), 449-454 [J.D. O'Connor, M. Rutherford, J.C. Hill, D.E. Beverland, N.J. Dunne, A.B. Lennon]
- 'Patient positioning and cup orientation during total hip arthroplasty: assessment of current UK practice', *HIP International* (2018), 112070001876081 [Megan Rutherford, John D. O'Connor, Janet C. Hill, David E. Beverland, Alex B. Lennon, Nicholas J. Dunne]
- O'Halloran, Aisling*, 'Prevalence of age-related macular degeneration associated genetic risk factors and 4-year progression data in the Irish population', *British Journal of Ophthalmology* (2018), bjophthalmol-2017-311673 [Emma Connolly, Maedbh Rhatigan, Aisling O'Halloran, Katherine Alyson Muldrew, Usha Chakravarthy, Mark Cahill, Rose Anne Kenny, Sarah L. Doyle]
- 'Cardiovascular risk factors and frailty in a cross-sectional study of older people: implications for prevention', *Age and Ageing*, 47, 5 (2018), 714-720 [T.Y. Wong, M.S. Massa, A.M. O'Halloran, R.A. Kenny, R. Clarke]
- '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', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* (2018), <http://dx.doi.org/10.1093/gerona/gly258> [J. Feeney, A.M. O'Halloran, R.A. Kenny]
- O'Neill, Desmond*, 'Reflecting on our perceptions of the worth, status and rewards of working in nursing homes', *Age and Ageing*, 47, 4 (2018), 502-504 [D. O'Neill]
- 'Patterns of mortality in modern stroke care', *Ir Med J*, 111, 5 (2018), P750 [M. D'Alton, T. Coughlan, N. Cogan (...), D. O'Neill *et al.*]
- 'Modern approaches to self-neglect', *Ir Med J*, 111, 5 (2018), P748 [H. Smyth, S.P. Kennelly, D. O'Neill]
- 'Colour and controversy', *Lancet*, 391, 10137 (2018), 2314 [D. O'Neill]
- 'Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data', *Lancet Neurology*, 17, 10 (2018), 895-904 [L.S. Román, B.K. Menon, J. Blasco (...), P. White, S. Bracad *et al.*]
- 'eTICI reperfusion: defining success in endovascular stroke therapy', *J Neurointerv Surg* (2018), <http://dx.doi.org/10.1136/neurintsurg-2018-014127> [D.S. Liebeskind, S. Bracad, F. Guillemin (...), S. Brown, M. Goyal]

Recent publications – Faculty of Health Sciences

'Penumbral imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data', *Lancet Neurol* (2018), [http://dx.doi.org/10.1016/S1474-4422\(18\)30314-4](http://dx.doi.org/10.1016/S1474-4422(18)30314-4) [B.C.V. Campbell, C.B.L.M. Majoie, G.W. Albers (...), M.D. Hill, P.J. Mitchell]

'European postgraduate curriculum in geriatric medicine developed using an international modified Delphi technique', *Age and Ageing* (2018) [R. Roller-Wirnsberger, T. Masud, M. Vassallo (...), D. O'Neill *et al.*]

'Who are the main medical care providers of European nursing home residents? An EuGMS survey', *European Geriatric Medicine* (2018), <https://doi.org/10.1007/s41999-018-0136-1> [D. Fitzpatrick, O. Samuelsson, I. Holmerová, F.C. Martin, D. O'Neill]

'The convergence of architectural design and health: clinicians for design', *Lancet*, 392, 10163 (2018), 2432-33 [D.C. Anderson, S.A. Pang, D. O'Neill, E.A. Edelstein]

'A systematic review of the risk of motor vehicle collision after stroke or transient ischemic attack', *Topics in Stroke Rehabilitation* (2019), <https://doi.org/10.1080/10749357.2018.1558634> [M.J. Rapoport, S.C. Plonka, H. Finestone (...), D. Ayotte, D. O'Neill]

'Toying with inclusivity', *BMJ*, 363 (2018), k5193 [D. O'Neill, D. McDonald, S. Jones]

'A multicenter report on the natural history of myelodysplastic syndromes in very old patients (aged over 85 years)', *Leukaemia and Lymphoma* (2019), <http://dx.doi.org/10.1080/10428194.2018.1538513> [L. McDonald, P. McCarthy, M. Khan (...), D. O'Neill *et al.*]

'A hospital wide point prevalence of adult urinary incontinence and audit of continence care', *Age and Ageing* (2019), 10.1093/ageing/afy140.15 [P. Harkins, H. O'Brien, D. McCartan (...), D. O'Neill *et al.*]

'Health professions education: advancing geriatrics/gerontology competencies through age friendly university guiding principles', *Journal of Gerontology and Geriatrics Education* (2019), <https://doi.org/10.1080/02701960.2019.1576658> [M. Gugliucci, D. O'Neill]

'Increased leucocyte-platelet complex formation in recently symptomatic versus asymptomatic carotid stenosis patients and in micro-emboli negative subgroups', *Thromb Haemost* (2019) [S.J.X. Murphy, S.T. Lim, J.A. Kinsella (...), D. O'Neill *et al.*]

'Lifetime housing, urban design and health', *Ir Med J*, 112, 2 (2019), P865 [O. Monaghan, D. O'Neill]

Romero-Ortuno, Roman, 'Impairments in hemodynamic responses to orthostasis associated with frailty: results from The Irish Longitudinal Study on Ageing (TILDA)', *Journal of the American Geriatrics Society*, 66, 9 (2018), 1475-1483 [M.D. O'Connell, G.M. Savva, C. Finucane, R. Romero-Ortuno, C.W. Fan, R.A. Kenny.]

'Allocating patients to geriatric medicine wards in a tertiary university hospital in England: a service evaluation of the Specialist Advice for the Frail Elderly (SAFE) team', *Aging Medicine* (2018), 1-5 [S. Alabaf Sabbaghi, D. De Souza, P. Sarikonda, V.L. Keevil, S.J. Wallis, R. Romero-Ortuno]

'Care home residents admitted to hospital through the emergency pathway: characteristics and associations with inpatient mortality', *Journal of the Royal College of Physicians of Edinburgh*, 48 (2018), 202-209 [V.L. Keevil, G.J. Martin, R. Biram, S. Wallis, R. Romero-Ortuno]

'Anticholinergic medications in patients admitted with cognitive impairment and falls (AMICI). The impact of hospital admission on anticholinergic cognitive medication burden. Results of a multi centre observational study', *Journal of Clinical Pharmacy and Therapeutics*, 43, 5 (2018), 682-694 [I. Weichert, R. Romero-Ortuno, J. Tolonen, T. Soe, C. Lebus, S. Choudhury, C.V. Nadarajah, P. Nanayakkara, M. Orru, S. Di Somma]

'Frailty, the determinants of health and the new evidence base', *Aging Medicine* (2018), 1-2 [R. Romero-Ortuno, D.R. Forsyth]

Recent publications – Faculty of Health Sciences

'Frail-VIG index: a concise frailty evaluation tool for rapid geriatric assessment. Results of a 24-months prospective follow-up', *BMC Geriatrics*, 18 (2018), 29 [J. Amblàs-Novellas, J.C. Martori, J. Espauella, R. Oller, N. Molist-Brunet, M. Inzitari, R. Romero-Ortuno]

'Estimation of the glomerular filtration rate in older individuals with serum creatinine-based equations: A systematic comparison between CKD-EPI and BIS1', *Archives of Gerontology and Geriatrics*, 75 (2018), 139-145 [T.J. Oscanoa, J.P. Amado, R. Romero-Ortuno, J.A. Hidalgo]

'The clinical frailty scale predicts inpatient mortality in older hospitalised patients with idiopathic Parkinson's disease', *The Journal of the Royal College of Physicians of Edinburgh*, 48, 2 (2018), 103-107 [K.M. Torsney, R. Romero-Ortuno]

'Health and social factors associated with a delayed discharge amongst inpatients in acute geriatric wards: a retrospective observational study', *Geriatrics and Gerontology International*, 18, 4 (2018), 530-537 [G. Moore, P. Hartley, R. Romero-Ortuno]

'Clinical frailty is independently associated with non-prescription of anticoagulants in older patients with atrial fibrillation', *Geriatrics and Gerontology International*, 17, 11 (2017), 2178-2183 [I.P. Induruwa, N.R. Evans, A. Aziz, S. Reddy, K. Khadjooi, R. Romero-Ortuno]

'The association between clinical frailty and walking speed in older hospitalised medical patients: a retrospective observational study', *European Geriatric Medicine*, 8, 2 (2017), 130-133 [P. Hartley, V.L. Keevil, R. Romero-Ortuno]

'The association between cognitive impairment and functional outcome in hospitalised older patients: a systematic review and meta-analysis', *Age and Ageing*, 46, 4 (2017), 559-567 [P. Hartley, N. Gibbins, A. Saunders (...), T. Luddington, R. Romero-Ortuno]

'The association of geriatric syndromes with hospital outcomes', *Journal of Hospital Medicine*, 12, 2 (2017), 83-89 [R. Romero-Ortuno, D.R. Forsyth, K.J. Wilson, E. Cameron, S. Wallis, R. Biram, V.L. Keevil]

'The challenge of clinical complexity in the 21st century: could frailty indices be the answer?', *Spanish Journal of Geriatrics and Gerontology*, 52, 3 (2017), 159-166 [J. Amblàs-Novellas, J. Espauella-Panicot, M. Inzitari, L. Rexach, B. Fontecha, R. Romero-Ortuno]

'Association of cognition with functional trajectories in patients admitted to geriatric wards: a retrospective observational study', *Geriatrics and Gerontology International*, 17, 10 (2017), 1438-1443 [P. Hartley, K. Alexander, J. Adamson, C. Cunningham, G. Embleton, R. Romero-Ortuno]

'Clinical frailty and functional trajectories in hospitalized older adults: a retrospective observational study', *Geriatrics and Gerontology International*, 17, 7 (2017), 1063-1068 [P. Hartley, J. Adamson, C. Cunningham, G. Embleton, R. Romero-Ortuno]

OBSTETRICS AND GYNAECOLOGY

Abu Saadeh, Feras, 'Lung metastases from benign uterine leiomyoma: does 18-FDG-PET/CT have a role to play?', *Irish Journal of Medical Science (1971-)*(2018), 1-6 [Saadeh Feras Abu, O. Riain Ciaran, C. Mc Cormack, N. Gleeson]

Norris, Lucy, 'The clearance of serum human epididymis protein 4 following primary cytoreductive surgery for ovarian carcinoma', *International Journal of Gynaecological Cancer*, 28, 6 (2018), 1066-1072 [C. Thompson, W. Kamran, L. Dockrell (...), L. Norris *et al.*]

O'Toole, Sharon, 'miR-223 potentially targets SWI/SNF complex protein SMARCD1 in atypical proliferative serous tumor and high-grade ovarian serous carcinoma', *Human Pathology*, 70 (2017), 98-104 [Florence A. Arts, Lisa Keogh, Paul Smyth (...), Sharon O'Toole *et al.*]

'The clearance of serum human epididymis protein 4 following primary cytoreductive surgery for ovarian carcinoma', *International Journal of Gynaecological Cancer*, 28, 6 (2018), 1066-1072 [C. Thompson, W. Kamran, L. Dockrell (...), S. O'Toole, N. Gleeson]

Recent publications – Faculty of Health Sciences

OCCUPATIONAL THERAPY

- Brangan, Joan**, 'Capturing interactive occupation and social engagement in a residential dementia and mental health setting using quantitative and narrative data', *National Institute of Health Sciences (NIHS) Research Bulletin*, 8, 1 (2018), 27 [Marl Morgan-Brown, Joan Brangan] 'Engagement and social interaction in dementia care settings. A call for occupational and social justice', *Health and Social Care in the Community* (2018), 1-9 [Mark Morgan-Brown, Joan Brangan, B. Murphy, R. McMahon]
- Connolly, Deirdre**, 'Impact of a fatigue management in work programme on meeting work demands of individuals with rheumatic diseases: a pilot study', *Musculoskeletal Care*, 16, 3 (2018), 398-404 [R. McCormack, M. Doran, F. O'Shea, D. Connolly] 'The impact of a primary care stress management and well-being programme (RENEW) on occupational participation: a pilot study', *British Journal of Occupational Therapy*, 82, 2 (2019), 112-121 [D. Connolly, M. Anderson, M. Colgan, J. Montgomery, J. Clarke, M. Kinsella] 'Cancer survivors' experience of OptiMal, a 6-week, occupation-based, self-management intervention', *British Journal of Occupational Therapy*, 82, 2 (2019), 90-100 [L. Boland, K. Bennett, S. Cuff, N. Gleeson, C. Grant, J. Kennedy, D. Connolly] 'Primary care in Singapore: an occupational therapy perspective', *Proceedings of Singapore Healthcare* (2019), 1-2 [R. Usher, D. Connolly]
- Cremin, Katie**, 'Parental perceptions on the transition to secondary school for their child with autism', *Advances in Autism*, 3, 2 (2017), 87-99 [K. Cremin, O. Healy, M. Gordon]
- Elliott O'Dare, Catherine**, 'Intergenerational friendships of older adults: why do we know so little about them?', *Ageing and Society*, 39, 1 (2019), 1-16 [C. Elliott O'Dare, V. Timonen, C. Conlon]
- Murphy, Patrick**, 'HIV-related stigma and optimism as predictors of anxiety and depression among HIV-positive men who have sex with men in the United Kingdom and Ireland', *AIDS Care* (2018), doi.org/10.1080/09540121.2018.1445827 [P.J. Murphy, H. Garrido-Hernansaiz, F. Mulcahy, D. Hevey] 'The CHARMS pilot study: a multi-method assessment of the feasibility of a sexual counselling implementation intervention in cardiac rehabilitation in Ireland', *Pilot and Feasibility Studies*, 4, 88 (2018), <http://hdl.handle.net/2262/83179> [P.J. Murphy, C. Noone, M. D'Eath (...), E. Steinke, M. Byrne] 'Addressing treatment-related sexual side effects among cancer patients: sub-optimal practice in radiation therapy', *European Journal of Cancer Care* (2019), <http://dx.doi.org/10.1111/ecc.13006> [Orlaith Lynch, Anita O'Donovan, Patrick Murphy]
- Stapleton, Tadhg**, 'Assessing fitness to drive after stroke: a survey investigating current practice among occupational therapists in Ireland', *Irish Journal of Occupational Therapy* (2018), <https://doi.org/10.1108/IJOT-03-2018-0006> [A.H. Stack, O. Duggan, T. Stapleton] 'Overview of the Assisted Decision Making (Capacity) Act (2015): implications and opportunities for occupational therapy', *Irish Journal of Occupational Therapy* (2018), <https://doi.org/10.1108/IJOT-08-2018-0013> [R. Usher, T. Stapleton] 'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), 2 [Emer M. Guinan, Emer M. Barrett, Freda Neill (...), Tadhg Stapleton et al.] 'Effects of an occupational therapy memory strategy education group intervention on Irish older adults' selfmanagement of everyday memory difficulties', *Occupational Therapy in Health Care* (2019), 26 [A. Coe, M. Martin, T. Stapleton]
- Usher, Ruth**, 'Overview of the Assisted Decision Making (Capacity) Act (2015): implications and opportunities for occupational therapy', *Irish Journal of Occupational Therapy* (2018), <https://doi.org/10.1108/IJOT-08-2018-0013> [R. Usher, T. Stapleton]

Recent publications – Faculty of Health Sciences

'Primary care in Singapore: an occupational therapy perspective', *Proceedings of Singapore Healthcare* (2019), 1-2 [R. Usher, D. Connolly]

PAEDIATRICS

Balfe, Joanne, 'Altered endotoxin responsiveness in healthy children with Down syndrome', *BMC Immunology* (2018), <http://dx.doi.org/10.1186/s12865-018-0270-z> [D. Huggard, F. McGrane, N. Lagan (...), J. Balfe et al.]

Coghlan, David, 'Life after the event: a review of basic life support training for parents following apparent life-threatening events and their experience and practices following discharge', *Irish Medical Journal*, 110, 5 (2017), 572 [W.L. Macken, N. Clarke, M. Nadeem, D. Coghlan]

'Interpretation of pyuria in children with urinary tract infection', *Acta Paediatrica (Oslo, Norway: 1992)* (2017), <http://dx.doi.org/10.1111/apa.14133> [M. Kenosi, L. Whitla, N. Khan, E. Carty, D. Coghlan, M. Nadeem]

Crowe, Suzanne, 'Professionalism and social media in pediatric anesthesia', *Paediatric Anaesthesia*, 27, 8 (2017), 866-867 [David Greaney, Gregory Nolan, Suzanne Crowe]

'Tracheostomy as a comfort measure in children with life-limiting conditions', *Journal of Palliative Care*, 32, 3-4 (2017), 89-91 [Valerie Marshall, Francesca Holt, Suzanne Crowe]

'Disenfranchised grief in the PICU: crying for attention', *Pediatric Critical Care Medicine: a Journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*, 18, 8 (2017), 367-369 [Suzanne Crowe]

'The complexities of delivering anesthesia and pediatric intensive care to a critically ill pediatric refugee', *Paediatric Anaesthesia*, 27, 8 (2017), 867-868 [David Greaney, Suzanne Crowe]

'Bearing witness to anger and loss', *Anesthesiology* (2018), <http://dx.doi.org/10.1097/aln.0000000000002090> [Suzanne Crowe]

'How we say goodbye: social media, death and the paediatric intensive care unit', *European Journal of Palliative Care*, 24, 6 (2017), 248-250 [G. Nolan, S. Crowe]

'Anesthesia consensus on clinical parameters for the timing of surgical repair in congenital diaphragmatic hernia', *Pediatric Anaesthesia*, 28, 8 (2018), 751-752 doi: 10.1111/pan.13459. [P. Fennessy, S. Crowe, M. Lenihan, M. Healy]

'Cannabis oil in an Irish children's critical care unit', *Irish Medical Journal*, 111, 8 (2018), 807 [P. Fennessy, L. Murphy, S. Crowe]

'Short report', *Irish Medical Journal* (2018), 859 [P. Delaney, S. Crowe]

'Difficult social circumstances', *Anesthesiology*, Jan 22 (2019) [S. Crowe]

Donnelly, Jean, 'Perinatal inflammation and childhood adiposity - a gender effect?', *Journal of Maternal and Fetal Neonatal Medicine* (2018), 1-8 [Jean Donnelly]

Gillick, John, 'Use of 3D printing to create a bespoke repair of a Percutaneous Endoscopic Gastrostomy (PEG) tube in patient unfit for surgical replacement', *BMJ Innovations*, 4, 1 (2018), 29-31 [Kevin J. O'Sullivan, Aidan G. O'Sullivan, Noelle Power, John Gillick, Colum P. Dunne, Leonard O'Sullivan, Barry Linnane]

Greally, Peter, 'Aspergillus fumigatus inhibits *Pseudomonas aeruginosa* in co-culture: implications of a mutually antagonistic relationship on virulence and inflammation in the CF airway', *Frontiers in Microbiology*, 9 (2018), 1205-1210 [Emma Reece, Sean Doyle, Peter Greally, Julie Renwick, Siobhán McClean]

'Blunted serum 25 (OH)D response to vitamin D3 supplementation in children with autism', *Nutr Neurosci*, 10 (2018), 1-6 [C.P. Kerley, B. Elnazir, P. Greally, D. Coghlan]

'Longitudinal trends in real-world outcomes following initiation of ivacaftor: a cohort study from the cystic fibrosis registry of Ireland', *Ann Am Thorac Soc*, 10 (2018), 1490-1495 [L. Kirwan, G. Fletcher, M. Harrington, P. Jeleniewska, S. Zhou, B. Casserly, C.G. Gallagher, P. Greally]

Recent publications – Faculty of Health Sciences

- 'Pulmonary aspiration in preschool children with cystic fibrosis', *Respiratory Research*, 19, 1 (2018), 255-258 [D. Clarke, I. Gorman, F. Ringholz, M. McDermott, D.W. Cox, P. Greally, B. Linnane, P. McNally]
- 'SHIELD CF; Upper and lower airway infection and inflammation in Irish preschool children with cystic fibrosis', *Irish Journal of Medical Science, Irish Thoracic Society* (2018), S280-S281 [D. Butler, J. Lennon, D. Cox, P. Greally, B. Linnane, P. McNally]
- Leahy, Ronan**, 'Aortic calcification in a patient with a gain-of-function STAT1 mutation', *Journal of Clinical Immunology* (2018), <http://dx.doi.org/10.1007/s10875-018-0513-z> [A.E. Smyth, E. Kaleviste, A. Snow, K. Kisand, C.J. McMahon, A.J. Cant, T.R. Leahy]
- 'Altered endotoxin responsiveness in healthy children with Down syndrome', *BMC Immunology* (2018), <http://dx.doi.org/10.1186/s12865-018-0270-z> [D. Huggard, F. McGrane, N. Lagan, E. Roche, J. Balfe, T.R. Leahy, O. Franklin, A. Moreno, A.M. Melo, D.G. Doherty, E.J. Molloy]
- 'Hypomorphic CARD11 mutations associated with diverse immunologic phenotypes with or without atopic disease', *Journal of Allergy and Clinical Immunology* (2018), <http://dx.doi.org/10.1016/j.jaci.2018.08.013> [B. Dorjbal, J.R. Stinson, C.A. Ma (...), T.R. Leahy *et al.*]
- 'An essential role for the Zn²⁺ transporter ZIP7 in B cell development.', *Nature Immunology* (2019), <http://dx.doi.org/10.1038/s41590-018-0295-8> [C. Anzilotti, D.J. Swan, B. Boisson (...), T.R. Leahy *et al.*]
- 'Double trouble? CMC with a mutation in both AIRE and STAT1', *Journal of Clinical Immunology* (2018), <http://dx.doi.org/10.1007/s10875-018-0536-5> [H. Al Dhanhani, T. Al Shehri, D. Lilic, M. Buddles, K. Kisand, M.E. Maccari, T.R. Leahy]
- 'CD57 identifies T cells with functional senescence before terminal differentiation and relative telomere shortening in patients with activated PI3 kinase delta syndrome', *Immunology and Cell Biology* (2018), <http://dx.doi.org/10.1111/imcb.12169> [P. Cura Daball, M.S. Ventura Ferreira, S. Ammann (...), T.R. Leahy *et al.*]
- 'Expanding the spectrum of post-malaria neurologic syndrome in the pediatric population', *Pediatric Infectious Disease Journal* (2018), <http://dx.doi.org/10.1097/INF.0000000000001922> [R.J. Kernan, P.J. Gavin, K.M. Butler, T.R. Leahy, B. Lynch, J. Leonard]
- McGovern, Matthew**, 'Gender disparities in preterm neonatal outcomes', *Acta Paediatrica*, May (2018) [D.N. O'Driscoll, M. McGovern, C.M. Greene, E.J. Molloy]
- 'Cardiac output monitoring in preterm infants', *Frontiers in Pediatrics*, 8 (2018), 64 [Matthew McGovern, Jan Miletin]
- Molloy, Eleanor**, 'Gender disparities in preterm neonatal outcomes', *Acta Paediatrica*, May (2018) [D.N. O'Driscoll, M. McGovern, C.M. Greene, E.J. Molloy]
- 'Altered endotoxin responsiveness in healthy children with Down syndrome', *BMC Immunology* (2018), <http://dx.doi.org/10.1186/s12865-018-0270-z> [D. Huggard, F. McGrane, N. Lagan, N. Roche, J. Balfe, T.R. Leahy, O. Franklin, A. Moreno, A.M. Melo, D.G. Doherty, E.J. Molloy]
- 'Parent, child and public involvement in child health research: core value not just an optional extra', *Pediatric Research* (2018), <http://dx.doi.org/10.1038/s41390-018-0245-z> [E.J. Molloy, S. Mader, N. Modi *et al.*]
- 'Gender bias at pediatric research?', *Pediatric Research* (2018), <http://dx.doi.org/10.1038/s413090-018-0246-y> [C.F. Bearer, E.J. Molloy]
- 'Maternal protein intake during pregnancy is associated with child growth up to 5 years of age, but not through insulin-like growth factor-1: findings from the ROLO study', *British Journal of Nutrition*, 120, 11 (2018), 1252-1261 [A.A. Geraghty, E. O'Brien, M.K. Iberdi (...), E. Molloy, F.M. McAuliffe]
- 'Does coagulase negative staphylococcal sepsis cause neurodevelopmental delay in preterm infants?', *Archives of Disease in Childhood* (2018), <http://dx.doi.org/10.1136/archdischild-2018-316004> [M. McGovern, L. Fynn, S. Coyne, E.J. Molloy]

Recent publications – Faculty of Health Sciences

- 'Neonatal encephalopathy versus hypoxic-ischemic encephalopathy', *Paediatric Research* (2018), <http://dx.doi.org/10.1038/s41390-018-0169-7> [E.J. Molloy, C. Bearer]
- Roche, Edna**, 'Altered endotoxin responsiveness in healthy children with Down syndrome', *BMC Immunology* (2018), <http://dx.doi.org/10.1186/s12865-018-0270-z> [D. Huggard, F. McGrane, N. Lagan (...), J. Roche *et al.*]
- 'Fifteen-minute consultation: polydipsia, polyuria or both', *Archives of Disease in Childhood. Education and Practice Edition* (2018), <http://dx.doi.org/10.1136/archdischild-2018-315486> [M. Mahon, G. Amaechi, F. Slattery, A.L. Sheridan, E.F. Roche]
- 'Personalized cardio-metabolic responses to an anti-inflammatory nutrition intervention in obese adolescents: a randomized controlled crossover trial', *Molecular Nutrition and Food Research* (2018), <http://dx.doi.org/10.1002/mnfr.201701008> [A.M. McMorrow, R.M. Connaughton, T.R. Magalhães (...), E.F. Roche *et al.*]
- 'Single centre experience - clinical presentation and frequency of paediatric diabetic ketoacidosis (DKA) at diagnosis over a 5-year period', *Irish Medical Journal*, 111, 3 (2018), 714-716 [A. McKenna, N. Sandys, K. Ryder, N. Metwally, A. Brennan, M. O'Regan, M.C.V. Hoey, E.F. Roche]
- Snow, Aisling**, 'Aortic calcification in a patient with a gain-of-function STAT1 mutation', *Journal of Clinical Immunology* (2018), <http://dx.doi.org/10.1007/s10875-018-0513-z> [A.E. Smyth, E. Kaleviste, A. Snow, K. Kisand, C.J. McMahon, A.J. Cant, T.R. Leahy]
- 'Clinical application of three-dimensional printing to the management of complex univentricular hearts with abnormal systemic or pulmonary venous drainage', *Cardiology in the Young*, 27, 7 (2017), 1248-1256 [E. McGovern, E. Kelleher, A. Snow, K. Walsh, B. Gadallah, S. Kutty, C.J. McMahon]
- Treacy, Eileen**, 'Extended experience of lower dose sapropterin in Irish adults with mild phenylketonuria', *Journal of Inherited Metabolic Diseases Reports*, 40 (2018), 71-76 [S. Doyle, M. O'Regan, C. Stenson, J. Bracken, U. Hendroff, A. Agasarova, D. Deverell, E.P. Treacy]
- 'Two uneventful pregnancies in a woman with glutaric aciduria type 1', *Journal of Inherited Metabolic Diseases Reports*, 41 (2018), 29-36 [K. Stepien, G.M. Pastores, U. Hendroff, C. McCormick, P. Fitzsimons, N. Khawaja, I. Borovickova, E.P. Treacy]
- 'Profiling of intracellular metabolites produced from galactose and its potential for galactosaemia research', *Orphanet Journal of Rare Diseases*, 13, 1 (2018), 146 [M. van Weeghel, L. Welling, E.P. Treacy, R.J.A. Wanders, F. Ferdinandusse, A.M. Bosch]
- 'Neurocognitive assessments and long-term outcome in an adult with 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency', *Molecular Genetics and Metabolism*, 16 (2018), 31-35 [K.M. Stepien, P. McCarthy, E.P. Treacy, J.J. O'Byrne, G.M. Pastores]
- 'Fertility in classical galactosaemia, a study of N-glycan, hormonal and inflammatory gene interactions', *Orphanet Journal of Rare Diseases*, 13, 1 (2018), 164 [H.O. Colhoun, E.M. Rubio-Gozalbo, A.M. Bosch (...), M. Fitzgibbon, P.P. Doran]

PHARMACOLOGY AND THERAPEUTICS

- Lucitt, Margaret**, 'Liraglutide dictates macrophage phenotype in apolipoprotein E null mice during early atherosclerosis', *Cardiovascular Diabetology*, 16 (2017), <http://dx.doi.org/10.1186/s12933-017-0626-3>. [R. Bruen, S. Curley, S. Kajani, D. Crean, M.E. O'Reilly, M.B. Lucitt, C.G. Godson, F.C. McGillicuddy, O. Belton]
- 'Simvastatin suppresses interleukin 1 β release in human peripheral blood mononuclear cells stimulated with cholesterol crystals', *J Cardiovasc Pharmacol Ther* (2018), <http://dx.doi.org/10.1177/1074248418776261> [A.J. Boland, N. Gangadharan, P. Kavanagh, L. Hemeryck, J. Kieran, M. Barry, P.T. Walsh, M. Lucitt]

Recent publications – Faculty of Health Sciences

- 'Cholesterol crystal secretion of IL-1 β from PBMCs is reduced with simvastatin treatment', *Heart British Medical Journal*, 21st annual meeting of the Scottish cardiovascular forum, Dublin (2018), <http://dx.doi.org/10.1136> [N. Gangadharan, P. Kavanagh, P.T. Wash, L. Hemeryck, J. Kieran, M. Barry, M. Lucitt]
- Rowan, Michael**, 'Physiological activation of mGlu5 receptors supports the ion channel function of NMDA receptors in hippocampal LTD induction in vivo', *Scientific Reports*, 8, 1 (2018), <http://dx.doi.org/10.1038/s41598-018-22768-x> [K.J. O'Riordan, N.W. Hu, M.J. Rowan.]
- 'A β facilitates LTD at Schaffer collateral synapses preferentially in the left hippocampus', *Cell Reports*, 22, 8 (2018), 2094-2106 [K.J. O'Riordan, N.W. Hu, M.J. Rowan]
- 'Extracellular forms of A β and tau from iPSC models of Alzheimer's disease disrupt synaptic plasticity', *Cell Reports*, 23, 7 (2018), 1932-1938 [N.W. Hu, G.T. Corbett, S. Moore, I. Klyubin, T.T. O'Malley, D.M. Walsh, F.J. Livesey, M.J. Rowan]
- 'Hippocampal synaptic plasticity in neurodegenerative diseases: A β , tau and beyond', *Neuroforum* (2018), <http://dx.doi.org/10.1515/nf-2017-A063> [D. Balschun, M.J. Rowan]
- 'NLRP3-dependent synaptic plasticity deficit in an Alzheimer's disease amyloidosis model in vivo', *Neurobiology of Disease*, 114 (2018), 24-30 [Y. Qi, I. Klyubin, A. Claudio Cuello, M.J. Rowan]
- PHYSIOLOGY
- Caldwell, Maeve**, 'Loss of microRNA-7 regulation leads to --synuclein accumulation and dopaminergic neuronal loss in vivo', *Molecular Therapy: The Journal of the American Society of Gene Therapy* (2017), <https://doi.org/10.1016/j.ymthe.2017.08.017> [K.J. McMillan, T.K. Murray, N. Bengoa-Vergniory (...), L.F. Wong, M.A. Caldwell]
- 'Induced pluripotent stem cell neuronal models for the study of autophagy pathways in human neurodegenerative disease', *Cells* (2017), <https://doi.org/10.3390/cells6030024> [N. Jiménez-Moreno, P. Stathakos, M.A. Caldwell, L.D. Lane]
- 'Astrocytes in a dish: using pluripotent stem cells to model neurodegenerative and neurodevelopmental disorders', *Brain Pathology (Zurich, Switzerland)* (2017), <https://doi.org/10.1111/bpa.12522> [L.A. Crompton, O. Cordero-Llana, M.A. Caldwell]
- 'Generation of defined neural populations from pluripotent stem cells', *Philosophical Transactions of the Royal Society B: Biological Sciences*, 373, 1750 (2018), 20170214 [Sarah F. McComish, Maeve A. Caldwell]
- Cunningham, Mark**, 'The role of astrocytes in seizure generation: insights from a novel in vitro seizure model based on mitochondrial dysfunction', *Brain*, 142, 2 (2019), 391-411 [F. Chan, N.Z. Lax, C.M. Voss (...), D.M. Turnbull, M.O. Cunningham]
- 'Perampanel and decanoic acid show synergistic action against AMPA receptors and seizures', *Epilepsia*, 59, 11 (2018), e172-e178 [K. Augustin, S. Williams, M. Cunningham (...), M.C. Walker, R.S.B. Williams]
- 'Human and rodent temporal lobe epilepsy is characterized by changes in O-GlcNAc homeostasis that can be reversed to dampen epileptiform activity', *Neurobiology of Disease*, 124 (2019), 531-543 [R.G. Sánchez, R.R. Parrish, M. Rich (...), M. Cunningham et al.]
- Dev, Kumlesh**, 'A novel modelling mechanism of PAEL receptor and GABARAPL2 interaction involved in Parkinson's disease', *Neuroscience Letters*, 673 (2018), 12-18 [P. Dutta, L. Dargahi, K.E. O'Connell, A. Bolia, B. Ozkan, A.W. Sailer, K.K. Dev]
- Edge, Deirdre**, 'Assessment of renal function in the anaesthetised rat following injection of superparamagnetic iron oxide nanoparticles', *Canadian Journal of Physiology and Pharmacology*, 95, 4 (2017), 443-446 [D. Edge, C.M. Shortt, E.J. Johns, O.L. Gobbo, F. Markos, M.H. Abdulla, E.F. Barry]

Recent publications – Faculty of Health Sciences

- 'Sensorimotor control of breathing in the mdx mouse model of Duchenne muscular dystrophy', *Journal of Physiology*, 595, 21 (2017), 6653-6672 [D.P. Burns, A. Roy, E.F. Lucking, F.B. McDonald, S. Gray, R.J. Wilson, D. Edge, K.D. O'Halloran]
- 'Restoration of pharyngeal dilator muscle force in dystrophin-deficient (mdx) mice following co-treatment with neutralizing interleukin-6 receptor antibodies and urocortin 2', *Experimental Physiology*, 102, 9 (2017), 1177-1193 [D.P. Burns, J. Rowland, L. Canavan, K.H. Murphy, M. Brannock, D. O'Malley, K.D. O'Halloran, D. Edge]
- Egana, Mikel**, 'Lack of age-specific influence on leg blood flow during incremental calf plantar-flexion exercise in men and women', *European Journal of Applied Physiology*, 118, 5 (2018), 989-1001 [H. Reilly, L.M. Lane, M. Egana]
- 'Effect of obesity on oxygen uptake and cardiovascular dynamics during whole-body and leg exercise in adult males and females', *Physiological Reports*, 6, 9 (2018), 13705 [S. Green, E. O'Connor, C. Kiely, D. O'Shea, M. Egana]
- Finucane, Orla**, 'Inflammatory microglia are glycolytic and iron retentive and typify the microglia in APP/PS1 mice', *Brain, Behavior, and Immunity* (2018), 183-196 [R. Holland, A.L. McIntosh, O.M. Finucane (...), Y.K. Gun'ko, M.A. Lynch]
- 'Anti-TLR2 antibody triggers oxidative phosphorylation in microglia and increases phagocytosis of β -amyloid', *Journal of Neuroinflammation*, 15, 1 (2018), <http://dx.doi.org/10.1186/s12974-018-1281-7> [A. Rubio-Araiz, O.M. Finucane, S. Keogh, M.A. Lynch]
- Kelly, Aine**, 'Lifelong environmental enrichment in the absence of exercise protects the brain from age-related cognitive decline', *Neuropharmacology* (2018), <http://dx.doi.org/10.1016/j.neuropharm.2018.03.042> [A.M. Birch, Á.M. Kelly]
- 'Effects of match play and training on circulating S100B concentration in professional rugby players', *Brain Injury* (2018), <http://dx.doi.org/10.1080/02699052.2018.1532112> [B. O'Connell, N. O'Shea, T. O'Dwyer, K. Denvir, G. Farrell, F. Wilson, Á.M. Kelly]
- 'The roles of neurotrophins in novel object recognition', *Handbook of object novelty recognition*, eds A. Ennaceur and M de Silva Souza, Elsevier (2018), <https://doi.org/10.1016/B978-0-12-812012-5.00030-6> [Á.M. Kelly]
- 'Effects of match play on circulating S100B concentration in professional rugby players', *Brain Injury*, 32, (13-14) (2018), 1811-1816 [B. O'Connell, F. Wilson, N. Boyle, T.K. O'Dwyer, K. Denvir, G. Farrell, A.M. Kelly]
- 'Use of blood biomarkers in assessment of sports related concussion - a systematic review in the context of their biological significance', *Clinical Journal of Sports Medicine*, 28, 6 (2018), 561-571 [B. O'Connell, A.M. Kelly, D. Mockler, M. Oresic, K. Denvir, G. Farrell, D. Janigro, F. Wilson]
- 'An investigation into the relationship between cardiorespiratory fitness, cognition and BDNF in young healthy males', *Neuroscience Letters* (2019), <http://dx.doi.org/10.1016/j.neulet.2019.03.012> [J.M. Fortune, Á.M. Kelly, I.H. Robertson, J. Hussey]
- Lynch, Marina**, 'A shift to glycolysis accompanies the inflammatory changes in PBMCs from individuals with an IQ-discrepant memory', *Journal of Neuroimmunology*, 317 (2018), 24-31 [H. Wolfe, C. Hannigan, M. O'Sullivan, L.B. Carrol, S. Brennan, R. Lawlor, I.H. Robertson, M. Lynch]
- 'Infiltrating macrophages contribute to age-related neuroinflammation in C57/BL6 mice', *Mechanisms of Ageing and Development*, 173 (2018), 84–91 [H. Wolfe, A.M. Minogue, S. Rooney, M.A. Lynch]
- 'Anti-TLR2 antibody triggers oxidative phosphorylation in microglia and increases phagocytosis of β -amyloid', *Journal of Neuroinflammation*, 15, 1 (2018), <http://dx.doi.org/10.1186/s12974-018-1281-7> [A. Rubio-Araiz, O.M. Finucane, S. Keogh, M.A. Lynch]

Recent publications – Faculty of Health Sciences

- 'Iron accumulation in microglia triggers a cascade of events that leads to altered metabolism and compromised function in APP/PS1 mice', *Brain Pathology* (2019), 10.1111/bpa.12704. [A. McIntosh, V. Mela, C. Harty, A.M. Minogue, D.A. Costello, C. Kerskens, M.A. Lynch]
- 'Monocytes exposed to plasma from patients with Alzheimer's disease undergo metabolic reprogramming', *Neuroscience Research* (2019), 0.1016/j.neures.2019.01.001 [H. Wolfe, V.M. Rivas, A.M. Minogue, A.M. Miller, C. McGuigan, L. Williams, D. Lohan, B.A. Lawlor, M.A. Lynch]
- Witney, Alice, 'Neurostimulation techniques for the modulation of pain', *Transcranial magnetic stimulation in neuropsychiatry*, ed Ustohal Libor, London, UK, intech (2018), <http://hdl.handle.net/2262/851> [Alice G. Witney]

PHYSIOTHERAPY

- Barrett, Emer, 'Evaluation of a 2.1 peer placement supervision model by physiotherapy students and their educators', *Physiotherapy Theory and Practice* (2018), <http://dx.doi.org/10.1080/09593985.2018.1458168> [Lucy M. Alpine, Francieli Tanji Caldas, Emer M. Barrett]
- Broderick, Julie, 'The use of eHealth to promote physical activity in patients with mental health conditions: a systematic review', *HRB Open Research*, 1 (2018), 5 [Jonathan Moran, Grainne Kelly, Ciarán Haberlin, David Mockler, Julie Broderick]
- 'Effects of pulmonary rehabilitation on exercise capacity and disease impact in patients with chronic obstructive pulmonary disease and obesity', *Physiotherapy*, 104 (2018), 248-250 [J. Broderick, C. Mc Grath, K. Cullen, D. Talbot, J. Gilmor, M. Baily-Scanlan, T. O'Dwyer]
- 'eHealth-based intervention to increase physical activity levels in people with cancer: protocol of a feasibility trial in an Irish acute hospital setting', *BMJ Open*, 9, 3 (2019), e024999 [C. Haberlin, J. Broderick, E. Guinan, C.D. Darker, J. Hussey, D.M. O'Donnell]
- Forde, Cuisle, 'Physical activity is associated with metabolic health in men living with HIV', *AIDS and Behavior* (2017), <http://dx.doi.org/10.1007/s10461-017-1715-8> [C. Forde, A. Loy, S. O'Dea, F. Mulcahy, J. Gormley, C. Daly]
- Gormley, John, 'The risk, burden, and management of non-communicable diseases in cerebral palsy: a scoping review', *Developmental Medicine and Child Neurology*, 60, 8 (2018), 753-764 [J.M. Ryan, E. Allen, J. Gormley, E.A. Hurvitz, M.D. Peterson]
- 'Physical activity and haemophilic joint arthropathy amongst adults with severe haemophilia in Ireland: the Irish personalised approach to the treatment of haemophilia (iPATH) study', *Haemophilia, European Association for Haemophilia and Allied Disorders (EAHAD)*, Prague, Wiley (2019), 139-140 [M. Kennedy, S. Roche, M. McGowan (...), J.S. O'Donnell, J. Gormley]
- 'Barriers to physical activity amongst adults with moderate and severe haemophilia in Ireland: the Irish personalised approach to the treatment of haemophilia (iPATH) study', *Haemophilia, European Association for Haemophilia and Allied Disorders (EAHAD)*, Prague, Wiley (2019), 140-140 [M. Kennedy, A. Monaghan, S. Roche (...), J.S. O'Donnell, J. Gormley]
- Hussey, Juliette, 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle, A.E. Bennett, C. Murphy, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]
- 'Physical decline and its implications in the management of oesophageal and gastric cancer: a systematic review', *Journal of Cancer Survivorship*, 12, 4 (2018), 601-618 [L. O'Neill, J. Moran, E.M. Guinan, J.V. Reynolds, J. Hussey]
- Wilson, Fiona, 'The role of cardiopulmonary exercise testing as a risk-assessment method in patients undergoing intra-abdominal surgery; a systematic review', *British Journal of Anaesthesia*, 111, 2 (2017), 177-191 [J. Moran, F. Wilson, E. Guinan, P. McCormick, J. Hussey, J. Moriarty]

Recent publications – Faculty of Health Sciences

- 'Response to: Is prehabilitation limited to preoperative exercise?', *Surgery* (2017), <http://dx.doi.org/10.1016/j.surg.2017.01.008> [J. Moran, E. Guinan, P. McCormick, J. Larkin, D. Mockler, J. Hussey, J. Moriarty, F. Wilson]
- 'Rowing injuries: an updated review', *Sports Medicine*, 47, 4 (2017), 641-661 [J. Thornton, V. Vinther, F. Wilson, C. Lebrun, M. Wilkinso, S. Di Ciacca, K. Orlando, T. Smoljanovic]
- 'Effects of match play on circulating S100B concentration in professional rugby players', *Brain Injury*, 32, (13-14) (2018), 1811-1816 [B. O'Connell, F. Wilson, N. Boyle, T.K. O'Dwyer, K. Denvir, G. Farrell, A.M. Kelly]
- 'Exercise, orthoses and splinting for treating Achilles tendinopathy: a systematic review and meta-analysis', *British Journal of Sports Medicine*, 52, 24 (2018), 1564-1574 [F. Wilson, M. Walshe, T.K. O'Dwyer, K. Bennett, D. Mockler, C. Bleakley]
- 'Use of blood biomarkers in assessment of sports related concussion - a systematic review in the context of their biological significance', *Clinical Journal of Sports Medicine*, 28, 6 (2018), 561-571 [B. O'Connell, A.M. Kelly, D. Mockler, M. Oresic, K. Denvir, G. Farrell, D. Janigro, F. Wilson]
- 'Managing low back pain in rowers: can it teach us something about the general population?', *In Touch*, 162, Spring (2018), 4-10 [F. Wilson]

PSYCHIATRY

- Bokde, Arun**, 'Extending the construct network of trait disinhibition to the neuroimaging domain: validation of a bridging scale for use in the European IMAGEN project', *Assessment* (2018), 1-15 [S.J. Brislin, C.J. Patrick, H. Flor (...), A.L.W. Bokde *et al.*]
- 'The influence of study-level inference models and study set size on coordinate-based fMRI meta-analyses', *Frontiers in Neuroscience*, 11, Jan (2018), 00745 [H. Bossier, R. Seurinck, S. Simone Kühn (...), A.L.W. Bokde *et al.*]
- 'Interaction between striatal volume and DAT1 polymorphism predicts working memory development during adolescence', *Developmental Cognitive Neuroscience*, 30 (2018), 191-199 [F. Nemmi, C. Nymberg, F. Darki (...), A.L.W. Bokde *et al.*]
- 'The Arf6 activator Efa6/PSD3 confers regional specificity and modulates ethanol consumption in *Drosophila* and humans', *Molecular Psychiatry*, 23 (2018), 621628 [D.A. Gonzalez, T. Jia, J.H. Pinzón (...), A.L.W. Bokde *et al.*]
- 'Grey matter volume differences associated with extremely low levels of cannabis use in adolescence', *The Journal of Neuroscience: The Official Journal of the Society for Neuroscience* (2019), 3375-17 [C. Orr, P. Spechler, Z. Cao (...), A.L.W. Bokde *et al.*]
- 'Allele-specific methylation of SPDEF: a novel moderator of psychosocial stress and substance abuse', *The American Journal of Psychiatry* (2018), appiajp201817121360 [N. Tay, C. Macare, Y. Liu (...), A.L.W. Bokde *et al.*]
- 'Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task', *Human Brain Mapping*, 40, 1 (2019), 262-283 [Z. Cao, M. Bennett, C. Orr (...), A.L.W. Bokde *et al.*]
- 'Examination of the neural basis of psychoticlike experiences in adolescence during reward processing', *JAMA Psychiatry*, 75, 10 (2018), 1043-1051 [E. Papanastasiou, E. Mouchlianitis, D.W. Joyce (...), A.L.W. Bokde *et al.*]
- 'A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response', *European Neuropsychopharmacology: The Journal of the European College of Neuropsychopharmacology*, 28, 10 (2018), 1103-1114 [C. Macare, F. Ducci, Y. Zhang (...), A.L.W. Bokde *et al.*]
- 'Distinct brain structure and behavior related to ADHD and conduct disorder traits', *Molecular Psychiatry* (2018), <http://dx.doi.org/10.1038/s41380-018-0202-6> [F. Bayard, C. Nymberg, C. Thunell (...), A.L.W. Bokde *et al.*]

Recent publications – Faculty of Health Sciences

'Early variations in white matter microstructure and depression outcome in adolescents with subthreshold depression', *The American Journal of Psychiatry* (2018), appiajp201817070825 [H. Vulser, M.L. Paillère Martinot, E. Artiges (...), A.L.W. Bokde *et al.*]

'Epigenetic variance in dopamine D2 receptor: a marker of IQ malleability?', *Translational Psychiatry*, 8, 1 (2018), 169 [J.A. Kaminski, F. Schlagenhauf, M. Rapp (...), A.L.W. Bokde *et al.*]

'Peer victimization and its impact on adolescent brain development and psychopathology', *Molecular Psychiatry* (2018), <http://dx.doi.org/10.1038/s41380-018-0297-9> [E.B. Quinlan, E.D. Barker, Q. Luo (...), A.L.W. Bokde *et al.*]

'Genetic risk for schizophrenia and autism, social impairment and developmental pathways to psychosis', *Translational Psychiatry*, 8, 1 (2018), <http://dx.doi.org/10.1038/s41398-018-0229-0> [E. Velthorst, S. Froudust-Walsh, E. Stahl (...), A.L.W. Bokde *et al.*]

'Basal forebrain volume, but not hippocampal volume, is a predictor of global cognitive decline in patients with Alzheimer's disease treated with cholinesterase inhibitors', *Frontiers in Neurology*, 9, Aug (2018), <http://dx.doi.org/10.3389/fneur.2018.00642> [S.J. Teipel, E. Cavedo, H. Hampel (...), A.L.W. Bokde *et al.*]

Corvin, Aiden, 'Genetically predicted complement component 4A expression: effects on memory function and middle temporal lobe activation', *Psychological Medicine* (2018), 1-10 [G. Donohoe, J. Holland, D. Mothersill (...), A. Corvin, D.W. Morris]

'Prefrontal cortical thinning links to negative symptoms in schizophrenia', *Psychological Medicine*, 48, 1 (2018), 82-94 [E. Walton, D.P. Hibar, T.G.M. Van Erp (...), A. Corvin *et al.*]

'Large-scale cognitive GWAS meta-analysis reveals tissue-specific neural expression and potential nootropic drug targets', *Cell Reports*, 21, 9 (2017), 2597-2613 [M. Lam, J.W. Trampush, J. Yu (...), A. Corvin *et al.*]

'MiR-137-derived polygenic risk: effects on cognitive performance in patients with schizophrenia and controls', *Translational Psychiatry*, 7, 1 (2017), e1012 [D. Cosgrove, D. Harold, O. Mothersill (...), A. Corvin *et al.*]

'Effects of MiR-137 genetic risk score on brain volume and cortical measures in patients with schizophrenia and controls', *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics*, 177, 3 (2018), 369-376 [D. Cosgrove, D.O. Mothersill, L. Whitton (...), A. Corvin *et al.*]

'Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases', *Nature Communications*, 9, 1 (2018), 1864 [A.I. Iglesias, A. Mishra, V. Vitart (...), A. Corvin *et al.*]

'Estimation of genetic correlation via linkage disequilibrium score regression and genomic restricted maximum likelihood', *American Journal of Human Genetics*, 102, 6 (2018), 1185-1194 [G. Ni, G. Moser, S. Ripke (...), A. Corvin *et al.*]

'Genetic overlap between attention-deficit/hyperactivity disorder and bipolar disorder: evidence from genome-wide association study meta-analysis', *Biological Psychiatry*, 82, 9 (2017), 634-641 [K.J.E. van Hulzen, C.J. Scholz, B. Franke (...), A. Corvin *et al.*]

'Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function', *Nature Communications*, 9, 1 (2018), 2098 [G. Davies, M. Lam, S.E. Harris (...), A. Corvin *et al.*]

'Cognitive characterization of schizophrenia risk variants involved in synaptic transmission: evidence of CACNA1C's role in working memory', *Neuropsychopharmacology*, 42, 13 (2017), 2612-2622 [D. Cosgrove, O. Mothersill, K. Kendall (...), A. Corvin *et al.*]

'Moral cognition and homicide amongst forensic patients with schizophrenia and schizoaffective disorder: a cross-sectional cohort study', *Schizophrenia Research*, 193 (2018), 468-469 [K. O'Reilly, P. O'Connell, A. Corvin (...), M. Richter, H. Kennedy]

Recent publications – Faculty of Health Sciences

- Gallagher, Louise, 'An evaluation of the appropriateness and effectiveness of structured reflection for midwifery students in Ireland', *Nurse Education in Practice*, 22 (2017), 7-14 [L. Gallagher, D. Lawler, V. Brady, C. O'Boyle, A. Deasy, K. Muldoon]
- 'Effect of frenotomy on breastfeeding variables in infants with ankyloglossia (tongue-tie): a prospective before and after cohort study', *BMC Pregnancy and Childbirth*, 17, 373 (2017), 1-9 [Kathryn Muldoon, Louise Gallagher, Denise McGuinness, Valerie Smith]
- 'Fathers and breastfeeding: attitudes, involvement and support', *British Journal of Midwifery*, 25, 7 (2017), 426-440 [H. Al Namir, Brady, L. Gallagher]
- 'NRXN1 deletion syndrome; phenotypic and penetrance data from 34 families', *European Journal of Medical Genetics* (2018), <http://hdl.handle.net/2262/83971> [M. Al Shehhi, E.B. Forman, J.E. Fitzgerald (...), L. Gallagher, S.A. Lynch]
- 'Low-frequency variation in TP53 has large effects on head circumference and intracranial volume', *Nature Communications*, 10, 1 (2019), 357 [S. Haworth, C.Y. Shapland, C. Hayward (...), V. Vitart, B. St Pourcain]
- Gill, Michael, 'The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: a collaborative cognitive and neuroimaging genetics project', *Schizophrenia Research*, 195 (2018), 306-317 [G.A.M. Blokland, E.C. del Re, R.I. Mesholam-Gately (...), M. Gill *et al.*]
- 'Prefrontal cortical thinning links to negative symptoms in schizophrenia', *Psychological Medicine*, 48, 1 (2018), 82-94 [E. Walton, D.P. Hibar, T.G.M. Van Erp (...), M. Gill *et al.*]
- 'Estimation of genetic correlation via linkage disequilibrium score regression and genomic restricted maximum likelihood', *American Journal of Human Genetics*, 102, 6 (2018), 1185-1194 [G. Ni, G. Moser, S. Ripke (...), E. Sigurdsson, Sila]
- 'Effects of MiR-137 genetic risk score on brain volume and cortical measures in patients with schizophrenia and controls', *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics*, 177, 3 (2018), 369-376 [D. Cosgrove, D.O. Mothersill, L. Whitton (...), M. Gill *et al.*]
- 'Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function', *Nature Communications*, 9, 1 (2018), 2098 [G. Davies, M. Lam, S.E. Harris (...), M. Gill *et al.*]
- 'Improving genetic prediction by leveraging genetic correlations among human diseases and traits', *Nature Communications*, 9, 1 (2018), <http://hdl.handle.net/2262/83843> [R.M. Maier, Z. Zhu, S.H. Lee (...), M. Gill *et al.*]
- 'A correction for sample overlap in genome-wide association studies in a polygenic pleiotropy-informed framework', *BMC Genomics*, 19, 1 (2018), 494 [M. LeBlanc, V. Zuber, W.K. Thompson (...), E.M. Scolnick, Scot]
- 'Age at first birth in women is genetically associated with increased risk of schizophrenia', *Scientific Reports*, 8, 1 (2018), <http://hdl.handle.net/2262/83842> [G. Ni, J. Gratten, N.R. Wray (...), J. Shi, Sigurdsson]
- 'Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence', *Nature Genetics*, 50, 7 (2018), 912-919 [J.E. Savage, P.R. Jansen, S. Stringer (...), M. Gill *et al.*]
- 'Multi-trait analysis of GWAS and biological insights into cognition: a response to Hill (2018)', *Twin Research and Human Genetics* (2018), 1-4 [M. Lam, J.W. Trampush, J. Yu (...), M. Gill *et al.*]
- 'Genomic dissection of bipolar disorder and schizophrenia, including 28 subphenotypes', *Cell*, 173, 7 (2018), 1705-1715.e16 [D.M. Ruderfer, S. Ripke, A. McQuillin (...), M. Gill *et al.*]
- 'Does childhood trauma moderate polygenic risk for depression? A meta-analysis of 5765 subjects from the psychiatric genomics consortium', *Biological Psychiatry*, 84, 2 (2018), 138-147 [W.J. Peyrot, S. Van der Auwera, Y. Milaneschi (...), M. Gill *et al.*]

Recent publications – Faculty of Health Sciences

- 'A genetic investigation of sex bias in the prevalence of attention-deficit/hyperactivity disorder', *Biological Psychiatry*, 83, 12 (2018), 1044-1053 [J. Martin, R.K. Walters, D. Demontis (...), M. Gill *et al.*]
- 'Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA schizophrenia DTI working group', *Molecular Psychiatry*, 23, 5 (2018), 1261-1269 [S. Kelly, N. Jahanshad, A. Zalesky (...), M. Gill *et al.*]
- 'Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression', *Nature Genetics*, 50, 5 (2018), 668-681 [N.R. Wray, S. Ripke, M. Mattheisen (...), M. Gill *et al.*]
- 'Psychiatric genomics: an update and an agenda', *American Journal of Psychiatry*, 175, 1 (2018), 15-27 [P.F. Sullivan, A. Agrawal, C.M. Bulik (...), M. Gill *et al.*]
- Kelly, Brendan**, 'Community-based, cross sectional study of self-reported health in post-recession Ireland: what has changed?', *QJM: An International Journal of Medicine.*, 111, 8 (2018), 555-559 [B.D. Kelly, G.M. Sorin, J.M. Barry, L. Whiston, E. Donnelly-Swift, C. Darker]
- 'A 25-year dynamic ecological analysis of psychiatric hospital admissions and prison committals: Penrose's hypothesis updated', *Irish Journal of Psychological Medicine*, (2018), <https://doi.org/10.1017/ipm.2018.40> [C.J. O'Neill, B.D. Kelly, H.G. Kennedy]
- 'Voter participation among people attending mental health services in Ireland', *Irish Journal of Medical Science*, (2018), <https://doi.org/10.1007/s11845-018-1921-z> [B.D. Kelly, M. Nash]
- 'India's Mental Healthcare Act, 2017: content, context, controversy', *International Journal of Law and Psychiatry*, (2018), <https://doi.org/10.1016/j.ijlp.2018.08.002> [R.M. Duffy, B.D. Kelly]
- 'Who can decide? Prevalence of mental incapacity for treatment decisions in medical and surgical hospital inpatients in Ireland', *QJM*, (2018), <https://doi.org/10.1093/qjmed/hcy219> [R. Murphy, S. Fleming, A. Curley, R.M. Duffy, B.D. Kelly]
- 'Diversion of mentally ill offenders from the criminal justice system in Ireland: comparison with England and Wales', *Irish Medical Journal*, 111, 3 (2018), 719-719 [G. Gulati, B.D. Kelly]
- 'New legislation, new frontiers: Indian psychiatrists' perspective of the mental healthcare act 2017 prior to implementation', *Indian Journal of Psychiatry*, 60, 3 (2018), 351-354 [R.M. Duffy, C.L. Narayan, N. Goyal, B.D. Kelly]
- 'Forgiveness, spirituality and love: thematic analysis of last statements from Death Row, Texas (2002-17)', *QJM*, 111, 6 (2018), 399-403 [S.R. Foley, B.D. Kelly]
- 'Guided reflection interventions show no effect on diagnostic accuracy in medical students', *Frontiers in Psychology*, 9 (2018), 2297-2297 [K.A. Lambe, D. Hevey, B.D. Kelly]
- 'Does involuntary admission with bipolar disorder differ from involuntary admission with schizophrenia and related disorders? A report from the Dublin Involuntary Admission Study (DIAS)', *Journal of Psychiatric Practice*, 24, 3 (2018), 209-216 [B.D. Kelly, E. Umama-Agada, A. Curley, R.M. Duffy, M. Asghar, J. Gilhooley]
- 'Variations in involuntary admission rates at three psychiatry centres in the Dublin Involuntary Admission Study (DIAS): can the differences be explained?', *International Journal of Law and Psychiatry*, 57 (2018), 17-23 [E. Umama-Agada, M. Asghar, A. Curley, J. Gilhooley, R.M. Duffy, B.D. Kelly]
- 'Involuntary psychiatric admission based on risk rather than need for treatment: report from the Dublin Involuntary Admission Study (DIAS)', *Irish Medical Journal*, 111, 4 (2018), 736-736 [B.D. Kelly, A. Curley, R.M. Duffy]
- 'Psychiatric symptoms in preclinical behavioral-variant frontotemporal dementia in MAPT mutation carriers', *Journal of Neurology, Neurosurgery and Psychiatry*, 89, 5 (2018), 449-455 [G. Cheran, H. Silverman, M. Manoochchri (...), B.D. Kelly *et al.*]
- 'Dr Eveleen O'Brien (1901-1981)', *Irish Journal of Medical Science*, (2018), <https://doi.org/10.1007/s11845-018-1905-z> [A.K. O'Callaghan, B.D. Kelly]

Recent publications – Faculty of Health Sciences

- 'Mental capacity and deprivation of liberty in Ireland: where next?', *Medico-Legal Journal of Ireland*, 24, 1 (2018), 5-14 [B.D. Kelly]
- 'Return of the asylum', *British Journal of Psychiatry*, 212, 2 (2018), 69-70 [J. Gilhooley, B.D. Kelly]
- 'Analysis of last statements prior to execution: methods, themes and future directions', *QJM*, 111, 1 (2018), 3-6 [B.D. Kelly, S.R. Foley]
- 'Psychiatry in history: James Foulis Duncan (1812-1895)', *British Journal of Psychiatry*, 210, 2 (2017), 118-118 [Kelly, B.D.]
- 'Globalization, social stressors and psychiatry', *Textbook of cultural psychiatry (second edition)*, eds D. Bhugra and K. Bhui, Cambridge, Cambridge University Press (2018), 607-617
- 'Psychology and cultural psychiatry', *Textbook of cultural psychiatry (second edition)*, eds D. Bhugra, K. Bhui, Cambridge, Cambridge University Press (2018), 44-58 [M. MacLachlan, S. McGee, B.D. Kelly, F. Larkan]
- 'Mental incapacity for treatment decisions: where do doctors stand?', *Irish Medical Journal*, 111, 10 (2018), 833 [B.D. Kelly, R. Murphy, A. Curley, R.M. Duffy, S. Fleming]
- 'Can epilepsy care in psychiatric settings be improved? Results from an Irish multicentre study', *General Hospital Psychiatry*, (2018), <https://doi.org/10.1016/j.genhosppsych.2018.11.010> [V. Murphy, G. Gulati, H.P. O'Connell (...), B.D. Kelly et al.]
- Kennedy, Harry**, 'Moral cognition and homicide amongst forensic patients with schizophrenia and schizoaffective disorder: a cross-sectional cohort study', *Schizophrenia Research*, 193 (2018), 468-469 [K. O'Reilly, P. O'Connell, A. Corvin (...), M. Richter, H. Kennedy]
- 'The recovery of factors associated with decision-making capacity in individuals with psychosis', *BJPsych Open*, 3, 03 (2017), 113-119 [Colin Fernandez, Harry G. Kennedy, Miriam Kennedy]
- 'Impact of service organisation on teaching and training', *Forensic Psychiatry and Psychology in Europe* (2018), 211-237 [Harry Kennedy, Luca Castelletti, Owen O'Sullivan]
- McCarthy-Jones, Simon**, 'Occurrence and co-occurrence of hallucinations by modality in schizophrenia-spectrum disorders', *Psychiatry Research*, 252 (2017), 154-160 [S. McCarthy-Jones, D. Smailes, A. Corvin (...), G. Donohoe, R. Dudley]
- 'Genetically predicted complement component 4A expression: effects on memory function and middle temporal lobe activation', *Psychological Medicine* (2018), 1-10 [G. Donohoe, J. Holland, D. Mothersill (...), S. McCarthy-Jones et al.]
- 'The tangled roots of inner speech, voices and delusions', *Psychiatry Research*, 264 (2018), 281-289 [C. Rosen, S. McCarthy-Jones, K.A. Chase, C.S. Humpston, J.K. Melbourne, L. Kling, R.P. Sharma]
- 'Characterizing white matter changes in chronic schizophrenia: a free-water imaging multi-site study', *Schizophrenia research*, 189 (2017), 153-161 [L.K.L. Oestreich, A.E. Lyall, O. Pasternak (...), T.J. Whitford, S. McCarthy-Jones]
- 'Post-traumatic symptomatology and compulsions as potential mediators of the relation between child sexual abuse and auditory verbal hallucinations', *Behavioural and Cognitive Psychotherapy*, 46, 3 (2018), 318-331 [S. McCarthy-Jones]
- 'Childhood adversity associated with white matter alteration in the corpus callosum, corona radiata, and uncinate fasciculus of psychiatrically healthy adults', *Brain Imaging and Behavior*, 12, 2 (2018), 449-458 [S. McCarthy-Jones, L.K.L. Oestreich, A.E. Lyall (...), T.J. Whitford, Australian Schizophrenia Research Bank]
- 'Negative voice-content as a full mediator of a relation between childhood adversity and distress ensuing from hearing voices', *Schizophrenia Research* (2018), <http://dx.doi.org/10.1016/j.schres.2018.03.030> [C. Rosen, S. McCarthy-Jones, N. Jones, K.A. Chase, R.P. Sharma]

Recent publications – Faculty of Health Sciences

- 'Echoes of others: a path analytic examination of an interpersonal-cognitive model of voice-related distress', *Psychology and Psychotherapy*, 90, 4 (2017), 617-632 [E.R. Cole, C. Strauss, C. Fife-Schaw, S. McCarthy-Jones]
- 'Is shame hallucinogenic?', *Frontiers in Psychology*, 8 (2017), 1310 [S. McCarthy-Jones]
- 'Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA schizophrenia DTI working group', *Molecular Psychiatry*, 23, 5 (2018), 1261-1269 [S. Kelly, N. Jahanshad, A. Zalesky (...), S. McCarthy-Jones et al.]
- 'Associations between forced and 'persuaded' first intercourse and later health outcomes in women', *Violence against women* (2018), doi.org/10.1177/1077801218793223 [S. McCarthy-Jones, A. Bulfin, E. Nixon, V. O'Keane, I. Bacik, R. McElvaney]
- 'The ice in voices: understanding negative content in auditory-verbal hallucinations', *Clinical Psychology Review*, 67 (2019), 1-10 [F. Larøi, N. Thomas, A. Aleman, C. Fernyhough, S. Wilkinson, F. Deamer, S. McCarthy-Jones]
- 'The varieties of inner speech questionnaire - revised (VISQ-R): replicating and refining links between inner speech and psychopathology', *Consciousness and Cognition*, 65 (2018), 48-58 [B. Alderson-Day, K. Mitrenga, S. Wilkinson, S. McCarthy-Jones, C. Fernyhough]
- 'Prevalence and characteristics of multi-modal hallucinations in people with psychosis who experience visual hallucinations', *Psychiatry Research*, 269 (2018), 25-30 [R. Dudley, C. Aynsworth, R. Cheetham, S. McCarthy-Jones, D. Collerton]
- 'Paracingulate sulcus morphology and hallucinations in clinical and nonclinical groups', *Schizophrenia Bulletin* (2018), <http://dx.doi.org/10.1093/schbul/sby157> [J.R. Garrison, C. Fernyhough, S. McCarthy-Jones, J.S. Simons, I.E.C. Sommer]
- 'A comparison of visual hallucinations across disorders', *Psychiatry Research*, 272 (2018), 86-92 [R. Dudley, C. Aynsworth, U. Mosimann, J.P. Taylor, D. Smailes, D. Collerton, S. McCarthy-Jones, P. Urwyler]
- McLoughlin, Declan**, 'Ketamine versus midazolam for depression relapse prevention following successful electroconvulsive therapy: a randomized controlled pilot trial', *Journal of ECT* (2018), <http://dx.doi.org/10.1097/YCT.0000000000000560> [M. Finnegan, T. Galligan, K. Ryan, E. Shanahan, A. Harkin, L. Daly, D.M. McLoughlin]
- 'I know not 'seems-', *Australian and New Zealand Journal of Psychiatry* (2018), 000486741877290 [Declan M. McLoughlin]
- 'Kynurenine pathway metabolism and the neurobiology of treatment-resistant depression: comparison of multiple ketamine infusions and electroconvulsive therapy', *Journal of Psychiatric Research*, 100 (2018), 24-32 [A.P. Allen, M. Naughton, J. Dowling, A. Walsh, R. O'Shea, G. Shorten, L. Scott, D.M. McLoughlin, J.F. Cryan, G. Clarke, T.G. Dinan]
- 'Peripheral blood SIRT1 mRNA levels in depression and treatment with electroconvulsive therapy', *European Neuropsychopharmacology*, 28, 9 (2018), 1015-1023 [Claire L. McGrory, Karen M. Ryan, Erik Kolshus, Martha Finnegan, Declan M. McLoughlin]
- 'Should we stop using electroconvulsive therapy?', *BMJ Clinical Research Edition*, 364 (2019), k5233 [J. Read, S. Cunliffe, S. Jauhar, D.M. McLoughlin]
- 'Peroxisome proliferator-activated receptor gamma co-activator-1 alpha in depression and the response to electroconvulsive therapy', *Psychological Medicine* (2018), 1-10 [K.M. Ryan, I. Patterson, D.M. McLoughlin]
- 'From molecules to mind: mechanisms of action of electroconvulsive therapy', *Acta Psychiatrica Scandinavica*, 138, 3 (2018), 177-179 [K.M. Ryan, D.M. McLoughlin]
- Nakagome, Shigeki**, 'Genetics of schizophrenia: ready to translate?', *Current Psychiatry Reports*, 19, 9 (2017), 61 [C. Foley, A. Corvin, S. Nakagome]

Recent publications – Faculty of Health Sciences

- 'An ancestral haplotype of the human PERIOD2 gene associates with reduced sensitivity to light-induced melatonin suppression', *PLOS ONE*, 12, 6 (2017), e0178373 [T. Akiyama, T. Katsumura, S. Nakagome (...), S. Higuchi, H. Oota]
- 'The prehistoric peopling of Southeast Asia', *Science*, 361 (2018), 88-92 [H. McColl, F. Racimo, L. Vinner (...), S. Nakagome *et al.*]
- 'Fine-tuning of approximate Bayesian computation for human population genomics', *Current Opinion in Genetics and Development*, 53 (2018), 60-69 [N.P. Cooke, S. Nakagome]
- 'Rapid evolution of a skin-lightening allele in southern African KhoeSan', *Proceedings of the National Academy of Sciences of the United States of America*, 115, 52 (2018), 13324-13329 [M. Lin, R.L. Siford, A.R. Martin, S. Nakagome, M. Möller, E.G. Hoal, C.D. Bustamante C.R. Gignoux, B.M. Henn]
- 'Inferring the model and onset of natural selection under varying population size from the site frequency spectrum and haplotype structure', *Proceedings of the Royal Society B: Biological Sciences*, 286 (2019), 20182541 [S. Nakagome, R.R. Hudson, A. Di Rienzo]
- Power, Patrick*, 'Outcome and recovery in first episode psychosis', *British Journal of Psychiatry*, 211, 6 (2017), 331-333 [P. Power]
- Tropea, Daniela*, 'Mechanisms underlying the role of DISC1 in synaptic plasticity', *Journal of Physiology*, 596, 14 (2018), 2747-2771 [D. Tropea, N. Hardingham, K. Millar, K. Fox]
- 'Clinical and genetic Rett syndrome variants are defined by stable electrophysiological profiles', *BMC Pediatrics*, 18, 1 (2018), 333-348 [C. Keogh, G. Pini, A. H. Dyer, S. Bigoni, P. DiMarco, I. Gemo, R. Reilly, D. Tropea]
- 'Transcriptome level analysis in Rett syndrome using human samples from different tissues', *Orphanet Journal of Rare Diseases*, 13, 1 (2018), 113-128 [S. Shovlin, D. Tropea]
- PUBLIC HEALTH AND PRIMARY CARE
- Barry, Joseph*, 'Participation of patients and family members in healthcare services at the service and national levels: a lesson learned in Dublin, Ireland', *Patient Education and Counselling*, 100, 3 (2017), 583-591 [L. Whiston, Joe M. Barry, C.D. Darker]
- 'A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients', *Drug and Alcohol Review*, 37, S1 (2018), 339-347 [J.H. Ivers, L. Zgaga, B. Sweeney, E. Keenan, C. Darker, B.P. Smyth, J. Barry]
- 'Community-based, cross sectional study of self-reported health in post-recession Ireland: what has changed?', *QJM: An International Journal of Medicine.*, 111, 8 (2018), 555-559 [B.D. Kelly, G.M. Sorin, J.M. Barry, L. Whiston, E. Donnelly-Swift, C. Darker]
- 'The barriers and facilitators to the implementation of national clinical programmes in Ireland: using the MRC framework for process evaluations', *BMC Health Services Research*, 18, 733 (2018), <http://hdl.handle.net/2262/85100> [C.D. Darker, G.H. Nicolson, A. Carroll, J. Barry]
- 'A systematic review of the relationship between staff perceptions of organizational readiness to change and the process of innovation adoption in substance misuse treatment programs', *Journal of Substance Abuse Treatment*, 80 (2017), 6-25 [P. Kelly, J. Hegarty, J. Barry, K.R. Dyer, A. Horgan]
- 'A longitudinal qualitative analysis of the lived experience of the recovery process in opioid-dependent patients post-detoxification', *Journal of Psychoactive Drugs*, 50, 3 (2018), 231-239 [J.H. Ivers, F. Larkan, J. Barry]
- 'Preferred intensity and implementation of patient and family participation in an outpatient psychiatric service and an outpatient type 2 diabetes service', *International Journal of Integrated Care*, 17, 5 (2017), 5 [Lucy Whiston, Joe Barry, Catherine Darker]

Recent publications – Faculty of Health Sciences

- Barry, Sarah**, 'Ireland's health care system and the crisis: a case study in the struggle for a capable welfare state', *Anais do Instituto de Medicina Tropical*, 17, 1 (2018), 27-36 [Steve Thomas, Sarah Barry, Bridget Johnston, Sara Burke]
- Burke, Sara**, 'It's the economy, stupid! When economics and politics override health policy goals - the case of tax reliefs to build private hospitals in Ireland in the early 2000s', *HRB Open Research*, 1, 1 (2018), 10.12688/hrbopenres.12784.1 [S. Burke, R. Brugha, S. Thomas]
'Ireland's health care system and the crisis: a case study in the struggle for a capable welfare state', *Anais do Instituto de Medicina Tropical*, 17, 1 (2018), 27-36 [Steve Thomas, Sarah Barry, Bridget Johnston, Sara Burke]
- Darker, Catherine**, 'Patient acceptability and experiences of therapeutic switching of proton pump inhibitors within the national preferred drugs initiative in Ireland', *Irish Journal of Medical Science*, 186, 3 (2017), 631-639 [G. O'Connor, D.O. O'Keefe, C. Darker, B. O'Shea]
'A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients', *Drug and Alcohol Review*, 37, S1 (2018), 339-347 [J.H. Ivers, L. Zgaga, B. Sweeney, E. Keenan, C. Darker, B.P. Smyth, J. Barry]
'Is the urban child health advantage declining in Malawi?: Evidence from demographic and health surveys and multiple indicator cluster surveys', *Journal of Urban Health*, (2018), 1-14 [E.A. Lungu, R. Biesma, M. Chirwa, C. Darker.]
'Community-based, cross sectional study of self-reported health in post-recession Ireland: what has changed?', *QJM: An International Journal of Medicine.*, 111, 8 (2018), 555-559 [B.D. Kelly, G.M. Sorin, J.M., Barry, L. Whiston, E. Donnelly-Swift, C. Darker]
'Risk perception', *Encyclopaedia of behavioral medicine*, eds M.D. Gellman and J.R. Turner, New York, USA, Springer (2018), https://doi.org/10.1007/978-1-4614-6439-6_866-3 [C. Darker, A. Phillips]
'The barriers and facilitators to the implementation of national clinical programmes in Ireland: using the MRC framework for process evaluations', *BMC Health Services Research*, 18, 733 (2018), <http://hdl.handle.net/2262/85100> [C.D. Darker, G.H. Nicolson, A. Carroll, J. Barry]
'A cross-sectional, face-to-face, community survey of mental health and deprivation in post-recession Ireland: a rising tide lifts all boats?', *Irish Journal of Psychological Medicine*(2019), 1-12 [G.M. Sorin, C. Darker, L. Whiston, A. O'Callaghan, J.M. Barry, B.D. Kelly]
'eHealth-based intervention to increase physical activity levels in people with cancer: protocol of a feasibility trial in an Irish acute hospital setting', *BMJ Open*, 9, 3 (2019), e024999 [C. Haberlin, J. Broderick, E. Guinan, C.D. Darker, J. Hussey, D.M. O'Donnell]
- Hayes, Catherine**, 'Health care utilisation by bullying victims: a cross-sectional study of a 9-year-old cohort in Ireland', *Healthcare*, 6, 1 (2018), 19 [C. Hayes, D. Kelly, C. Taut, E. Nixon, L. Zgaga, J. Williams, T. O'Dowd, U. Reulbach]
'Intervention fidelity within trials of infant feeding behavioural interventions to prevent childhood obesity: a systematic review', *Annals of Behavioral Medicine*, 53, 1 (2019), 75-97 [E. Toomey, K. Matvienko-Sikar, C. Heary (...), C.B. Hayes *et al.*]
'Barriers and facilitators to implementation of menu labelling interventions to support healthy food choices: a mixed methods systematic review protocol', *Systematic Reviews. SYSR-D-17-00402R1* (2018), <http://dx.doi.org/10.1186/s13643-018-0752-3> [C. Kerins, J. McSharry, C.B. Hayes, I.J. Perry, F. Geaney, C. Kelly]
'Antibiotic use in early childhood and risk of obesity: longitudinal analysis of a national cohort', *World Journal of Pediatrics* (2019), <http://dx.doi.org/10.1007/s12519-018-00223-1> [D. Kelly, A. Kelly, T. O'Dowd, C.B. Hayes]
'Barriers and facilitators to adoption, implementation and sustainment of obesity prevention interventions in schoolchildren - a DEDIPAC case study', *BMC Public Health*, 19, 198 (2019), <http://dx.doi.org/10.1186/s12889-018-6368-7> [C.B. Hayes, M.P. O'Shea, C. Foley-Nolan, M. McCarthy, J. Harrington]

Recent publications – Faculty of Health Sciences

- Ivers, Jo-Hanna, 'A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients', *Drug and Alcohol Review*, 37, S1 (2018), 339-347 [J.H. Ivers, L. Zgaga, B. Sweeney, E. Keenan, C. Darker, B.P. Smyth, J. Barry]
- 'Progressive white matter impairment as a predictor of outcome in a cohort of opioid-dependent patient's post-detoxification', *Addiction Biology*, 23, 1 (2018), 304-312 [Jo-Hanna Ivers, Jacqueline Fitzgerald, Christopher Whelan, Brion Sweeney, Eamon Keenan, Andrew Fagan, Jason McMarrow, Jim Meany, Joe Barry, Thomas Frodl]
- 'A longitudinal qualitative analysis of the recovery process in opioid-dependent patients post-detoxification', *Journal of Psychoactive Drugs*, 50, 3 (2018), 231-239 [J.H. Ivers, F. Larkan, J. Barry]
- 'Faces of recovery ' Science Gallery Dublin (2018), [Jo-Hanna Ivers]
- Johnston, Bridget, 'Costs of formal and informal care in the last year of life for patients in receipt of specialist palliative care', *Palliative Medicine*, 31, 4 (2017), 356-368 [Aoife Brick, Samantha Smith, Charles Normand, Sinead O'Hara, Ella Tyrrell, Nathan Cunningham, Elsa Droog, Bridget Johnston]
- 'Social and clinical determinants of preferences and their achievement at the end of life: prospective cohort study of older adults receiving palliative care in three countries', *BMC Geriatrics*, 17, 1 (2017), 271 [Irene J. Higginson, Barbara A. Daveson, R. Sean Morrison (...), Bridget M. Johnston, Charles Normand]
- 'Slaintecare - a ten-year plan to achieve universal healthcare in Ireland', *Health Policy (Amsterdam, Netherlands)*, 122, 12 (2018), 1278-1282 [Burke Sara, Barry Sarah, Siersbaek Rikke, Johnston Bridget, Thomas Steve]
- 'Ireland's health care system and the crisis: a case study in the struggle for a capable welfare state', *Anais do Instituto de Medicina Tropical*, 17, 1 (2018), 27-36 [Steve Thomas, Sarah Barry, Bridget Johnston, Sara Burke]
- May, Peter, 'Does modality matter? Palliative care units associated with more cost-avoidance than consultations', *Journal of Pain and Symptom Management*, 55, 3 (2018), 766-774 [P. May, M.M. Garrido, E. Del Fabbro, D. Noreika, C. Normand, N. Skoro, J.B. Cassel]
- 'Economics of palliative care for hospitalized adults with serious illness: a meta-analysis', *JAMA Internal Medicine* (2018), <http://dx.doi.org/10.1001/jamainternmed.2018.0750> [P. May, C. Normand, J.B. Cassel, E. Del Fabbro, R.L. Fine, R. Menz, C.A. Morrison, J.D. Penrod, C. Robinson, R.S. Morrison]
- 'Economic outcomes in palliative and end-of-life care: current state of affairs', *Ann Palliat Med*, 7, 3 (2018), S244-S248 [P. May, J.B. Cassel]
- 'Evaluating hospital readmissions for persons with serious and complex illness: a competing risks approach', *Medical Care Research and Review: MCRR* (2019), 1077558718823919 [P. May, M.M. Garrido, E. Del Fabbro, D. Noreika, C. Normand, N. Skoro, J.B. Cassel]
- 'Financial aspects of inpatient palliative care', *Textbook on palliative care*, eds L. Van den Block and R. McLeod, Springer (2019), http://dx.doi.org/10.1007/978-3-319-31738-0_102-1 [P. May, R.S. Morrison]
- Normand, Charles, 'Does modality matter? palliative care units associated with more cost-avoidance than consultations', *Journal of Pain and Symptom Management*, 55, 3 (2018), 766-774 [P. May, M.M. Garrido, E. Del Fabbro, D. Noreika, C. Normand, N. Skoro, J.B. Cassel]
- 'Economics of palliative care for hospitalized adults with serious illness: a meta-analysis.', *JAMA Internal Medicine* (2018), <http://dx.doi.org/10.1001/jamainternmed.2018.0750> [P. May, C. Normand, J.B. Cassel, E. Del Fabbro, R.L. Fine, R. Menz, C.A. Morrison, J.D. Penrod, C. Robinson, R.S. Morrison]

Recent publications – Faculty of Health Sciences

- 'Healthcare use, costs and quality of life in patients with end-stage kidney disease receiving conservative management: results from a multi-centre observational study (PACKS)', *Palliative Medicine*, 32, 8 (2018), 1401-1409 [G. Phair, A. Agus, C. Normand, K. Brazil, A. Burns, P. Roderick A.P. Maxwell, C. Thompson, M. Yaqoob, H. Noble]
- 'Evaluating hospital readmissions for persons with serious and complex illness: a competing risks approach', *Medical Care Research and Review: MCRR* (2019), 1077558718823919 [P. May, M.M. Garrido, E. Del Fabbro, D. Noreika, C. Normand, N. Skoro, J.B. Cassel]
- Owuor, John, 'Does assistive technology contribute to social inclusion for people with intellectual disability? A systematic review protocol', *BMJ* (2018), 10.1136/bmjopen-2017-017533 [J. Owuor, F. Larkin, B. Kayabu, G. Fitzgerald, G. Sheaf, J. Dinsmore, R. McConke, M. Clarke, M. MacLachlan]
- Reid, Alexander, 'Screening for latent tuberculosis in UK health care workers', *Occupational Medicine*, 68, 1 (2018), 72-72 [Sarah Kelly, Peter Noone, Alex Reid]
- Smyth, Bobby, 'A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients', *Drug and Alcohol Review*, 37, S1 (2018), 339-347 [J.H. Ivers, L. Zgaga, B. Sweeney, E. Keenan, C. Darker, B.P. Smyth, J. Barry]
- Thomas, Stephen, 'It's the economy, stupid! When economics and politics override health policy goals - the case of tax reliefs to build private hospitals in Ireland in the early 2000s', *HRB Open Research*, 1, 1 (2018), 10.12688/hrbopenres.12784.1 [S. Burke, R. Brugha, S. Thomas]
- 'Switching benefits and costs in the Irish health insurance market: an analysis of consumer surveys', *International Journal of Health Economics and Management* (2018), <http://hdl.handle.net/2262/82882> [Conor Keegan, Conor Teljeur, Brian Turner, Steve Thomas]
- 'The Irish health system and the crisis: a case study in the struggle for the capacity of the social state', *Annals of the Institute of Hygiene and Tropical Medicine*, 17, 1 (2018), 27-36 [Steve Thomas, Sarah Barry, Bridget Johnston, Sara Burke]
- 'Ireland's health care system and the crisis: a case study in the struggle for a capable welfare state', *Anais do Instituto de Medicina Tropical*, 17, 1 (2018), 27-36 [Steve Thomas, Sarah Barry, Bridget Johnston, Sara Burke]
- Zgaga, Lina, 'Pre-diagnostic statin use, lymph node status and mortality in women with stages I-III breast cancer', *Br J Cancer*, 117, 4 (2018), 588-596 [A. Smith, L. Murphy, L. Zgaga, T.I. Barron, K. Bennett]
- 'Mapping and modelling radon for radiation protection and improved health', *71st Geological Congress of Turkey*, METU, Ankara (2018), 927-927 [Q. Crowley, J. Elío, R. Scanlon, J. Hodgson, S. Long, L. Zgaga]
- 'Health care utilisation by bullying victims: a cross-sectional study of a 9-year-old cohort in Ireland', *Healthcare*, 6, 1 (2018), 19 [C. Hayes, D. Kelly, C. Taut, E. Nixon, L. Zgaga, J. Williams, T. O'Dowd, U. Reulbach]
- 'A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients', *Drug and Alcohol Review*, 37, S1 (2018), 339-347 [J.H. Ivers, L. Zgaga, B. Sweeney, E. Keenan, C. Darker, B.P. Smyth, J. Barry]
- 'Urinary soluble CD163 and monocyte chemoattractant protein-1 in the identification of subtle renal flare in anti-neutrophil cytoplasmic antibody-associated vasculitis', *Nephrology Dialysis Transplantation* (2018), 1-9 [S.M. Moran, P.A. Monach, L. Zgaga (...), P.A. Merkel, M.A. Little]
- 'Sunshine is an important determinant of vitamin D status even among high-dose supplement users: secondary analysis of a randomised controlled trial in Crohn's disease patients', *Photochemistry and Photobiology*, Jan 16 (2019), Epub [F. O'Sullivan, T. Raftery, M. van Weele (...), M. O'Sullivan, L. Zgaga]

Recent publications – Faculty of Health Sciences

- 'Trends in vitamin D supplement use in a general female and breast cancer population in Ireland: a repeated cross-sectional study', *PLoS ONE*, 13, 12 (2018), e0209033 [J.M. Madden, M.J. Duffy, L. Zgaga, K. Bennett]
- 'De novo vitamin D supplement use post-diagnosis is associated with breast cancer survival', *Breast Cancer Research and Treatment*, 172, 1 (2018), 179-190 [J.M. Madden, L. Murphy, L. Zgaga, K. Bennett]
- 'Free children's visits and general practice attendance', *Annals of Family Medicine*, 16, 3 (2018), 246-249 [M.E. O'Callaghan, L. Zgaga, D. O'Ciardha, T. O'Dowd]
- 'Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study', *BMC medicine*, 16, 1 (2018), 142 [Y. He, M. Timofeeva, S.M. Farrington (...), L. Zgaga *et al.*]
- 'Annual ambient UVB at wavelengths that induce vitamin D synthesis is associated with reduced esophageal and gastric cancer risk: a nested case-control study', *Photochemistry and Photobiology*, 94, 4 (2018), 797-806 [F. O'Sullivan, J. van Geffen, M. van Weele, L. Zgaga]
- 'Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels', *Nature Communications*, 9, 1 (2018), 260 [X. Jiang, P.F. O'Reilly, H. Aschard (...), L. Zgaga *et al.*]
- '25-hydroxyvitamin D measurement in human hair: results from a proof-of-concept study', *Nutrients*, 11, 2 (2019), 423 [L. Zgaga, E. Laird, M. Healy]

RADIATION THERAPY

- Barrett, Sarah**, 'An overview on personalisation of radiotherapy prescriptions in locally advanced non-small cell lung cancer: are we there yet?', *Radiotherapy and Oncology*, 128, 3 (2018), 520-533 [Sarah Barrett, Gerard G. Hanna, Laure Marignol]
- 'A review of automatic lung tumour segmentation in the era of 4DCT will be published in reports of practical oncology and radiotherapy', *Reports of Practical Oncology and Radiotherapy*, 24, 2 (2019), 208-220 [Nadine Wong Yuzhen, Sarah Barrett]
- Bryant, Jane**, 'Prediction of DNA damage and G2 chromosomal radio-sensitivity ex-vivo in peripheral blood mononuclear cells with label-free Raman micro-spectroscopy', *International Journal of Radiation Biology* (2018), <http://dx.doi.org/10.1080/09553002.2018.1451006> [A.D. Meade, A. Maguire, J. Bryant (...), O. Howe, F.M. Lyng]
- 'Development of a high throughput (HT) Raman spectroscopy method for rapid screening of liquid blood plasma from prostate cancer patients', *The Analyst*, 142, 8 (2017), 1216-1226 [Dinesh K.R. Medipally, Adrian Maguire, Jane Bryant, John Armstrong, Mary Dunne, Marie Finn, Fiona M. Lyng, Aidan D. Meade]
- 'Differentiating responses of lung cancer cell lines to doxorubicin exposure: in vitro Raman micro spectroscopy, oxidative stress and bcl-2 protein expression', *Journal of Biophotonics* (2017), 151-165 [Z. Farhane, F. Bonnier, M.A. Maher, J. Bryant, A. Casey, H.J. Byrne]
- Coffey, Mary**, 'Introduction to the ESTRO European qualifications framework (EQF) 7 and 8: benchmarking radiation therapist (RTT) advanced education', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 19-21 [M. Coffey, M. Leech]
- 'The European society of radiotherapy and oncology (ESTRO) European higher education Area levels 7 and 8 postgraduate benchmarking document for Radiation Therapists (RTTs)', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 22-40 [M. Coffey, M. Leech]
- 'A review of the best practice in radiation oncology project from 2008 to 2018', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 3-7 [M. Coffey, E. Rosenblatt, G. Vandeveld, A. Osztavics, D. Pasini, P. Scherer, C. Dickie, V. Karadza, V. Van Egten, M. Leech]

Recent publications – Faculty of Health Sciences

Leech, Michelle, 'Assessment and management of radiotherapy induced toxicity in older patients', *Journal of Geriatric Oncology*, 8, 6 (2017), 421-427 [A. O'Donovan, M. Leech, C. Gillham]

'Introduction to the ESTRO European qualifications framework (EQF) 7 and 8: benchmarking radiation therapist (RTT) advanced education', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 19-21 [M. Coffey, M. Leech]

'A review of plan library approaches in adaptive radiotherapy of bladder cancer', *Acta Oncologica (Stockholm, Sweden)*, 57, 5 (2018), 566-573 [S.D. Collins, M.M. Leech]

'The European society of radiotherapy and oncology (ESTRO) European higher education area levels 7 and 8 postgraduate benchmarking document for Radiation Therapists (RTTs)', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 22-40 [M. Coffey, M. Leech]

'A review of the best practice in radiation oncology project from 2008 to 2018', *Technical Innovations and Patient Support in Radiation Oncology*, 8 (2018), 3-7 [M. Coffey, E. Rosenblatt, G. Vandeveld, A. Osztvics, D. Pasini, P. Scherer, C. Dickie, V. Karadza, V. Van Egten, M. Leech]

'PET/CT-guided radiotherapy planning in prostate cancer', *Prostate cancer imaging and therapy a technologist's guide*, ed Luca Camoni, Vienna, Austria, European Association of Nuclear Medicine (2018), 73-82 [Yat Man Tsang, Michelle Leech]

Marignol, Laure, 'Predicting treatment outcomes: the case for hypoxia gene signatures', *EBioMedicine* (2018), <http://dx.doi.org/10.1016/j.ebiom.2018.05.016> [L. Marignol]

'Nomograms are key decision making tools in prostate cancer radiation therapy', *Urologic Oncology: Seminars and Original Investigations*, 36, 6 (2018), 283-292 [Sarah Caulfield, Laure Marignol, Gerard Menezes, Claire Poole]

Menezes, Gerard, 'Nomograms are key decision making tools in prostate cancer radiation therapy', *Urologic Oncology: Seminars and Original Investigations*, 36, 6 (2018), 283-292 [Sarah Caulfield, Laure Marignol, Gerard Menezes, Claire Poole]

Mullaney, Laura, 'Establishment of national diagnostic reference levels (DRLs) for radiotherapy localisation computer tomography of the head and neck', *Reports of Practical Oncology and Radiotherapy*, 23, 5 (2018), 407-412 [C. Clerkin, S. Brennan, L.M. Mullaney]

'Radiation therapists' compliance to a palliative imaging protocol: a case report', *Journal of Radiotherapy in Practice*, 17, 2 (2018), 253-256 [J. Cvetkova, T. O'Donovan, A. Craig, L. Mullaney]

'Learning radiation oncology in Europe: results of the ESTRO multidisciplinary survey', *Clinical and Translational Radiation Oncology*, 9 (2018), 61-67 [Jean-Emmanuel Bibault, Pierfrancesco Franco, Gerben Borst (...), Laura Mullaney et al.]

O'Donovan, Anita, 'Failure mode and effects analysis in a paperless radiotherapy department', *Journal of Medical Imaging and Radiation Oncology* (2018), <http://dx.doi.org/10.1111/1754-9485.12762> [H. Frewen, E. Brown, M. Jenkins, A. O'Donovan]

'Addressing treatment-related sexual side effects among cancer patients: sub-optimal practice in radiation therapy', *European Journal of Cancer Care* (2019), <http://dx.doi.org/10.1111/ecc.13006> [Orlaith Lynch, Anita O'Donovan, Patrick Murphy]

Poole, Claire, 'Nomograms are key decision-making tools in prostate cancer radiation therapy', *Urologic Oncology: Seminars and Original Investigations*, 36 (2018), 283-292 [Sarah Caulfield, Gerard Menezes, Laure Marignol, Claire Poole]

SURGERY

Butler, Joseph, 'Risk factors for adverse cardiac events following lumbar spine fusion.', *International Journal of Spine Surgery*, 12, 5 (2018), 638-643 [I.D. Kaye, S.C. Wagner, J.S. Butler, A. Sebastian, P.B. Morrissey, C. Kepler]

Recent publications – Faculty of Health Sciences

- 'Surgical treatment of ossification of the posterior longitudinal ligament', *Contemporary Spine Surgery*, 19, 10 (2018), 1-8 [J.S. Butler, M. Lendner, T. Fang, A.R. Vaccaro]
- 'Should non-steroidal anti-inflammatory drugs be contraindicated in the perioperative period after spinal fusion surgery?', *Clinical Spine Surgery*, 31, 6 (2018), 223-224 [P.K. Venkatesh, P.A. MacSuibhne, J.S. Butler]
- 'Should TLIF be routinely used in a 60-year-old male with a degenerative spondylolisthesis?', *Clinical Spine Surgery*, 30, 10 (2018), 429-432 [A.S. Sebastian, J.A. Rihn, S.C. Wagner, J.S. Butler, C.K. Kepler]
- 'Intraoperative pedicle screw navigation does not significantly affect complication rates after spine surgery', *Journal of Clinical Neuroscience*, 47 (2018), 198-201 [S.C. Wagner, P.B. Morrissey, I.D. Kaye, A. Sebastian, J.S. Butler, C.K. Kepler]
- 'Risk factors for and complications after surgical delay in elective single-level lumbar fusion', *Spine (Phila Pa 1976)*, 43, 3 (2018), 228-233 [S.C. Wagner, J.S. Butler, I.D. Kaye, A. Sebastian, P.B. Morrissey, C. Kepler]
- 'The evolution of current research impact metrics: from bibliometrics to altmetrics?', *Clinical Spine Surgery*, 30, 5 (2018), 226-228 [J.S. Butler, I.D. Kaye, A.S. Sebastian, S.C. Wagner, P.B. Morrissey, G.D. Schroeder, C.K. Kepler, A.R. Vaccaro]
- 'Understanding traditional research impact metrics', *Clinical Spine Surgery*, 30, 4 (2018), 164-166 [J.S. Butler, A.S. Sebastian, I.D. Kaye, S.C. Wagner, P.B. Morrissey, G.D. Schroeder, C.K. Kepler, A.R. Vaccaro]
- 'Operative techniques for the management of traumatic instability in the cervical spine', *Seminars in Spine Surgery*, 29, 1 (2017), 50-59 [J.S. Butler, C.C. Harrod, A.R. Poynton]
- 'Sarcopenia as a primary cause of lower back pain and screening for sarcopenia in the secondary prevention of lower back pain', *Ir J Med Sci, Irish Spine Society Annual Meeting 2018*, Dublin, Ireland (2018), S320 [D. Gibbons, D.P. Ahern, A. Curley, J.S. Butler]
- 'Managing risk - introducing the O-arm to an Irish spinal unit', *Ir J Med Sci, Irish Spine Society Annual Meeting 2018*, Dublin, Ireland (2018), S321 [A.J. Hughes, M. Dodds, M. Timlin, N. Cassidy, S. Morris, K. Synnott, J.S. Butler]
- 'Operative management of perinatal lumbar disc herniation and cauda equina syndrome: a case series', *Ireland, Ir J Med Sci, Irish Spine Society Annual Meeting 2018*, Dublin, (2018), S324 [D.P. Ahern, D. Gibbons, M. Dodds, M. Timlin, M. Cassidy, S. Morris, K. Synnott, J.S. Butler]
- 'Routine microscope use does not increase operative time or affect short term outcomes in single-level lumbar microdecompression', *Spine J, North American Spine Society (NASS) Annual Meeting 2018*, Los Angeles, USA (2018), S55-S56 [P. Morrissey, S. Wagner, A.S. Sebastian, I.D. Kaye, J.S. Butler, C.K. Kepler]
- 'Severe lumbar disability is associated with decreased psoas cross-sectional area in degenerative spondylolisthesis', *Spine J, North American Spine Society (NASS) Annual Meeting 2018*, Los Angeles, USA (2018), S103-S104 [S. Wagner, A.S. Sebastian, J. McKenzie, J.S. Butler, I.D. Kaye, P. Morrissey, C.K. Kepler]
- 'C5 palsy after single- and multi-level anterior cervical discectomy and fusion', *Spine J, North American Spine Society (NASS) annual meeting 2018*, Los Angeles, USA, 8 (2018), S121-S122 [S. Wagner, A.S. Sebastian, J.S. Butler, I.D. Kaye, P. Morrissey, A.S. Hillibrand, A.R. Vaccaro, C.K. Kepler]
- 'Favorable prognosis for significant preoperative upper extremity weakness following elective anterior cervical discectomy and fusion', *Spine J, North American Spine Society (NASS) annual meeting 2018*, Los Angeles, USA (2018), S187 [A.S. Sebastian, S. Wagner, J.S. Butler, P. Morrissey, I.D. Kaye, C.K. Kepler]

Recent publications – Faculty of Health Sciences

- 'Changes in radiographic alignment do not influence the development of postoperative C5 palsy', *Spine J, North American Spine Society (NASS) annual meeting 2018*, Los Angeles, USA (2018), S194-S195 [I.D. Kaye, A. Sinensky, S. Wagner (...), J.S. Butler *et al.*]
- 'Risk factors for adverse cardiac events following lumbar spine fusion', *AAOS Meeting Proceedings 2008, American Academy of Orthopaedic Surgeons (AAOS) annual meeting 2018*, New Orleans, USA (2018), 164:P560. [I.D. Kaye, S.C. Wagner, A. Sebastian, P.B. Morrissey, J. Butler, C. Kepler]
- 'Favorable prognosis for significant preoperative upper extremity weakness following elective anterior cervical discectomy and fusion', *AAOS meeting proceedings, American Academy of Orthopaedic Surgeons (AAOS) annual meeting 2018*, New Orleans, USA (2018), 281:P0379. [A. Sebastian, S. Wagner, J. Butler, P.B. Morrissey, I. Kaye, A.S. Hillibrand, A. Vaccaro, C. Kepler]
- 'Decreased psoas cross-sectional surface area is associated with increased lumbar disability', *AAOS meeting proceedings 2008, American Academy of Orthopaedic Surgeons (AAOS) annual meeting 2018*, New Orleans, USA (2018), 330:P0853 [S. Wagner, A. Sebastian, J.C. McKenzie, J. Butler, I. Kaye, P.B. Morrissey, C. Kepler]
- 'Intraoperative pedicle screw navigation does not significantly decrease complications after spine surgery', *AAOS meeting proceedings 2008, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2018*, New Orleans, USA. (2018), 332:P0870 [S. Wagner, P.B. Morrissey, I. Kaye, A. Sebastian, J. Butler, C.K. Kepler]
- 'Sarcopenia does not affect clinical outcome following lumbar fusion', *AAOS meeting proceedings 2008, American Academy of Orthopaedic Surgeons (AAOS) annual meeting 2018*, New Orleans, USA (2018), 332:P0874 [A. Sebastian, S. Wagner, J.C. McKenzie, I. Kaye, P.B. Morrissey, J. Butler, C. Kepler]
- Carroll, Camilla**, 'Presentation, treatment and outcomes of sudden sensorineural hearing loss', *Mesentery and Peritoneum*, 2, 1 (2018), AB085-AB085 [Isobel O'Riordan, Zeldia O'Brien, Camilla Carroll]
- 'Deconstructing microsuction using hierarchical task analysis (HTA) methodology', *Mesentery and Peritoneum*, 2, 1 (2018), AB078-AB078 [Isobel O'Riordan, Camilla Carroll]
- 'Objective assessment, using a validated procedure-based assessment (PBA) tool, of retention of fiberoptic endoscopic skills of GP ENT trainees, following 4 months of dedicated ear nose and throat (ENT) training', *Mesentery and Peritoneum*, 3 (2019), AB092-AB092 [Ruairi Hasson, Camilla Carroll]
- 'Integration of ear-suctioning into primary care: an educational model', *Mesentery and Peritoneum*, 3 (2019), AB095-AB095 [Isobel O'Riordan, Camilla Carroll, Nash Pati, Martin Donnell]
- 'Diagnostic and procedural skill training in a dedicated ENT emergency department', *Mesentery and Peritoneum*, 3 (2019), AB085-AB085 [Grace O'Flanagan, Claire Buckley, Camilla Carroll]
- Colgan, Mary**, 'No more amputations: a complex scientific problem and a challenge for effective preventative strategy implementation on vascular field', *Interntaional Angiology*, 36 (2017), 107-115 [E. Kolossvary, K. Farkas, M.P. Colgan (...), J.C. Wautrecht, M. Catalano]
- 'ESVM guidelines - the diagnosis and management of Raynaud's phenomenon', *VASA*, 46 (2017), 413-423 [J. Belch, A. Carlizza, P.H. Carpentier (...), M.P. Colgan *et al.*]
- 'Urgent need to clarify the definition of chronic critical limb ischaemia - a position paper from the European society of vascular medicine', *VASA*, 19 (2018), 1-5 [J. Constans, A. Bura-Riviere, A. Visona (...), M.P. Colgan *et al.*]

Recent publications – Faculty of Health Sciences

- Conlon, Kevin, 'The potential role of gut microbiota in pancreatic disease: a systematic review', *Pancreatology: Official Journal of the International Association of Pancreatology (IAP)* 2017, <http://dx.doi.org/10.1016/j.pan.2017.09.002> [R. Memba, S.N. Duggan, H.M. Ni Chonchubhair (...), B.M. Ryan, K.C. Conlon]
- 'Surgical site infection after gastrointestinal surgery in high-income, middle-income, and low-income countries: a prospective, international, multicentre cohort study', *Lancet Infectious Diseases* (2018), <http://hdl.handle.net/2262/82505> [Donal B. O'Connor]
- 'The prevalence of small intestinal bacterial overgrowth in non-surgical patients with chronic pancreatitis and pancreatic exocrine insufficiency (PEI)', *Pancreatology: official journal of the International Association of Pancreatology (IAP)* 2018, <https://doi.org/10.1016/j.pan.2018.02.010> [H.M. Ni Chonchubhair, Y. Bashir, M. Dobson, B.M. Ryan, S.N. Duggan, K.C. Conlon]
- 'Systematic review and meta-analysis on the effect of obesity on recurrence after laparoscopic anti-reflux surgery', *Surgeon* (2018), <http://hdl.handle.net/2262/85353> [Y. Bashir, H.N. Chonchubhair, S.N. Duggan (...), P.F. Ridgway, K.C. Conlon]
- 'European evidence-based guidelines on pancreatic cystic neoplasms', *Gut*, 67, 5 (2018), 789-804 [M. Del Chiaro, M.G. Besselink, L. Scholten (...), K. Conlon *et al.*]
- 'Sarcopenia - a new frontier in the management care of patients with borderline resectable pancreatic cancer', *JAMA Surgery*, 153, 9 (2018), 816 [O. Griffin, K.C. Conlon]
- 'The role of staging laparoscopy in resectable and borderline resectable pancreatic cancer: a systematic review and meta-analysis', *Digestive Surgery* (2018), <https://doi.org/10.1159/000488372> [R. Ta, D.B. O'Connor, A. Sulistijo, B. Chung, K.C. Conlon]
- 'Nutritional support and therapy in pancreatic surgery: a position paper of the International Study Group on Pancreatic Surgery (ISGPS)', *Surgery (United States)*, 164, 5 (2018), 1035-1048 [L. Gianotti, M.G. Besselink, M. Sandini (...), K. Conlon *et al.*]
- 'Trends in the use of laparoscopic versus open paediatric appendectomy: a regional 12-year study and a national survey', *World Journal of Surgery*, 42, 11 (2018), 3792-3802 [N.R. Bhatt, E. Dunne, M. Faraz (...), K.C. Conlon *et al.*]
- 'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), 2 [Emer M. Guinan, Emer M. Barrett, Freda Neill, Tamasine Grimes, Derek Sullivan, Maria O'Sullivan, Aileen Patterson, Tadhg Stapleton, Irene Walsh, John J. Walsh, Kevin C. Conlon]
- 'A comparative quantitative LC-MS/MS profiling analysis of human pancreatic adenocarcinoma, adjacent-normal tissue, and patient-derived tumour xenografts', *Proteomes*, 6, 4 (2018), <http://dx.doi.org/10.3390/proteomes6040045> [O. Coleman, M. Henry, F. O'Neill (...), K.C. Conlon *et al.*]
- Dunne, Margaret, 'Leukaemia inhibitory factor is associated with treatment resistance in oesophageal adenocarcinoma', *Oncotarget*, 9, 72 (2018), 33634-33647 [A.M. Buckley, N. Lynam-Lennon, S.A. Kennedy (...), M.R. Dunne *et al.*]
- Lysaght, Joanne, 'pSTAT3 levels have divergent expression patterns and associations with survival in squamous cell carcinoma and adenocarcinoma of the oesophagus', *International Journal of Molecular Sciences*, 19, 6 (2018), 1720 [K.E. O'Sullivan, A.J. Michielsen, E. O'Regan (...), J. Lysaght, J. O'Sullivan]
- 'Identifying a novel role for fractalkine (CX3CL1) in memory CD8⁺ T cell accumulation in the omentum of obesity-associated cancer patients', *Frontiers in Immunology*, 9 (2018), 1867 [M.J. Conroy, S.G. Maher, A.M. Melo, S.L. Doyle, E. Foley, J.V. Reynolds, A. Long, J. Lysaght]
- 'Obesity and gastrointestinal cancer: the interrelationship of adipose and tumour microenvironments', *Nature Reviews Gastroenterology and Hepatology*, 15, 11 (2018), 699-714 [J. O'Sullivan, J. Lysaght, C.L. Donohoe, J.V. Reynolds]

Recent publications – Faculty of Health Sciences

- 'Novel thioglycoside analogs of α -galactosylceramide stimulate cytotoxicity and preferential Th1 cytokine production by human invariant natural killer T cells', *Glycobiology*, 28, 7 (2018), 512-521 [A.M. Melo, L. Zhang, E.F. Dockry (...), J. Lysaght *et al.*]
- 'Human dorsal root ganglion pulsed radiofrequency treatment modulates cerebrospinal fluid lymphocytes and neuroinflammatory markers in chronic radicular pain', *Brain, Behavior, and Immunity*, 70 (2018), 157-165 [B. Das, M. Conroy, D. Moore, J. Lysaght, C. McCrory]
- 'Obesity and gastrointestinal cancer: the interrelationship of adipose and tumour microenvironments', *Nature Reviews Gastroenterology Hepatology*, 15, 11 (2018), 699-714 [J. O'Sullivan J, Lysaght, C.L. Donohoe, J.V. Reynolds]
- 'Identifying a novel role for fractalkine (CX3CL1) in memory CD8⁺ T cell accumulation in the omentum of obesity-associated cancer patients', *Frontiers in Immunology*, 13, 9 (2018), 1867 [M.J. Conroy, S.G. Maher, A.M. Melo, S.L. Doyle, E. Foley, J.V. Reynolds, A. Long, J. Lysaght]
- Maher, Stephen**, 'Development and characterisation of a panel of phosphatidylinositide 3-kinase - mammalian target of rapamycin inhibitor resistant lung cancer cell lines', *Scientific Reports*, 8, 1 (2018), 1652 [S. Heavey, P. Dowling, G. Moore, M.P. Barr, N. Kelly, S.G. Maher, S. Cuffe, S.P. Finn, K.J. O'Byrne, K. Gately]
- 'Identifying a novel role for fractalkine (CX3CL1) in memory CD8⁺ T cell accumulation in the omentum of obesity-associated cancer patients', *Frontiers in Immunology*, 9 (2018), 1867 [M.J. Conroy, S.G. Maher, A.M. Melo, S.L. Doyle, E. Foley, J.V. Reynolds, A. Long, J. Lysaght]
- 'MicroRNA-31 regulates chemosensitivity in malignant pleural mesothelioma', *Molecular Therapy. Nucleic Acids*, 8 (2017), 317-329 [H.L. Moody, M.J. Lind, S.G. Maher]
- 'Pyrazinib (P3), [(E)-2-(2-pyrazin-2-yl-vinyl)-phenol], a small molecule pyrazine compound enhances radiosensitivity in oesophageal adenocarcinoma', *Cancer Letters*, 447 (2019), 115-129 [A.M. Buckley, M.R. Dunne, N. Lynam-Lennon (...), S.G. Maher *et al.*]
- Manecksha, Rustom**, 'Incidence of visible hematuria among antithrombotic agents: a systematic review of over 175,000 patients', *Urology* (2017), <http://dx.doi.org/10.1016/j.urology.2017.11.023> [N.R. Bhatt, N.F. Davis, W.J. Nolan, R.J. Flynn, T. McDermott, A.Z. Thomas, R.P. Manecksha]
- 'Quantitative analysis of technological innovation in urology', *Urology* (2017), <http://dx.doi.org/10.1016/j.urology.2017.07.068> [N.R. Bhatt, N.F. Davis, D.M. Dalton, T. McDermott, R.J. Flynn, A.Z. Thomas, R.P. Manecksha]
- 'A 10-year review of genito-urinary injuries in pelvic and acetabular trauma', *Mesentery and Peritoneum*, 2, 1 (2018), AB115-AB115 [Rosie Colgan, Nikita Rajiv Bhatt, Rajiv Merchant, Niall Davis, Michael Leonard, Brendan O'Daly, Rustom Manecksha, John Quinlan]
- 'PD60-08 investigation of traumatic urethral catheterization and evaluation of a novel safety syringe after correlating trauma with urethral distension and catheter balloon pressure: a prospective multi-institutional study', *The Journal of Urology*, 197, 4 (2017), e1185 [Niall Davis, Eoghan Cunnane, Mark Quinlan, Rustom Manecksha, John Thornhill, David Mulvin, Michael Walsh]
- 'Antithrombotic agents and haematuria: a systematic review', *European Urology Supplements*, 16, 3 (2017), e1194-e1195 [N. Bhatt, N. Davis, R. Flynn, T. McDermott, A. Thomas, R. Manecksha]
- 'Quantitative analysis of innovation in urology', *European Urology Supplements*, 16, 3 (2017), e1434 [N.R. Bhatt, D.M. Dalton, N.F. Davis, T. McDermott, R.J. Flynn, A.Z. Thomas, R.P. Manecksha]
- 'epiCaPture: a urine DNA methylation test for early detection of aggressive prostate cancer', *JCO Precis Oncol*, (2019), <http://dx.doi.org/10.1200/PO.18.00134> [E. O'Reilly, A.V. Tuzova, A.L. Walsh (...), R.P. Manecksha *et al.*]

Recent publications – Faculty of Health Sciences

- 'Primitive neuroectodermal tumour with synchronous ipsilateral clear cell carcinoma of the kidney', *BMJ Case Reports*, 11, 1 (2018), <http://dx.doi.org/10.1136/bcr-2018-224273> [M. Taha, N.M. Mohammed, S. Crowther, R.P. Manecksha, A.Z. Thomas]
- 'The influence of dietary supplementation with cranberry tablets on the urinary risk factors for nephrolithiasis', *World Journal of Urology* (2018), <http://dx.doi.org/10.1007/s00345-018-2344-1> [E.J. Redmond, C.F. Murphy, J. Leonard, K. Faulds, S. Abdelfadil, V.E. Crowley, T.H. Lynch, R.P. Manecksha]
- McCrory, Connail**, 'Human dorsal root ganglion pulsed radiofrequency treatment modulates cerebrospinal fluid lymphocytes and neuroinflammatory markers in chronic radicular pain', *Brain, Behavior, and Immunity*, 70 (2018), 157-165 [B. Das, M. Conroy, D. Moore, J. Lysaght, C. McCrory]
- 'The proteomics of intrathecal analgesic agents for chronic pain', *Current Neuropharmacology*, 15, 2 (2017), 198-205 [David Moore, Connail McCrory]
- 'Neuroimmunity and chronic pain', *British Journal of Anaesthesia Education*, 18, 12 (2018), 377-383 [C. McCrory]
- 'New technologies in spinal cord stimulation', *Rheumatology and Pain*, 3 (2017), 56-57 [P. Walczuk, C. McCrory]
- McMahon, Christine**, 'The prevalence of unexplained falls and syncope in older adults presenting to an Irish urban emergency department', *European Journal of Emergency Medicine* (2018), 1 [Jaspreet Bhangu, Patricia Hall, Naomi Devaney, Kathleen Bennett, Laura Carroll, Rose-Anne Kenny, C. Geraldine McMahon]
- 'Mantra meditation programme for emergency department staff: a qualitative study', *BMJ Open*, 8, 9 (2018), e020685 [Julie Lynch, Lucia Prihodova, Pádraic J Dunne, Caoimhe O'Leary, Rachel Breen, Aine Carroll, Cathal Walsh, Geraldine McMahon, Barry White]
- 'Mantra meditation for mental health in the general population: a systematic review', *European Journal of Integrative Medicine*, 23 (2018), 101-108 [Julie Lynch, Lucia Prihodova, Pádraic J Dunne, Aine Carroll, Cathal Walsh, Geraldine McMahon, Barry White]
- 'Impact of mantra meditation on health and wellbeing: a systematic review protocol', *European Journal of Integrative Medicine*, 18 (2018), 30-33 [Julie Lynch, Lucia Prihodova, Pádraic J. Dunne, Geraldine McMahon, Aine, Carroll, Cathal Walsh, Barry White]
- 'Feasibility study protocol to examine the role of mantra meditation at reducing psychological distress in emergency department staff', *International Journal of Clinical Trials*, 4, 2 (2017), 88 [Padraic Dunne, Caoimhe O'Leary, Lucia Prihodova, Rachel Breen, Cathal Walsh, Laurence Freeman, Aine Carroll, Geraldine McMahon, Barry White]
- Meaney, James**, 'Computerised working memory-based cognitive remediation therapy does not affect reading the mind in the eyes test performance or neural activity during a facial emotion recognition test in psychosis', *European Journal of Neuroscience*, 48, 1 (2018), 1691-1705 [D. Mothersill, R. Dillon, A. Hargreaves (...), J.F. Meaney *et al.*]
- 'Oculomotor neural integrator dysfunction in multiple sclerosis: insights from neuroimaging', *Front Neuro*, 9 (2018), 691 [P. Bede, E. Finegan, R.H. Chipika, S. Li Hi Shing, J. Lambe, J. Meaney, J. Redmond]
- 'Portal hypertensive colopathy with pelvic varices presenting as severe lower GI bleed treated with TIPSS', *Irish Medical Journal*, 111, 2 (2018), 696 [S.F. Murphy, M. Durand, J.P. McMorrow, J.F. Meaney, M. Guiney]
- Mehigan, Brian**, 'Expression of protein kinase C gamma promotes cell migration in colon cancer', *Oncotarget*, 8, 42 (2017), 72096-72107 [Catriona M. Dowling, Sheri L. Hayes, James J. Phelan (...), Brian Mehigan *et al.*]
- Orr, David**, 'Glossoptosis in Pierre Robin sequence', *Archives of Disease in Childhood* (2018), <http://dx.doi.org/10.1136/archdischild-2018-314964> [Kevin C. Cahill, David J.A. Orr]

Recent publications – Faculty of Health Sciences

- 'Descent of the human larynx: an unrecognized factor in airway distress in babies with cleft palate?', *International Journal of Pediatric Otorhinolaryngology*, 113 (2018), 208-212 [Catherine de Blacam, Laura Duggan, David Rea, Peter Beddy, David J.A. Orr]
- 'Patent nasopalatine ducts: evidence to support persistence of the vomeronasal system?', *European Journal of Anatomy*, 22, 5 (2018), 411-413 [Maire-Caitlin Casey, David J.A. Orr]
- O'Sullivan, Jacintha**, 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle, A.E. Bennett, C. Murphy, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]
- Pidgeon, Graham**, 'Impact of visceral obesity and metabolic syndrome on the postoperative immune, inflammatory, and endocrine response following surgery for esophageal adenocarcinoma', *Diseases of the Esophagus*, 30, 6 (2017), 1-11 [S.L. Doyle, A.M. Mongan, C.L. Donohoe, G.P. Pidgeon, M. Sherlock, J.V. Reynolds, J. Lysaght]
- 'The next generation of PI3K-Akt-mTOR pathway inhibitors in breast cancer cohorts', *Biochimica et Biophysica Acta - Reviews on Cancer*, 1870, 2 (2018), 185-197 [M.M. Kenna, S. McGarrigle, G.P. Pidgeon]
- 'Innovative technologies changing cancer treatment', *Cancers*, 10, 6 (2018), 208 [S. Charmsaz, M. Principe, M. Kiely, G.P. Pidgeon, D.M. Collins]
- Reynolds, John**, 'Extratutormal PD-1 blockade does not perpetuate obesity-associated inflammation in esophageal adenocarcinoma', *Cancer Letters*, 418 (2018), 230-238 [K.C. Galvin, M.J. Conroy, S.L. Doyle (...), J.V. Reynolds, J. Lysaght]
- 'The RESTORE randomized controlled trial: impact of a multidisciplinary rehabilitative program on cardiorespiratory fitness in esophagogastric cancer survivorship', *Annals of Surgery* (2018), 1-9 [L.M. O'Neill, E. Guinan, S.L. Doyle, A.E. Bennett, C. Murphy, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]
- 'International consensus on a complications list after gastrectomy for cancer', *Gastric Cancer* (2018), 1-18 [G.L. Baiocchi, S. Giacomuzzi, D. Marrelli (...), J.V. Reynolds *et al.*]
- 'Small intestinal bacterial overgrowth in patients post major upper gastrointestinal cancer surgery', *Diseases of the Esophagus*, 30, 5 (2017), <http://dx.doi.org/10.1093/dote/dow014> [M. Brennan, M. Fanning, A. Granahan, S.L. Doyle, C.L. Donohoe, P. Lawlor, N. Ravi, J.V. Reynolds]
- 'Point prevalence of adult intestinal failure in Republic of Ireland', *Irish Medical Journal*, 111, 2 (2018), 688 [A. Bell, N. Conway, J. Courtney, K. Kennedy, Z. Raubenheimer, N. Rice, D. Kevans, C.L. Donohoe, J.V. Reynolds]
- 'Impact of question order on prioritisation of outcomes in the development of a core outcome set: a randomised controlled trial', *Trials*, 19, 1 (2018), <http://dx.doi.org/10.1186/s13063-017-2405-6> [S.T. Brookes, K.A. Chalmers, K.N.L. Avery (...), J. Reynolds *et al.*]
- 'siRNA library screening identifies a druggable immune-signature driving esophageal adenocarcinoma cell growth', *Cellular and Molecular Gastroenterology and Hepatology*, 5, 4 (2018), 569-590 [S.P. Duggan, C. Garry, F.M. Behan (...), J.V. Reynolds *et al.*]
- 'Impact of supplemental home enteral feeding postesophagectomy on nutrition, body composition, quality of life, and patient satisfaction', *Diseases of the Esophagus*, 30, 9 (2017), 1-9 [C.L. Donohoe, L.A. Healy, M. Fanning, S.L. Doyle, A. Mc Hugh, J. Moore, N. Ravi, J.V. Reynolds]
- 'Physical decline and its implications in the management of oesophageal and gastric cancer: a systematic review', *Journal of Cancer Survivorship*, 12, 4 (2018), 601-618 [L. O'Neill, J. Moran, E.M. Guinan, J.V. Reynolds, J. Hussey]

Recent publications – Faculty of Health Sciences

'pSTAT3 levels have divergent expression patterns and associations with survival in squamous cell carcinoma and adenocarcinoma of the oesophagus', *International Journal of Molecular Sciences*, 19, 6 (2018), 1720 [K.E. O'Sullivan, A.J. Michielsen, E. O'Regan (...), J.V. Reynolds *et al.*]

'Multicentre randomized clinical trial of inspiratory muscle training versus usual care before surgery for oesophageal cancer', *British Journal of Surgery*, 105, 5 (2018), 502-511 [K. Valkenet, J.C.A. Trappenburg, J.P. Ruurda (...), J.V. Reynolds *et al.*]

Ridgway, Paul, 'The e-handover: applications for surgical training', *The Clinical Teacher*, 14, 3 (2017), 211-215 [F. Hand, A. Stirling, P. Felle, K. Conlon, P. Ridgway]

'The predictive value of C-reactive protein (CRP) in acute pancreatitis - is interval change in CRP an additional indicator of severity?', *HPB*, 19, 10 (2017), 874-880 [A.D. Stirling, N.R. Moran, M.E. Kelly, P.F. Ridgway, K.C. Conlon]

'Trends in the use of laparoscopic versus open paediatric appendicectomy: a regional 12-year study and a national survey', *World Journal of Surgery*, 42, 11 (2018), 3792-3802 [N.R. Bhatt, E. Dunne, M. Faraz, A.E. Gillis, K.C. Conlon, S. Paran, P.F. Ridgway]

'Systematic review and meta-analysis on the effect of obesity on recurrence after laparoscopic anti-reflux surgery', *Surgeon* (2018), <http://hdl.handle.net/2262/85353> [Y. Bashir, H.N. Chonchubhair, S.N. Duggan (...), P.F. Ridgway, K.C. Conlon]

Ryan, Thomas, 'A prospective study of fungal biomarkers to improve management of invasive fungal diseases in a mixed specialty critical care unit', *Journal of Critical Care*, 40 (2017), 119-127 [A.F. Talento, K. Dunne, E.A. Joyce, M. Palmer, E. Johnson, P.L. White, J. Springer, J. Loeffler, T. Ryan, D. Collins, T.R. Rogers]

'Platelet microaggregation in sepsis examined by quartz crystal microbalance with dissipation technology', *Platelets*, 29, 3 (2018), 301-304 [C.M. Larkin, E.P. Breen, K.A. Tomaszewski, S. Eisele, M.W. Radomski, T.A. Ryan, M.J. Santos-Martinez]

Sheehy, Niall, 'Non-interpretive radiology: an Irish perspective', *Clinical Radiology*, 73, 5 (2018), 494-498 [A.N. Murphy, N.P. Sheehy, P.V. Kavanagh]

Shelley, Odhran, 'Experience of plastic surgery registrars in a European working time directive compliant rota', *Journal of Plastic Surgery and Hand Surgery*, 51, 4 (2017), 264-269 [C. de Blacam, S. Tierney, O. Shelley]

'Improving mortality outcomes of Stevens Johnson syndrome/toxic epidermal necrolysis: a regional burns centre experience', *Burns*, 44, 3 (2018), 603-611 [M. Nizamoglu, J.A. Ward, Q. Frew (...), O. Shelley *et al.*]

School of Nursing and Midwifery

Begley, Cecily, 'Process evaluation for OptiBIRTH, a randomised controlled trial of a complex intervention designed to increase rates of vaginal birth after caesarean section', *Trials*, 19, 9 (2018), <http://dx.doi.org/10.1186/s13063-017-2401-x> [P. Healy, V. Smith, G. Savage (...), M. Carroll, C. Begley]

'Irish and New Zealand midwives' expertise at preserving the perineum intact (the MEPMI study): perspectives on preparations for birth', *Midwifery*, 55 (2017), 83-89 [V. Smith, L. Dixon, K. Guillard, C. McCann, C. Keegan, M. Reilly, C. Begley]

'Prognostic factor for pregnancy-related pelvic girdle pain, a systematic review', *Midwifery*, 66 (2018), 70-78 [F. Wuytack, D. Daly, E. Curtis, C. Begley]

'Rising to the challenge: epilepsy specialist nurses as leaders of service improvements and change (SENsE study)', *Seizure: European Journal of Epilepsy*, 63 (2018), 40-47 [A. Higgins, C. Downes, J. Varley, C.P. Doherty, C. Begley, N. Elliott]

Recent publications – Faculty of Health Sciences

- 'Urinary incontinence in nulliparous women before and during pregnancy: prevalence, incidence, type, and risk factors', *International Urogynecology Journal*, 29 (2018), 353-362 [D. Daly, M. Clarke, C. Begley]
- 'Definitions, measurements and prevalence of fear of childbirth: a systematic review', *BMC Pregnancy and Childbirth*, 18, 1 (2018), 28-42 [C. Nilsson, E. Hessman, H. Sjöblom (...), H. Wigert, C. Begley]
- 'Vaginal birth after caesarean versus elective repeat caesarean delivery after one previous caesarean section: a cost-effectiveness analysis in four European countries', *BMC Pregnancy and Childbirth*, 18, 1 (2018), 92 -101 [M. Fobelets, K. Beeckman, G. Faron, D. Daly, C. Begley, K. Putman]
- 'Irish and New Zealand a qualitative exploration of techniques used by expert midwives to preserve the perineum intact', *Women and Birth*, 32, 1 (2019), 87-97 [C. Begley, L. Dixon, K. Guillard, C. McCann, C. Keegan, M. Reilly, V. Smith]
- 'Prevalence of and risk factors associated with sexual health issues in primiparous women at 6 and 12 months postpartum; a longitudinal prospective cohort study (the MAMMI study)', *BMC Pregnancy and Childbirth*, 18 (2018), 196-208 [D. O'Malley, A. Higgins, C. Begley, D. Daly, V. Smith]
- 'Causes and outcomes in studies of fear of childbirth: a systematic review', *Women and Birth*, Aug 14 (2018), <http://dx.doi.org/10.1016/j.wombi.2018.07.004> [A. Dencker, C. Nilsson, C. Begley, E. Jangsten, M. Mollberg, H. Patel, H. Wigert, E. Hessman, H. Sjöblom, C. Sparud Lundin]
- 'Clinicians' views of factors influencing decision-making for caesarean section: a systematic review and metasynthesis of qualitative, quantitative and mixed methods studies', *PLoS ONE*, 13, 7 (2018), e0200941 [S. Panda, C. Begley, D. Daly]
- 'Factors influencing decision-making for caesarean section in Sweden - a qualitative study', *BMC Pregnancy and Childbirth*, 18, 1 (2018), 377 [S. Panda, C. Begley, D. Daly, A. Karlström, B. Larson, L. Back, I. Hildingsson]
- Begley, Thelma**, 'Children's complex care needs: a systematic concept analysis of multidisciplinary language', *European Journal of Pediatrics*, 177, 11 (2018), 1641-1652 [M. Brenner, C. Kidston, C. Hilliard, I. Coyne, J. Eustace-Cooke, C. Doyle, T. Begley, M.J. Barrett]
- Brady, Vivienne**, 'Spiritual leadership as an emergent solution to transform the healthcare workplace', *Journal of Nursing Management*, 26, 4 (2018), 335-337 [P. Piret, K. Neenan, Y. Muldowney, V. Brady, F. Timmins]
- 'Using action research to develop midwives' skills to support women with perinatal mental health needs', *Journal of Clinical Nursing* (2017), 11 [D. Madden, A. Sliney, A. O'Friel, B. McMackin, B. O'Callaghan, K. Casey, L. Courtney, V. Fleming, V. Brady]
- 'Using action research to develop midwives' skills to support women with perinatal mental health needs', *Journal of Clinical Nursing*, 27, 3-4 (2018), 561-571 [D. Madden, A. Sliney, A. O'Friel, B. McMackin, B. O'Callaghan, K. Casey, L. Courtney, V. Fleming, V. Brady]
- Brenner, Maria**, 'Research priorities for specialized nursing practice in the United Arab Emirates (JAE)', *International Nursing Review*, 65, 3 (2018), 381-391 [N. Al Yateem, M. Al-Tamimi, M. Brenner, H. Altawil, A. Ahmed, S. Brownie]
- 'Children's complex care needs: a systematic concept analysis of multidisciplinary language', *European Journal of Pediatrics*, 177, 11 (2018), 1641-1652 [M. Brenner, C. Kidston, C. Hilliard, I. Coyne, J. Eustace-Cooke, C. Doyle, T. Begley, M.J. Barrett]
- 'Clinical handover practices among healthcare practitioners in acute care services: a qualitative study', *Journal of Clinical Nursing*, 28, 1-2 (2019), 80-88 [G. Fealy, S. Donnelly, G. Doyle, M. Brenner, M. Hughes, E. Mylotte, E. Nicholson, M. Zaki]
- 'Principles for provision of integrated complex care for', *The Lancet Child and Adolescent Health*, 2 (2018), 832-838 [M. Brenner, M.P. O'Shea, R. McHugh (...), M. Rigby, M. Blair]

Recent publications – Faculty of Health Sciences

- 'Management and integration of care for children living', *The Lancet Child and Adolescent Health*, 2 (2018), 822-831 [M. Brenner, M.P. O'Shea, P. Larkin, D. Luzi, F. Pecoraro, O. Tamburis, J. Berry, D. Alexander, M. Rigby, M. Blair]
- 'Evaluating an educational programme for dignity care intervention with community nurses in Ireland', *International Journal of Palliative Nursing*, 24, 10 (2018), 474-481 [M. Connolly, K. Charnley, R. Collins, C. Barry, S. McIlfratrick, P. Larkin, M. Brenner, B. Johnston]
- Burke, Eilish**, 'Prevalence and associated factors of challenging behaviours among older adults with intellectual disability in Ireland', *Research in Developmental Disabilities* (2018), <https://doi.org/10.1016/j.ridd.2018.05.007> [C. O'Dwyer, P. McCallion, E. Burke, M. O'Dwyer, R. Carroll, P. McCallion, M. McCarron]
- 'The prevalence of physical conditions and multi-morbidity in a cohort of adults with intellectual disabilities, with and without down syndrome. Cross-sectional study', *British Medical Journal Open*, 8, 2 (2018), <http://dx.doi.org/10.1136/bmjopen-2017-018292> [Deborah Kinnear, Angela Henderson, Elita Smiley, Sally-Ann Cooper]
- 'Associations of medicine use with falls and bone health in older adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disability*, 5th IASSIDD Europe congress diversity and belonging: celebrating difference, Athens Greece (2018), 474-490 [M. O'Dwyer, E. Burke, S. Foran, J. O'Connell, M. McCarron, P. McCallion]
- 'Overweight and obesity and, interrelated chronic health conditions in older adults with an intellectual disability: results from wave 2 IDSTILDA', *Journal of Applied Research in Intellectual Disability*, 5th IASSIDD Europe congress diversity and belonging: celebrating difference, Athens Greece (2018), <http://dx.doi.org/10.1111/jar.12485> [J. Ryan, P. McCallion, M. McCarron, E. Burke]
- 'Osteoporosis and people with Down syndrome: a preliminary descriptive examination of the intellectual disability supplement to The Irish Longitudinal Study on Ageing wave 1 results', *Health*, 10, 9 (2018), 1233-1249 [E.A. Burke, R. Carroll, M. O'Dwyer, J.B. Walsh, P. McCallion, M. McCarron]
- 'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]
- 'Prevalence and patterns of antipsychotic use and their associations with mental health and problem behaviours among older adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities* (2019), <http://dx.doi.org/10.1111/jar.12591> [Claire O'Dwyer; Martin Henman, Mary McCarron, Eva O'Leary, Philip McCallion, Eilish Burke, Juliette O'Connell, Maire O'Dwyer]
- 'Sweet dreams': an evidence-based approach to effective sleep hygiene maintenance for people with an intellectual disability', *Learning Disability Practice*, 22, 1 (2019), <http://dx.doi.org/10.7748/ldp.2019.e1958> [P. Horan, S. Fleming, M. Cleary, E. Burke, C. Doyle, K. Byrne, P. Keenan]
- Byrne, Gbnait**, 'Assessing knowledge of wound care among cardiothoracic nurses', *British Journal of Nursing*, 27, 15 (2018), S33-S42 [N. Moran, G. Byrne]
- Byrne, Kathleen**, 'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices eds, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]

Recent publications – Faculty of Health Sciences

Carroll, Margaret, 'Practice nurses' knowledge and competence in relation to perinatal mental health care', *Practice Nursing*, 28, 12 (2017), 542-551 [C. Downes, M. Carroll, A. Gill, M. Monahan, A. Higgins]

'Knowledge, confidence, skills and practices among midwives in the Republic of Ireland in relation to perinatal mental health care: the mind mothers study', *Midwifery*, 64 (2018), 29-37 [M. Carroll, C. Downes, A. Gill, U. Nagal, D. Madden, M. Monahan, A. Higgins]

'Stop, think, reflect, realise - first-time mothers' views on taking part in longitudinal maternal health research', *Health Expectations* (2019) [D. Daly, M. Carroll, M. Barros, C. Begley]

Carroll, Rachael, 'The association of life events and mental ill health in older adults with intellectual disability: results of the wave 3 intellectual disability supplement to The Irish Longitudinal Study on Ageing', *Journal of Intellectual Disability Research* (2019), <http://dx.doi.org/10.1111/jir.12595> [L. Bond, R. Carroll, N. Mulryan, M. O'Dwyer, J. O'Connell, R. Monaghan, F. Sheerin, P. McCallion, M. McCarron]

Comiskey, Catherine, 'Critical preparation and readiness to support future change', *Nursing Management*, 25, 2 (2018), 31-38 [S. Huntley-Moore, E. Curtis, E. Duffy, F. O'Rourke]

'Rising incidence of ageing opioid users within the EU wide treatment demand indicator; the Irish opioid epidemic from 1996 to 2014', *Drug and Alcohol Dependence*, 192 (2018), 329-337 [Anne Marie Carew, Catherine Comiskey]

'Take-home naloxone: while good it is far from good enough', *The Lancet, Public Health*, 3, 5 (2018), e205-e206 [C.M. Comiskey]

'Commissioning, procuring and contracting evaluations and research', *Research and evaluation in community, health and social care settings experiences from practice*, eds Suzanne Guerin, Nóirín Hayes and Sinéad McNally, Oxford United Kingdom, Routledge, Taylor and Francis Group (2018), 45-60 [Marian Quinn, Catherine Comiskey, Gail Birkbeck]

'Developing a detailed design for research with communities', *Research and evaluation in community, health and social care settings experiences from practice*, eds Suzanne Guerin, Nóirín Hayes and Sinéad McNally, Oxford, United Kingdom, Routledge, Taylor and Francis Group (2018), 90-105 [Suzanne Guerin, Catherine Comiskey]

'Conclusion', *Research and evaluation in community, health and social care settings experiences from practice*, eds Suzanne Guerin, Nóirín Hayes and Sinéad McNally, Oxford, United Kingdom, Routledge, Taylor and Francis Group (2018), 170-185 [Nóirín Hayes, Catherine Comiskey]

'Leadership, sustainability and extending the learning from the Healthy Schools programme to other national and international contexts', *Childrens Research Digest*, 5, 3 (2018), 7-13 [C.M. Comiskey, P. Banka, J. Hyland, P. Hyland]

Corry, Margarita, 'The redundancy of positivism as a paradigm for nursing', *Nursing Philosophy*, 20, 1 (2019), 1-10 [M. Corry, S. Porter, H. Mckenna]

Coyne, Imelda, 'To integrate and manage diabetes in school: youth's experiences of living with diabetes type 1 in relation to school - a qualitative study', *International Diabetes Nursing*, 14, 2-3 (2017), 46-51 [R.M. Holmström, M. Häggström, Å. Audulv, L. Junehag, I. Coyne, S. Söderberg]

'Exploring social identity change during mental healthcare transition', *European Journal of Social Psychology*, 47, 7 (2017), 889-903 [N. McNamara, I. Coyne, T. Ford, M. Paul, S. Singh, F. McNicholas]

'Transition from paediatric to adult healthcare for young people with cystic fibrosis: parents' information needs', *Journal of Child Health Care*, 22, 4 (2018), 646-657 [I. Coyne, H. Malone, E. Chubb, A.E. While]

Recent publications – Faculty of Health Sciences

- 'The role of felt or enacted criticism in parents' decision making in differing contexts and communities: toward a formal grounded theory', *Journal of Family Nursing*, 24, 3 (2018), 443-469 [S.J. Neill, I. Coyne]
- 'Provider use of a participatory decision-making style with youth and caregivers and satisfaction with pediatric asthma visits', *Patient Related Outcome Measures*, 10, 9 (2018), 147-154 [B. Sleath, D.M. Carpenter, I. Coyne, S.A. Davis, C. Hayes Watson, C.E. Loughlin, N. Garcia, D.S. Reuland, G.E. Tudor]
- Being participatory: researching with children and young people. Co-constructing knowledge using creative techniques*, 1st, Springer Nature (2018), 1-178 [I. Coyne, B. Carter]
- 'Transition for adolescents and young adults with cancer', *Nursing Adolescents and Young Adults with Cancer*, eds P. Olsen and S. Smith, Switzerland, Springer Nature (2018), 173-198 [I. Coyne]
- 'Centeredness in healthcare: a concept synthesis of family-centered care, person-centered care and child-centered care', *Journal of Pediatric Nursing*, 42 (2018), 45-56 [I. Coyne, I. Holmström, M. Söderbäck]
- 'Children's complex care needs: a systematic concept analysis of multidisciplinary language', *European Journal of Pediatrics*, 177, 11 (2018), 1641-1652 [M. Brenner, C. Kidston, C. Hilliard, I. Coyne, J. Eustace-Cooke, C. Doyle, T. Begley, M.J. Barrett]
- 'Toward developing consensus on family-centred care: an international descriptive study and discussion', *Journal of Child Health Care* (2018), doi.org/10.1177%2F1367493518795341 [M.A. Al-Motlaq, B. Carter, S. Neill, I.K. Hallstrom, M. Foster, I. Coyne, P. Darbyshire, V. Feeg, L. Shields]
- 'Participatory research in the past, present and future', *Being participatory: researching with children and young people: co-constructing knowledge using creative techniques*, eds I. Coyne and B. Carter, Switzerland, Springer International Publishing (2018), 1-15 [I. Coyne, B. Carter]
- 'Participatory research: does it genuinely extend the sphere of children's and young people's participation', *Being participatory: researching with children and young people: co-constructing knowledge using creative techniques*, eds I. Coyne and B. Carter, Switzerland, Springer Nature (2018), 171-178 [B. Carter, I. Coyne]
- 'Arts-based interventions to promote transition outcomes for young people with long-term conditions: a review', *Chronic Illness* (2018), <http://dx.doi.org/10.1177/1742395318782370>. [J. Callinan, I. Coyne]
- Cronin, Patricia**, 'Systemic antibiotics for treating malignant wounds (review)', *Cochrane database of systematic reviews*, CD011609, 8 (2017), <http://dx.doi.org/10.1002/14651858.CD011609.pub2> [D.A. Ramasubbu, V. Smith, F. Hayden, P. Cronin]
- 'Clinical skills 9,10,11,12,13,14,15,16,17,18', *Elsevier Clinical Skills Online 2017*, ed M. Nicol, London, Elsevier (2017), 1-100 [Patricia Cronin]
- Curtis, Elizabeth**, 'Nursing leadership in Ireland: experiences and obstacles', *Leadership in Health Services*, 00 (2018), 1-16 [J. de Vries, E. Curtis]
- Daly, Deirdre**, 'Vaginal birth after caesarean versus elective repeat caesarean delivery after one previous caesarean section: a cost-effectiveness analysis in four European countries', *BMC Pregnancy and Childbirth*, 18 (2018), 92 [M. Fobelets, K. Beeckman, G. Faron, D. Daly, C. Begley, K. Putman]
- 'Prevalence of and risk factors associated with sexual health issues in primiparous women at 6 and 12 months postpartum; a longitudinal prospective cohort study (the MAMMI study)', *BMC Pregnancy and Childbirth*, 18, 196 (2018), <https://doi.org/10.1186/s12884-018-1838-6> [D. O'Malley, A. Higgins, C. Begley, D. Daly, V. Smith]
- 'Urinary incontinence in nulliparous women: prevalence, incidence, type and risk factors', *International Urogynecology Journal*, Epub (2018), <https://doi.org/10.1007/s00192-018-3554-1> [D. Daly, M. Clarke, C. Begley]

Recent publications – Faculty of Health Sciences

- 'Clinicians' views of factors influencing decision-making for caesarean section: a systematic review and metanalysis of qualitative, quantitative and mixed methods studies', *PLoS ONE*, 13, 7 (2018), e0200941 [S. Panda, C. Begley, D. Daly]
- 'Prognostic factor for pregnancy-related pelvic girdle pain, a systematic review', *Midwifery*, 66 (2018), 70-78 [F. Wuytack, D. Daly, E. Curtis, C. Begley]
- 'Factors influencing decision-making for caesarean section in Sweden - a qualitative study', *BMC Pregnancy and Childbirth*, 18 (2018), 377 [S. Panda, D. Daly, C. Begley, A. Karlström, B. Larsson, L. Bäck, I. Hildingsson]
- 'Respectful and disrespectful care in the Czech Republic: an online survey', *BMC Reproductive Health*, 15, 198 (2018), <https://doi.org/10.1186/s12978-018-0648-7> [C. Begley, N. Sedlicka, D. Daly]
- 'Learning about pelvic floor muscle exercises before and during pregnancy: a cross-sectional study', *International Urogynecology Journal* (2019), <https://doi.org/10.1007/s00192-018-3848-3> [D. Daly, C. Cusack, C. Begley]
- 'Learning about midwifery in another country from a distance: evaluation of a virtual classroom learning session', *Nurse Education Today*, 75 (2019), 47-52 [D. Daly, A.V. Rasmussen, A. Dalsgaard]
- 'The impact of the physical environment on intrapartum maternity care: identification of eight crucial building spaces', *Health Environments Research and Design* (2019), 1-32 [N. Setola, E. Naldi, G.G. Cocina, L. Bodil Eide, L. Iannuzzi, D. Daly]
- 'Stop, think, reflect, realise - first-time mothers' views on taking part in longitudinal maternal health research', *Health Expectations* (2019) [D. Daly, M. Carroll, M. Barros, C. Begley]
- De Vries, Jan**, 'Privacy at end of life in ICU - a review of the literature', *Nursing in Critical Care*, 27, 11-12 (2018), 2274-2284 [F. Timmins, S. Parissopoulos, S. Plakas, M.T. Naughton, J.M.A. de Vries, G. Fouka]
- 'Nursing leadership in Ireland: experiences and obstacles', *Leadership in Health Services*, 00 (2018), 1-16 [J. de Vries, E. Curtis]
- 'Altruism, honesty and religiosity in nursing students', *Journal of Clinical Nursing*, 00 (2018), 1-32 [F. Timmins, C.B. King, J.M.A. De Vries, M. Johnson, C. Haigh, J. Cullen]
- Dinsmore, John**, 'Note highlights: surfacing relevant concepts from unstructured notes for health professionals', *Healthcare Informatics, ICHI 2017*, Venice, Italy, IEEE Xplore (2017), <https://doi.org/10.1109/ICHI.2017.28> [V. Lopez, J. Betancourt-Silva, G. McCarthy (...), J. Dinsmore, A.M. Brady]
- 'Towards the development of an integrated care platform for frail older adults: setting the technological priorities from a stakeholder perspective', *Ambient assisted living, 2017, FortiAAL*, Genova, Italy, Springer, Cham (2019), 189-197 [M. Malavasi, V. Fiordelmondo, E.J. Hoogerwerf, L. Maluccelli, L. Desideri, J. Doyle, J. Dinsmore]
- 'The BREATHE project, a mobile application, video-monitoring system in family homes as an aid to the caring role: needs, acceptability and concerns of informal carers', *Digital Health*, 4 (2018), 1-8 [C. Comiskey, S. Delaney, K. Galligan, J. Dinsmore, M. Keenan, K. Cullen]
- 'Access to assistive technology for people with intellectual disabilities: a systematic review to identify barriers and facilitators', *Journal of Intellectual Disability Research* (2018), doi: 10.1111/jir.12532 [F. Boot, J. Owuor, J. Dinsmore, M. MacLachlan]
- Donnellan, Claire**, 'Associations between ApoE genotype and psychological consequences post stroke', *Innovations in Aging*, 1, 1 (2017), 1154 [C. Donnellan, N. Redha, M. Al Banna, A. Al Jishi, I. Al Sharoqi, M. Bakhiet, F. Abdulla]
- 'Mind the gap: health disparity and equity', *The Irish psychologist, 47th annual conference of the Psychological Society of Ireland*, Limerick (2017), S5-S5 [C. Donnellan]

Recent publications – Faculty of Health Sciences

- 'Associations between ApoE genotype and psychological consequences post stroke in a Bahraini cohort', *Asian Journal of Psychiatry*, 39 (2019), 135-142 [C. Donnellan, N. Redha, M. Al Banna, I. Al Sharoqi, A. Al-Jishi, M. Bakhiet, S. Taha, P. Walsh, F. Abdulla]
- Downes, Carmel**, 'Knowledge, confidence, skills and practices among midwives in the Republic of Ireland in relation to perinatal mental health care: the mind mothers study', *Midwifery*, 64 (2018), 29-37 [M. Carroll, C. Downes, A. Gill, U. Nagal, D. Madden, M. Monahan, A. Higgins]
- Doyle, Carmel**, 'Urinary continence promotion and people with an intellectual disability', *Learning Disability Practice*, 21, 3 (2018), 28-34 [P. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]
- 'Children's complex care needs: a systematic concept analysis of multidisciplinary language', *European Journal of Pediatrics*, 177, 11 (2018), 1641-1652 [M. Brenner, C. Kidston, C. Hilliard, I. Coyne, J. Eustace-Cooke, C. Doyle, T. Begley, M.J. Barrett]
- 'Urinary continence promotion and the person with an intellectual disability' , *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]
- Doyle, Louise**, 'Advancing the knowledge, skills and attitudes of mental health nurses working with families and caregivers: a critical review of the literature', *Nurse Education in Practice*, 32 (2018), 138-146 [I. Skärsäter, B. Keogh, Louise Doyle (...), T. Stickley, N. Kilkku]
- 'Master's level mental health nursing competencies, a prerequisite for equal health among service users in mental health care', *International Journal of Qualitative Studies in Health and Well-being* (2018), <https://doi.org/10.1080/17482631.2018.1502013> [H. Jormfeldt, L. Doyle, H. Ellila (...), T. Stickley, N. Kilkku]
- Elliott, Naomi**, 'Leadership capabilities of physiotherapy leaders in Ireland: part 1 physiotherapy managers', *Physiotherapy Theory and Practice* (2018), 1-17 [E. McGowan, N. Elliott, E. Stokes]
- 'Leadership capabilities of physiotherapy leaders in Ireland: part 2 clinical specialists and advanced physiotherapy practitioners', *Physiotherapy Theory and Practice* (2018), 1-17 [E. McGowan, N. Elliott, E. Stokes]
- 'Patients with epilepsy care experiences: comparison between services with and without an epilepsy specialist nurse', *Epilepsy and Behavior*, 85 (2018), 85-94 [A. Higgins, C. Downes, J. Varley, E. Tyrell, C. Normand, C. Doherty, C. Begley, N. Elliott]
- 'Rising to the challenge: epilepsy specialist nurses as leaders of service improvements and change (SENsE study)', *Seizure: European Journal of Epilepsy*, 63 (2018), 40-47 [A. Higgins, C. Downes, J. Varley, C.P. Doherty, C. Begley, N. Elliott.]
- 'Evidence-based practice among epilepsy specialist nurses in the Republic of Ireland: findings from the SENsE study', *Journal of Nursing Management* (2019), 1-8 [Agnes Higgins, Carmel Downes, Jarleth Varley, Colin P. Doherty, Cecily Begley, Naomi Elliott]
- Fleming, Sandra**, 'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]
- Griffiths, Colin**, 'Supporting safe eating and drinking for people with severe and profound intellectual and multiple disabilities', *Learning Disability Practice*, 21, 1 (2018), 26-31 [Colin Griffiths, Sandra Fleming, Paul Horan, Paul Michael Keenan, Karen Henderson, Aine O'Reilly, Carmel Doyle]

Recent publications – Faculty of Health Sciences

'Urinary continence promotion and people with an intellectual disability', *Learning Disability Practice*, 21, 3 (2018), 28-34 [P. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]

'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices eds, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]

'You and me: the structural basis for the interaction of people with severe and profound intellectual disability and others', *Journal of Intellectual Disabilities*, 21, 2 (2017), 103-117 [C. Griffiths, M. Smith]

Higgins, Agnes, 'Substance misuse: gender sensitive practice beyond binary divisions', *Ethics in Mental Health-Substance Use*, ed C. Cooper, Oxford, CRC Press, Taylor and Francis Group (2017), 187-205 [A. Higgins, A. Gill]

'Opinions of key stakeholders concerning involuntary admission of patients under the Mental Health Act 2001', *Irish Journal of Psychological Medicine*, 34, 4 (2017), 223-232 [I. Georgieva, E. Bainbridge, D. McGuinness, J. Maguire, K. Murphy, A. Higgins, C. McDonald, B. Hallahan]

'The required knowledge for lifespan mental health promotion and prevention for master's level mental health nurse education - the eMenthe project', *International Journal of Health Promotion and Education*, 56, 3 (2018), 143-154 [M. Lahti, H. Ellila, H. Jormfeldt (...), A. Higgins et al.]

'Prevalence of and risk factors associated with sexual health issues in primiparous women at 6 and 12 months postpartum; a longitudinal prospective cohort study (the MAMMI study)', *BMC Pregnancy and Childbirth*, 18, 196 (2018), <https://doi.org/10.1186/s12884-018-1838-6> [D. O'Malley, A. Higgins, C. Begley, D. Daly, V. Smith]

'A meta-synthesis of service users' perceptions of the meaning of and influences on recovery in 'psychotic illness': implications for research and practice', *Refocus on Recovery*, Nottingham, (2017), 84-85 [D. O'Keefe, B. Keogh, A. Kearney, C. Senf, M. Clarke, A. Higgins]

'Service users' experiences of involuntary hospital admission under the Mental Health Act 2001 in the Republic of Ireland: highlighting the need for person-centred care', *Psychiatric Services*, 68, 11 (2017), 1127-1135 [R. Murphy, D. McGuinness, E. Bainbridge, H. Felzmann (...), C. McDonald, A. Higgins]

'Service users' experiences of mental health tribunals in Ireland: mixed reaction', *Irish Journal of Psychological Medicine*, 34, 4 (2017), 233-242 [R. Murphy, D. McGuinness, E. Bainbridge, H. Felzmann, L. Brosnan, M. Keys, K. Murphy, B. Hallahan, A. Higgins, C. McDonald]

'A qualitative exploration of stakeholders' perspectives of involuntary admission under the Mental Health Act 2001 in the Republic of Ireland', *International Journal of Mental Health Nursing*, 26, 6 (2017), 554-569 [S. Smith, D. Casey, A. Cooney (...), A. Higgins et al.]

'Outcomes of a co-facilitation skills training programme for mental health service users, family members and clinicians: the EOLAS project', *International Journal of Mental Health*, 27, 2 (2018), 911-921 [A. Higgins, D. Hevey, P. Gibbons, C. O'Connor, F. Boyd, P. McBennett, M. Monaghan]

'A national stakeholder consensus study of challenges and priorities for clinical learning environments in postgraduate medical education', *BMC Medical Education BMC series – Open*, 17, 1 (2017), 226-232 [C. Kilty, A. Wiese, C. Bergin (...), A. Higgins et al.]

'Knowledge, confidence, skills and practices among midwives in the Republic of Ireland in relation to perinatal mental health care: the mind mothers study', *Midwifery*, 64 (2018), 29-37 [M. Carroll, C. Downes, A. Gill, U. Nagal, D. Madden, M. Monahan, A. Higgins]

'Erosion of meaning in life: African asylum seekers experiences of asylum in Ireland', *Journal of Refugee Studies* (2018), <http://hdl.handle.net/2262/83234> [R. Murphy, B. Keogh, A. Higgins]

Recent publications – Faculty of Health Sciences

'Patients with epilepsy care experiences: comparison between services with and without an epilepsy specialist nurse', *Epilepsy and Behavior*, 85 (2018), 85-94 [A. Higgins, C. Downes, J. Varley, E. Tyrell, C. Normand, C. Doherty, C. Begley, N. Elliott]

'Advancing the knowledge, skills and attitudes of mental health nurses working with families and caregivers: a critical review of the literature', *Nurse Education in Practice*, 32 (2018), 138-146 [I. Skäråäter, B. Keogh, L. Louise Doyle (...), A. Higgins *et al.*]

'Master's level mental health nursing competencies, a prerequisite for equal health among service users in mental health care', *International Journal of Qualitative Studies in Health and Well-being* (2018), <https://doi.org/10.1080/17482631.2018.1502013> [H. Jormfeldt, L. Doyle, H. Ellila (...), A. Higgins *et al.*]

'Enacted narrative and recovery: an existential analysis based on hermeneutic-phenomenological interpretation', *Journing of Nursing and Health Studies*, 3, 2:5 (2018), <https://doi.org/10.21767/2574-2825.100034> [J. Sitvast, T. Stickley, O. Meade (...), A. Higgins *et al.*]

Horan, Paul, 'Urinary continence promotion and people with an intellectual disability', *Learning Disability Practice*, 21, 3 (2018), 28-34 [P. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]

'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, E. Burke, M. Cleary, C. Doyle, C. Griffiths]

Hughes, Mary, 'Playing the game: how young people moderate influences in accommodating asthma in their lives', *Journal of Child Health Care*, 22, 3 (2018), 309-316 [M. Hughes, T. Andrews, E. Savage]

'Clinical handover practices among healthcare practitioners in acute care services: a qualitative study', *Journal of Clinical Nursing*, 28, 1-2 (2019), 80-88 [G. Fealy, S. Donnelly, G. Doyle, M. Brenner, M. Hughes, E. Mylotte, E. Nicholson, M. Zaki]

Huntley-Moore, Sylvia, 'Critical preparation and readiness to support future change', *Nursing Management*, 25, 2 (2018), 31-38 [S. Huntley-Moore, E. Curtis, E. Duffy, F. O'Rourke]

Hynes, GERALYN, 'Decision-making among patients and their family in ALS care: a review', *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 19, 3-4 (2018), 173-193 [G. Foley, G. Hynes]

'Introducing a social work service to an established multi-disciplinary team: lessons from a hospital-led tuberculosis care programme', *The Irish Social Worker*, Spring (2018), 45-62 [Donna Stapleton, Marie Kane, GERALYN HYNES, Geraldine Prizeman, Maria McLaughlin]

Keenan, Paul, *Special Olympics Ireland tutor training manual - intellectual disability education modules*, 3rd, Dublin, Ireland, Special Olympics Ireland, (2017), 1-130 [P.M. Keenan, C. Doyle, O.P. Maguire]

'Urinary continence promotion and the person with an intellectual disability', *Learning Disability Practice*, 21, 3 (2018), 28-34 [Paul Michael Keenan, Sandra Fleming, Paul Horan, Kathleen Byrne, Eilish Burke, Michelle Cleary, Carmel Doyle, Colin Griffiths]

'Urinary continence promotion and the person with an intellectual disability', *Positive choices - heroes and champions deserve to live a life free from fear*, eds Positive Choices, School of Nursing and Midwifery, Trinity College Dublin, University of Dublin. (2018), doi: 10.7748/ldp.2018.e1878 [P.M. Keenan, S. Fleming, P. Horan, K. Byrne, K. Burke, M. Cleary, C. Doyle, C. Griffiths]

Recent publications – Faculty of Health Sciences

Keogh, Brian, 'The required knowledge for lifespan mental health promotion and prevention for master's level mental health nurse education - the eMenthe project', *International Journal of Health Promotion and Education*, 56, 3 (2018), 143-154 [M. Lahti, H. Ellila, H. Jormfeldt (...), B. Keogh et al.]

'A meta-synthesis of service users' perceptions of the meaning of and influences on recovery in 'psychotic illness': implications for research and practice', *Refocus on Recovery*, Nottingham, (2017), 84-85 [D. O'Keefe, B. Keogh, A. Kearney, C. Senf, M. Clarke, A. Higgins]

'Erosion of meaning in life: African asylum seekers experiences of asylum in Ireland', *Journal of Refugee Studies* (2018), <http://hdl.handle.net/2262/83234> [R. Murphy, B. Keogh, A. Higgins]

'Advancing the knowledge, skills and attitudes of mental health nurses working with families and caregivers: a critical review of the literature', *Nurse Education in Practice*, 32 (2018), 138-146 [I. Skärsäter, B. Keogh, L. Louise Doyle (...), T. Stickley, N. Kilkku]

'Master's level mental health nursing competencies, a prerequisite for equal health among service users in mental health care', *International Journal of Qualitative Studies in Health and Well-Being* (2018), <https://doi.org/10.1080/17482631.2018.1502013> [H. Jormfeldt, L. Doyle, H. Ellila (...), B. Keogh et al.]

King, Carole, 'Altruism, honesty and religiosity in nursing students', *Journal of Clinical Nursing*, 00 (2018), 1-32 [F. Timmins, C.B. King, J.M.A. De Vries, M. Johnson, C. Haigh, J. Cullen]

Lalor, Joan, 'Space for human connection in antenatal education: uncovering women's hopes using participatory action research', *Midwifery*, 55 (2017), 7-14 [V. Brady, J. Lalor]

'Pregnancy loss and complexity', *Spirituality and childbirth: meaning and care at the start of life*, eds Jenny Hall and Susan Crowther, Routledge, Taylor and Francis Group (2017), <http://hdl.handle.net/2262/81701> [Joan Gabrielle Lalor]

Louw, Julia, 'A qualitative exploration of teacher and school staff experiences when teaching sexuality education programmes at special needs schools in South Africa', *Sexuality Research and Social Policy*, 14, 4 (2017), 425-433 [Julia S. Louw]

'Support for the feasibility of the ages and stages questionnaire as a developmental screening tool: a cross-sectional study of South African and Zambian children aged 2-60 months', *BMC Pediatrics*, 17, 1 (2017), <http://dx.doi.org/10.1186/s12887-017-0802-3> [Alastair van Heerden, Celia Hsiao, Beatrice Matafwali, Julia Louw, Linda Richter]

'App-supported promotion of child growth and development by community health workers in Kenya: Feasibility and Acceptability Study', *JMIR mHealth and uHealth*, 5, 12 (2017), e182 [Alastair van Heerden, Debjeet Sen, Chris Desmond, Julia Louw, Linda Richter]

Malone, Helen, 'Transition from paediatric to adult healthcare for young people with cystic fibrosis: parents' information needs', *Journal of Child Health Care*, 22, 4 (2018), 646-657 [I. Coyne, H. Malone, E. Chubb, A.E. While]

McCabe, Catherine, 'Computer and mobile technology interventions for self-management in chronic obstructive pulmonary disease', *Cochrane Database of Systematic Reviews*, CD011425, 5 (2017), [doi/10.1002/14651858.CD011425](https://doi.org/10.1002/14651858.CD011425). [C. McCabe, M. McCann, A.M. Brady]

McCann, Edward, 'Sexuality and intimacy among people with serious mental illness: a systematic review of qualitative research', *JBHI Database of Systematic Reviews and Implementation Reports*, 17, 1 (2019), 74-125 [E. McCann, G. Donohue, J. de Jager, A. Nugter, J. Stewart, J. Eustace-Cook]

'Impact of a family interventions module on students' knowledge, skills and attitudes', *Issues in Mental Health Nursing* (2019), <http://dx.doi.org/10.1080/01612840.2019.1572252> [E. McCann, F. Neill]

'Homelessness among youth who identify as LGBTQ+: a systematic review', *Journal of Clinical Nursing* (2019), <http://dx.doi.org/10.1111/jocn.14818> [E. McCann, M. Brown]

Recent publications – Faculty of Health Sciences

- McCann, Margaret, 'Computer and mobile technology interventions for self-management in chronic obstructive pulmonary disease', *Cochrane Database of Systematic Reviews*, CD011425, 5 (2017), doi/10.1002/14651858.CD011425. [C. McCabe, M. McCann, A.M. Brady]
- McCarron, Mary, 'Consensus statement of the international summit on intellectual disability and dementia related to end-of-life care in advanced dementia', *Journal of Applied Research in Intellectual Disability*, 55, 5 (2017), 338-346 [P. McCallion, M. Hogan, F.H. Santos, M. McCarron (...), K. Watchman, M.P. Janicki]
- 'Supporting advanced dementia in people with Down syndrome and other intellectual disabilities: consensus statement of the international summit on intellectual disability and dementia', *Journal of Intellectual Disability Research*, 62, 7 (2018), 617-624 [M. McCarron, P. McCallion, A. Coppus, J. Fortea, S. Stemp, M. Janicki, K. Watchman]
- 'Prevalence and associated factors of challenging behaviours among older adults with intellectual disability in Ireland', *Research in Developmental Disabilities*, 80 (2018), 192-204 [C. O'Dwyer, P. McCallion, M. McCarron]
- 'Medication use and health screening in an ageing adult population with Down syndrome in Ireland: a descriptive study' for publication in the Journal of Policy and Practice in Intellectual Disabilities', *Journal of Policy and Practice in Intellectual Disabilities*, 15, 2 (2018), 145-154 [A. Belton, M. O'Dwyer, J. Peklar, P. McCallion, M. McCarron, M. Henman]
- 'Medication use and potentially inappropriate prescribing in older adults with intellectual disabilities: a neglected area of research', *Therapeutic Advances in Drug Safety*, 9, 9 (2018), 535-557 <http://journals.sagepub.com/doi/full/10.1177/2042098618782785> [M. O'Dwyer, M. McCarron, P. McCallion, M. Henman]
- 'Prevalence of edentulism among adults with intellectual disabilities: a narrative review informed by systematic review principles' in its current form', *Special Care in Dentistry*, 38, 4 (2018), 191-200 [C. Mac Giolla Phadraig, J. Nunn, P. McCallion, M. McCarron]
- 'The use of proton pump inhibitors among older adults with intellectual disability: a cross sectional observational study', *Saudi Pharmaceutical Journal*, 26, 7 (2018), 1012-1021 [H. Almutari, M. O'Dwyer, M. McCarron, P. McCallion, M. Henman]
- 'Use of high risk medicines in older adults with intellectual disabilities: a cross-sectional study', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European congress*, Athens (2018), 544-544 [M. O'Dwyer, N. Galvin, P. McCallion, M. McCarron, M. Henman, J. O'Connell]
- 'Psychotropic drug use in older adults with intellectual disabilities who have dementia in Ireland', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European congress*, Athens (2018), 544 [M. O'Dwyer, J. Hughes, P. McCallion, M. McCarron, M. Henman]
- 'Associations of medicine use with falls and bone health in older adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European congress*, Athens (2018), 544 [M. O'Dwyer, E. Burke, S. Foran, M. McCarron, P. McCallion]
- 'The exercise of human rights and citizenship by older adults with an intellectual disability in Ireland', *Journal of Intellectual Disability Research*, 62, 10 (2018), 875-887 [D. McCausland, P. McCallion, D. Brennan, M. McCarron]
- 'Quality care for people with intellectual disability and advanced dementia: guidance on service provision', *Journal of Palliative Medicine*, 21, 9 (2018), 9-10 [M. McCarron, P. McCallion, K. Watchman (...), E. Reilly, S. Stemp]
- 'Prevalence and associated factors of problem behaviours among older adults with intellectual disabilities in Ireland', *Research in Developmental Disabilities*, 80 (2018), 192-204 [C. O'Dwyer, P. McCallion, E. Burke, R. Carroll, M. O'Dwyer, M. McCarron]
- 'A prospective 20-year longitudinal follow-up of dementia in persons with Down syndrome', *Journal of Intellectual Disability Research*, 61, 9 (2017), 843-852 [M. McCarron, P. McCallion, E. Reilly, P. Dunne, R. Carroll, N. Mulryan]

Recent publications – Faculty of Health Sciences

- 'The association of life events and mental ill health in older adults with intellectual disability: results of the wave 3 intellectual disability supplement to The Irish Longitudinal Study on Ageing', *Journal of Intellectual Disability Research* (2019), <http://dx.doi.org/10.1111/jir.12595> [L. Bond, R. Carroll, N. Mulryan (...), P. McCallion, M. McCarron]
- 'The antecedents of loneliness in older people with an intellectual disability', *Research in Developmental Disabilities*, 85 (2019), 116-130 [A. Wormald, P. McCallion, M. McCarron]
- 'Total tooth loss without denture wear is a risk indicator for difficulty eating among older adults with intellectual disabilities', *Journal of Oral Health*, 46, 2 (2018), 170-178 [C. Mac Giolla Phadraig, P. McCallion, J. Nunn, M. McCarron]
- 'Epidemiological issues', *Physical Health of Adults with Intellectual Disabilities*, eds V.P. Prasher and M.P. Janicki, London: Wiley (2019), 9-26 [P. McCallion, L. Ferretti, H. Beange, M. McCarron]
- 'Important physical health issues', *Physical Health of Adults with Intellectual Disabilities*, eds V.P. Prasher and M.P. Janicki, London: Wiley (2019), 27-52 [E. Burke, M. O'Dwyer, E. McGlinchey (...), P. McCallion M. McCarron]
- 'Effect of deinstitutionalisation on quality of life for adults with intellectual disabilities: a systematic review', *BMJ Open* (2019), <http://dx.doi.org/10.1136/bmjopen-2018-025735> [M. McCarron, R. Lombard-Vance, E. Murphy (...), V. Smith, P. May]
- McCausland, Darren**, 'The exercise of human rights and citizenship by older adults with an intellectual disability in Ireland', *Journal of Intellectual Disability Research*, 62, 10 (2018), 875-887 [D. McCausland, P. McCallion, D. Brennan, M. McCarron]
- McKee, Gabrielle**, 'A cluster and inferential analysis of myocardial infarction symptom presentation by age', *European Journal of Cardiovascular Nursing*, 17, 7 (2018), 637-644 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- 'Nurse sensitive outcomes in patients with rheumatoid arthritis: a systematic literature review', *International Journal of Nursing Studies*, 77, Jan (2018), 115-129 [Patricia Minnock, Gabrielle McKee, Alexia Kelly (...), Mwidimi Ndosi, Yvonne van Eijk Hustings]
- 'A cohort study examining the factors influencing changes in physical activity levels following an acute coronary syndrome event', *European Journal of Cardiovascular Nursing*, 18, 1 (2019), 57-66 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- Monahan, Mark**, 'Outcomes of a co-facilitation skills training programme for mental health service users, family members and clinicians: the EOLAS project', *International Journal of Mental Health*, 27, 2 (2018), 911-921 [A. Higgins, D. Hevey, P. Gibbons, C. O'Connor, F. Boyd, P. McBennett, M. Monaghan]
- 'Knowledge, confidence, skills and practices among midwives in the Republic of Ireland in relation to perinatal mental health care: the mind mothers study', *Midwifery*, 64 (2018), 29-37 [M. Carroll, C. Downes, A. Gill, U. Nagal, D. Madden, M. Monahan, A. Higgins]
- Mooney, Mary**, 'A cluster and inferential analysis of myocardial infarction symptom presentation by age', *European Journal of Cardiovascular Nursing*, 17, 7 (2018), 637-644 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- 'A cohort study examining the factors influencing changes in physical activity levels following an acute coronary syndrome event', *European Journal of Cardiovascular Nursing*, 18, 1 (2019), 57-66 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- Moran, Patrick**, 'Economic evaluation of selective neonatal Bacillus Calmette-Guérin vaccination of high-risk infants in Ireland', *The Pediatric Infectious Disease Journal*, 37, 8 (2018), 759-767 [C. Teljeur, P.S. Moran, P. Harrington (...), K. Connolly, M. Ryan]
- 'Contribution of stakeholder engagement to the impact of a health technology assessment: an Irish case study', *International Journal of Technology Assessment in Health Care*, 33, 4 (2017), 424-429 [M. Ryan, P.S. Moran, P. Harrington, L. Murphy, M. O'Neill, M. Whelan, C. Teljeur]

Recent publications – Faculty of Health Sciences

- 'Screening for atrial fibrillation: a European Heart Rhythm Association (EHRA) consensus document endorsed by the Heart Rhythm Society (HRS), Asia Pacific Heart Rhythm Society (APHRS), and Sociedad Latinoamericana de Estimulación Cardíaca y Electrofisiología (SOLAECE)', *Europace*, 19, 10 (2017), 1589-1623 [G.H. Mairesse, P. Moran, I.C. Van Gelder (...), G.Y.H. Lip, G. Boriani]
- 'The HIQA's health technology assessment of breast screening: highlighting some of the challenges posed by evaluations of screening programs', *Value in health: the Journal of the International Society for Pharmacoeconomics and Outcomes Research*, 20, 7 (2017), 1000-1002 [C. Teljeur, P. Moran, P. Harrington, M. Ryan]
- 'Womens health before pregnancy in a large cohort of first-time mothers in Ireland', *European Journal of Public Health*, 28, suppl_4 (2018), <http://dx.doi.org/10.1093/eurpub/cky214.096> [C. Begley, D. Daly, M. Carroll, P. Moran, F. Wuytack]
- 'Should we screen for atrial fibrillation?', *BMJ*, 364 (2019), 143 [Mark Lown, Patrick Moran]
- Muldowney, Yvonne**, 'Spiritual leadership as an emergent solution to transform the healthcare workplace', *Journal of Nursing Management*, 26, (4) (2018), 335-337 [P. Piret, K. Neenan, Y. Muldowney, V. Brady, F. Timmins]
- Murphy, Esther**, 'Responding to the needs of students with mental health difficulties in higher education: an Irish perspective', *European Journal of Special Needs Education*, 32, 1 (2017), <https://bit.ly/2rOX4Ku> [E. Murphy]
- 'Supporting students with mental health difficulties in higher education', *Postsecondary educational opportunities for students with special education needs*, eds R.M. Coleman and M. Shevlin, Routledge (2018), <https://bit.ly/2lshpMN> [E. Murphy]
- Murphy-Lawless, Joanne**, *Untangling the maternity crisis*, First, London, Routledge (2018), 1-178 [Nadine Edwards, Rosemary Mander, Jo Murphy-Lawless]
- 'Persistent challenges and barriers encountered by women attending formal antenatal care in Nigeria', *Africa Journal of Nursing and Midwifery*, 19, 2 (2017), 1-13 [Magdalena Ohaja, Jo Murphy-Lawless]
- 'Traditional birth attendants' pregnancy and birth practices in southeast Nigeria: a qualitative study', *Women and Birth*, 30 (2017), 165-171 [Magdalena Ohaja, Jo Murphy-Lawless]
- Neenan, Kathleen**, 'Spiritual leadership as an emergent solution to transform the healthcare workplace', *Journal of Nursing Management*, 26, (4) (2018), 335-337 [P. Piret, K. Neenan, Y. Muldowney, V. Brady, F. Timmins]
- Noone, Thomas**, 'Critical thinking dispositions in undergraduate nursing students: a case study approach', *Nurse Education Today*, 68, September (2018), 203-207 [T. Noone, A. Seery]
- O'Boyle, Colm**, 'Home birth midwifery in Ireland - choice of place to birth needs space for midwives to practice', *17th ESHMS Book of Abstracts, 17th European society for health and medical sociology: old tensions, emerging paradoxes in health; rights, knowledge and trust biennial congress*, eds T. Correia, V. Carvalho de Silva, Lisbon, Portugal, ISBN 978-972-8048-25-9 (2018), 125-126 [Colm OBoyle]
- O'Brien, Frances**, 'A cluster and inferential analysis of myocardial infarction symptom presentation by age', *European Journal of Cardiovascular Nursing*, 17, 7 (2018), 637-644 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- 'A cohort study examining the factors influencing changes in physical activity levels following an acute coronary syndrome event', *European Journal of Cardiovascular Nursing*, 18, 1 (2018), 57-66 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]

Recent publications – Faculty of Health Sciences

- O'Donnell, Sharon, 'A cohort study examining the factors influencing changes in physical activity levels following an acute coronary syndrome event', *European Journal of Cardiovascular Nursing*, 18, 1 (2018), 57-66 [G. McKee, M. Mooney, S. O'Donnell, F. O'Brien, M. Biddle, D. Moser]
- Sheerin, Fintan, 'Engagement and spirituality: reflections from 'Le Jungle'', *Spiritan Horizons*, 12 (2017), <http://hdl.handle.net/2262/83192> [F. Sheerin]
- 'Nursing technologies and trends', *Nursing and midwifery career guide*, eds E.A. Curtis, E. Duffy, C. Comiskey, F. O'Rourke, C. Griffiths and F. Sheerin, Dublin, Trinity College Dublin (2018), 21-22 [F. Sheerin]
- 'Doing advocacy', *Nursing and midwifery career guide*, eds E.A. Curtis, E. Duffy, C. Comiskey, F. O'Rourke, C. Griffiths and F. Sheerin, Dublin, Trinity College Dublin (2018), 28-31 [F. Sheerin, E.A. Curtis]
- 'The association of life events and mental ill health in older adults with intellectual disability: results of the wave 3 intellectual disability supplement to The Irish Longitudinal Study on Ageing', *Journal of Intellectual Disability Research* (2019), <http://dx.doi.org/10.1111/jir.12595> [L. Bond, R. Carroll, N. Mulryan (...), F. Sheerin *et al.*]
- Smith, Valerie, 'Midwife-led care in Ireland - a retrospective cohort study', *BMC Pregnancy and Childbirth*, 17, 101 (2017), <http://dx.doi.org/10.1186/s12884-017-1285-9> [A. Dencker, V. Smith, C. McCann, C. Begley]
- 'Systemic antibiotics for treating malignant wounds (review)', *Cochrane Database of Systematic Reviews*, CD011609, 8 (2017), <http://dx.doi.org/10.1002/14651858.CD011609.pub2> [D.A. Ramasubbu, V. Smith, F. Hayden, P. Cronin]
- 'Prevalence of and risk factors associated with sexual health issues in primiparous women at 6 and 12 months postpartum; a longitudinal prospective cohort study (the MAMMI study)', *BMC Pregnancy and Childbirth*, 18, 196 (2018), <https://doi.org/10.1186/s12884-018-1838-6> [D. O Malley, A. Higgins, C. Begley, D. Daly, V. Smith]
- 'A qualitative exploration of techniques used by expert midwives to preserve the perineum intact', *Women and Birth* (2018), <http://dx.doi.org/10.1016/j.wombi.2018.04.015> [C. Begley, K. Guilliland, L. Dixon, M. Reilly, C. Keegan, C. McCann, V. Smith]
- 'Sexual transmission of hepatitis C virus infection in a heterosexual population: a systematic review', *HRB Open Research*, 1, 10 (2018), <http://dx.doi.org/10.12688/hrbopenres.12791.1> [F. Wuytack, V. Lutje, J.C. Jakobsen *et al.*]
- 'Identifying trial recruitment uncertainties using a James Lind alliance priority setting partnership - The PRioRiTy (Prioritising Recruitment in Randomised Trials) study', *Trials*, 19, 147 (2018), 1-12 [P. Healy, S. Galvin, P.R. Williamson (...), V. Smith *et al.*]
- 'Choosing important health outcomes for comparative effectiveness research: an updated systematic review and involvement of low and middle income countries', *PLoS ONE*, 13, 2 (2018), <https://doi.org/10.1371/journal.pone.0190695> [K. Davis, S.L. Gorst, N. Harman, V. Smith, E. Gargon, D.G. Altman *et al.*]
- 'Planned birth at or near term for improving health outcomes for pregnant women with pre-existing diabetes and their infants', *Cochrane Database of Systematic Reviews*, 2 (2018), 1-21 [L.M. Biesty, A.M. Egan, F. Dunne, E. Dempsey, P. Meskell, V. Smith, G.M. Ni Bhuinneain, D. Devane]
- Timmins, Fiona, 'International conference of spirituality in healthcare. Nurturing the spirit' - Trinity College Dublin 2016', *Religions*, 8, 204 (2017), 7 [F. Timmins, R. Egan, B. Flanagan, Y. Muldowney, C. OBoyle, V. Brady, J. Whelan, K. Neenan, W. McSherry]
- 'Privacy at end of life in ICU - a review of the literature', *Nursing in Critical Care*, 27, 11-12 (2018), 2274-2284 [F. Timmins, S. Parissopoulos, S. Plakas, M.T. Naughton, J.M.A. de Vries, G. Fouka]

Recent publications – Faculty of Health Sciences

- 'Spiritual leadership as an emergent solution to transform the healthcare workplace', *Journal of Nursing Management*, 26, (4) (2018), 335-337 [P. Piret, K. Neenan, Y. Muldowney, V. Brady, F. Timmins]
- 'Altruism, honesty and religiosity in nursing students', *Journal of Clinical Nursing*, 00 (2018), 1-32 [F. Timmins, C.B. King, J.M.A. De Vries, M. Johnson, C. Haigh, J. Cullen]
- 'The role of healthcare chaplains in resuscitation: a rapid literature review', *Journal of Religion and Health*, 57, 3 (2018), 1183-1195 [F. Timmins, N. Pujol]
- 'Fundamental care guided by the careful nursing philosophy and professional practice model', *Journal of Clinical Nursing*, 27, 11-12 (2018), 2260-2273 [T.C. Meehan, F. Timmins, J. Burke]
- 'Double jeopardy - missed care for the vulnerable in community settings', *Journal of Clinical Nursing* (2018), 1-3 [A. Bagnasco, F. Timmins, G. Aleo, L. Sasso]
- 'Approaches to nurse education and competence development in remote telemonitoring of heart failure patients with implanted heart devices in Italy: a cause for concern', *European Journal of Cardiovascular Nursing*, 17, 5 (2018), 388-389 [M. Barisone, A. Bagnasco, F. Timmins, G. Aleo, L. Sasso]
- 'Using videoed workshops in interdisciplinary research with people who have disabilities', *Nurse Researcher*, 25, 2 (2017), 24-28 [F. Timmins, P. O'Rourke, A. Bagnasco (...), G. Aleo, L. Sasso]
- 'Preparing healthcare students who participate in interprofessional education for interprofessional collaboration: a constructivist grounded theory study protocol', *Journal of Interprofessional Care*, 32, 3 (2018), 367-369 [M. Bianchi, A. Bagnasco, G. Aleo (...), F. Timmins et al.]
- 'The need for consistent family-centred support for family and parents of children admitted to paediatric intensive care unit', *Nursing in Critical Care*, 22, 6 (2017), 327-328 [A. Bagnasco, G. Aleo, F. Timmins, T. Begley, S. Parissopoulos, L. Sasso]
- 'Spiritual well-being and spiritual distress in cancer patients undergoing chemotherapy: utilizing the SWBQ as component of holistic nursing diagnosis', *Journal of Religion and Health*, 56, 4 (2017), 1489-1502 [S. Caldeira, F. Timmins, E.C. de Carvalho, M. Vieira]
- 'A review of the role of nurse leadership in promoting and sustaining evidence-based practice', *Journal of Nursing Management* (2018), <http://dx.doi.org/10.1111/jonm.12638> [M. Bianchi, A. Bagnasco, V. Bressan (...), F. Timmins et al.]
- 'A reflective qualitative appreciative inquiry approach to restoring compassionate care deficits at one United Kingdom health care site', *Journal of Nursing Management*, 26, 8 (2018), 1108-1123 [R. McSherry, F. Timmins, J.M.A. de Vries, W. McSherry]
- 'Educating our future generation - the role of nurse managers in encouraging civility', *Journal of Nursing Management*, 26, 8 (2018), 899-901 [A. Bagnasco, G. Aleo, F. Timmins, G. Catania, M. Zanini, L. Sasso]
- Whelan, Jacqueline*, 'International conference of spirituality in healthcare', *Religions*, 8, 10 (2017), 204-210 [F. Timmins, R. Egan, B. Flanagan, Y. Muldowney, C. OBoyle, V. Brady, J. Whelan, K. Neenan, W. McSherry]
- Wuytack, Francesca*, 'Prognostic factor for pregnancy-related pelvic girdle pain, a systematic review', *Midwifery*, 66 (2018), 70-78 [F. Wuytack, D. Daly, E. Curtis, C. Begley]

Research student

- Wormald, Andrew David*, 'The antecedents of loneliness in older people with an intellectual disability', *Research in Developmental Disabilities*, 85 (2019), 116-130 [A. Wormald, P. McCallion, M. McCarron]

Recent publications – Faculty of Health Sciences

School of Pharmacy and Pharmaceutical Sciences

Boylan, Fabio, 'Phenolic composition and antioxidant potential of different organs of Kazakh *Crataegus almaatensis* Pojark: a comparison with the European *Crataegus oxyacantha* L. flowers', *Open Chemistry*, 16, 1 (2018), 415-426 [E. Bekbolatova, W. Kukula-Koch, T. Baj (...), Z. Sakipova, F. Boylan]

'Quality standardization of herbal medicines of *Spondias dulcis* Parkinson using analytical and microbiological analysis', *Journal of Thermal Analysis and Calorimetry* (2018), 1-6 [F.H.A. Fernandes, F. Boylan, H.R.N. Salgado]

Byrne, Anne-Marie, 'Deoxycholic acid promotes development of gastroesophageal reflux disease and Barrett's oesophagus by modulating integrin- α trafficking', *Journal of Cellular and Molecular Medicine*, 21, 12 (2017), 3612-3625 [David Prichard, Anne Marie O'Byrne, James O. Murphy (...), Dermot P. Kelleher, Aideen Long]

'Un-conjugated secondary bile acids selectively activate the UPR and induce golgi fragmentation via a src-kinase dependant mechanism', *Oncotarget* (2017), 967 [R. Sharma, J. Gilmer, A. Long, A.M. Byrne]

'A fluorescent analogue of tauroursodeoxycholic acid reduces ER stress and is cytoprotective', *A fluorescent analogue of tauroursodeoxycholic acid reduces ER stress and is cytoprotective*, (2017), 5369 [J. Gavin, F. Quilty, G. Gilsenan, A.M. Byrne, A. Long, G. Radics, J.F. Gilmer]

D'Arcy, Deirdre, 'Investigation and simulation of dissolution with concurrent degradation under healthy and hypoalbuminaemic simulated parenteral conditions - case example amphotericin B', *European Journal of Pharmaceutics and Biopharmaceutics*, 127 (2018), 423-431 [Ricardo Díaz de León-Ortega, Deirdre M D'Arcy, Abert Bolhius, Nikoletta Fotaki]

'Understanding the potential for dissolution simulation to explore the effects of medium viscosity on particulate dissolution', *AAPS PharmSciTech*, 20, 2 (2019), 10.1208/s12249-018-1260-4 [D.M. D'Arcy, T. Persoons]

Ehrhardt, Carsten, 'Lung transporters and absorption mechanisms in the lungs', *Inhalation aerosols, physical and biological basis for therapy*, eds H.M. Mansour and A.J. Hickey, London, Informa HealthCare (2019), 57-70 [M.A. Selo, H.H.A. Al-Alak, C. Ehrhardt]

Frankish, Neil, 'Investigation of the stereoselective synthesis of the indane dimer PH46A, a new potential anti-inflammatory agent', *Organic Process Research and Development* (2018), 1972–1979 [Graham Cumming, Tao Zhang, Gaia Scalabrino, Neil Frankish, Helen Sheridan]

'The indane diastereoisomers, PH2 and PH5: divergence between their effects in delayed-type hypersensitivity models and a model of colitis', *Journal of Pharmacy and Pharmacology*, 70, 1 (2018), 101-110 [N.H. Frankish, B. McHale, H. Sheridan]

'Bioactive indanes: proof of concept study for enantioselective synthetic routes to ph46a, a new potential anti-inflammatory agent', *Molecules*, 23, 7 (2018), 1503 [T. Zhang, G. Scalabrino, N. Frankish, H. Sheridan]

Gobbo, Oliviero, 'Recommendations for in vitro and in vivo testing of magnetic nanoparticle hyperthermia combined with radiation therapy', *Nanomaterials (Basel)*, 8, 5 2018, 10.3390/nano8050306 [S.V. Spirou, S.A. Costa Lima, P. Bouziotis, S. Vranjes-Djuric, A. Laurenzana, A. Barbosa, I. Garcia-Alonso, C. Jones, D. Jankovic, O.L. Gobbo]

Grimes, Tamasine, 'Impact of medication reconciliation for improving transitions of care', *Cochrane Database of Systematic Reviews*, 8 (2018), <http://dx.doi.org/10.1002/14651858.CD010791.pub2>. [P. Redmond, T.C. Grimes, R. McDonnell, F. Boland, C. Hughes, T. Fahey]

'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), 2 [Emer M. Guinan, Emer M. Barrett, Freda Neill, Tamasine Grimes, Derek Sullivan, Maria O'Sullivan, Aileen Patterson, Tadhg Stapleton, Irene Walsh, John J. Walsh, Kevin C. Conlon]

Recent publications – Faculty of Health Sciences

- Harkin, Andrew*, 'Inhibitors of the NMDA-nitric oxide signaling pathway protect against neuronal atrophy and synapse loss provoked by L-alpha amino adipic acid-treated astrocytes', *Neuroscience*, 392 (2018), 38-56 [J. David, E. O'Toole, K. O'Reilly, G. Thuery, N. Assmann, D. Finlay, A. Harkin]
- 'Ketamine versus midazolam for depression relapse prevention following successful electroconvulsive therapy: a randomized controlled pilot trial', *Journal of ECT* (2018), <http://dx.doi.org/10.1097/YCT.0000000000000560> [M. Finnegan, T. Galligan, K. Ryan, E. Shanahan, A. Harkin, L. Daly, D.M. McLoughlin]
- 'Ketamine and depression: a special case for kynurenic acid?', *Brain Behavior and Immunity*, 75 (2019), 10-11 [A. Harkin, D.M. McLoughlin]
- 'Targeting the noradrenergic system for anti-inflammatory and neuroprotective effects: implications for Parkinson's disease', *Neural Regeneration Research*, 13, 8 (2018), 1332-1337 [E. O'Neill, A. Harkin]
- 'DNA methylation differences at the glucocorticoid receptor gene in depression are related to functional alterations in hypothalamic-pituitary-adrenal axis activity and to early life emotional abuse', *Psychiatry Research*, 265 (2018), 341-348 [C. Farrell, K. Doolin, N. O'Leary (...), A. Harkin *et al.*]
- 'Altered tryptophan catabolite concentrations in major depressive disorder and associated changes in hippocampal subfield volumes', *Psychoneuroendocrinology*, 95 (2018) [K. Doolin, K.A. Allers, S. Pleiner (...), A. Harkin, V. O'Keane]
- 'L-alpha-amino adipic acid provokes depression-like behaviour and a stress related increase in dendritic spine density in the pre-limbic cortex and hippocampus in rodents', *Behavioural Brain Research*, 362 (2019), 90-102 [J. David, S. Gormley, A. McIntosh, V. Kebede, G. Thuery, A. Varidaki, E.T. Coffey, A. Harkin]
- 'The β_2 -adrenoceptor agonist clenbuterol reduces the neuroinflammatory response, neutrophil infiltration and apoptosis following intra-striatal IL-1 β administration to rats', *Immunopharmacology and Immunotoxicology*, 40, 2 (2018), 99-106 [E.W. Griffin, J.D. Yssel, E. O'Neill, K.J. Ryan, N. Boyle, P. Harper, A. Harkin, T. Connor]
- Healy, Anne-Marie*, 'Novel iron-whey protein microspheres protect gut epithelial cells from iron-related oxidative stress and damage and improve iron absorption in fasting adults', *Acta Haematologica* (2018), 223-232 [J. Wang, G. Radics, M. Whelehan, A. O'Driscoll, A.M. Healy, J.F. Gilmer, M. Ledwidge]
- 'Development of a discriminative in vitro release test for rivastigmine transdermal patches using pharmacopeial apparatuses: USP 5 and USP 6', *AAPS PharmSciTech*, 18, 7 (2017), 2561-2569 [A. Simon, M.I. Amaro, A.M. Healy, L.M. Cabral, V.P. de Sousa]
- 'New aerosol formulation to control ciprofloxacin pulmonary concentration', *Journal of Controlled Release*, 271 (2018), 118-126 [B. Lamy, F. Tewes, D.R. Serrano, I. Lamarche, P. Gobin, W. Couet, A.M. Healy, S. Marchand]
- 'Production of cocrystals in an excipient matrix by spray drying', *International Journal of Pharmaceutics*, 536, 1 (2018), 467-477 [D. Walsh, D.R. Serrano, Z.A. Worku, B.A. Norris, A.M. Healy]
- 'Optimising the in vitro and in vivo performance of oral cocrystal formulations via spray coating', *European Journal of Pharmaceutics and Biopharmaceutics*, 124 (2018), 13-27 [D.R. Serrano, D. Walsh, P. O'Connell, N.A. Mugheirbi, Z.A. Work, F. Bolas-Fernandez, C. Galiana, M.A. Dea-Ayuela, A.M. Healy]
- 'Comparison of wet milling and dry milling routes for ibuprofen pharmaceutical crystals and their impact on pharmaceutical and biopharmaceutical properties', *Powder Technology*, 330 (2018), 228-238 [D. Kumar, Z.A. Worku, Y. Gao, V.K. Kamaraju, B. Glennon, R.P. Babu, A.M. Healy]

Recent publications – Faculty of Health Sciences

- 'A comparative study on the performance of inert and functionalized spheres coated with solid dispersions made of two structurally related antifungal drugs', *Molecular Pharmaceutics*, 14, 11 (2017), 3718-3728 [N.A. Mugheirbi, P. O'Connell, D.R. Serrano, A.M. Healy, L.S. Taylor, L. Tajber]
- 'Maximising success in multidrug formulation development: a review', *Journal of Controlled Release: Official Journal of the Controlled Release Society*, 283 (2018), 1-19 [O. Kavanagh, A. Albadarin, D. Croker, A.M. Healy, G. Walker]
- 'A comparative study between hot-melt extrusion and spray-drying for the manufacture of anti-hypertension compatible monolithic fixed-dose combination products.', *International Journal of Pharmaceutics*, 545, 1-2 (2018), 183-196 [J.F. Kelleher, G.C. Gilvary, A.M. Madi (...), G.P. Andrews, A.M. Healy]
- 'Development and characterization of dapsone cocrystal prepared by scalable production methods', *AAPS PharmSciTech*, 19, 6 (2018), 2687-2699 [L.H. do Amaral, F.A. do Carmo, M.I. Amaro, V.P. de Sousa, L. da Silva, G.S. de Almeida, C.R. Rodrigues, A.M. Healy, L.M. Cabral]
- 'Engineering of pharmaceutical cocrystals in an excipient matrix: spray drying versus hot melt extrusion', *International Journal of Pharmaceutics*, 551, 1-2 (2018), 241-256 [D. Walsh, D.R. Serrano, Z.A. Worku, A.M. Madi, P. O'Connell, B. Twamley, A.M. Healy]
- 'Development of a new formulation of roflumilast for pulmonary drug delivery to treat inflammatory lung conditions', *International Journal of Pharmaceutics*, 550, 1-2 (2018), 89-99 [É.Y. Suzuki, G.S. de Almeida, L.M. Cabral, A.M. Healy, V.P. de Sousa]
- 'In situ cocrystallization of dapsone and caffeine during fluidized bed granulation processing', *AAPS PharmSciTech*, 20:28, 1 (2019), <http://dx.doi.org/10.1208/s12249-018-1228-4> [V. Todaro, Z.A. Worku, L.M. Cabral, A.M. Healy]
- Henman, Martin**, 'Medication use and potentially inappropriate prescribing in older adults with intellectual disabilities: a neglected area of research', *Therapeutic Advances in Drug Safety* (2018), <http://journals.sagepub.com/doi/full/10.1177/2042098618782785> [M. O'Dwyer, P. McCarron, M. McCallion, M. Henman]
- 'Medication use and health screening in an ageing adult population with Down syndrome in Ireland: a descriptive study', *Journal of Policy and Practice in Intellectual Disabilities*, 15, 2 (2018), 145-154 [A. Belton, M. O'Dwyer, J. Peklar, P. McCallion, M. McCarron, M.C. Henman]
- 'The use of proton pump inhibitors among older adults with intellectual disability: a cross sectional observational study', *Saudi Pharmaceutical Journal*, 26, 7 (2018), 1012-1021 [H. Almutari, M. O'Dwyer, M. McCarron, P. McCallion, M. Henman]
- 'Prevalence and patterns of anti-epileptic medication prescribing in the treatment of epilepsy in older adults with intellectual disabilities', *Journal of Intellectual Disability Research*, 62, 3 (2018), 245-261 [M. O'Dwyer, J. Peklar, N. Mulryan, P. McCallion, M. McCarron, M.C. Henman]
- 'Teaching pharmaceutical care to pharmacists and other health professionals', *The pharmacist guide to implementing pharmaceutical care*, eds F.A. Da Costa, J.W.F. van Mil and A. Alvarez-Risco, Switzerland, Springer (2018), 491-502 [M. Henman, D. Kibuule, M. Mubita]
- 'Pharmaceutical care and dispensing medicines', *The pharmacist guide to implementing pharmaceutical care*, eds F.A. Da Costa, J.W.F. van Mil and A. Alvarez-Risco, Switzerland, Springer (2018), 251-259 [L. Lourenco, J.W.F. van Mil, M. Henman]
- Madi, Atif**, 'Pharmaceutical solvates, hydrates and amorphous forms: a special emphasis on cocrystals', *Advanced Drug Delivery Reviews*, 117 (2017), 25-46 [A.M. Healy, Z.A. Worku, D. Kumar, A.M. Madi]
- 'A comparative study between hot-melt extrusion and spray-drying for the manufacture of anti-hypertension compatible monolithic fixed-dose combination products', *International Journal of Pharmaceutics*, 545, 1-2 (2018), 183-196 [J.F. Kelleher, G.C. Gilvary, A.M. Madi (...), G.P. Andrews, A.M. Healy]

Recent publications – Faculty of Health Sciences

- 'Engineering of pharmaceutical cocrystals in an excipient matrix: spray drying versus hot melt extrusion', *International Journal of Pharmaceutics*, 551, 1-2 (2018), 241-256 [D. Walsh, D.R. Serrano, Z.A. Worku, A.M. Madi, P. O'Connell, B. Twamley, A.M. Healy]
- Medina Martin, Carlos**, 'Modified high-molecular-weight hyaluronan promotes allergen-specific immune tolerance', *American Journal of Respiratory Cell and Molecular Biology*, 56, 1 (2017), 109-120 [J.A. Gebe, K. Yadava, S.M. Ruppert (...), C. Medina *et al.*]
- 'The role of mucin in the toxicological impact of polystyrene nanoparticles', *Materials*, 11, 5 (2018), 724 [I. Inkielewicz-Stepniak, L. Tajber, G. Behan, H. Zhang, M.W. Radomski, C. Medina, M.J. Santos-Martinez]
- Mukhopadhyaya, Anindya**, 'Seaweed extracts and galacto-oligosaccharides improve intestinal health in pigs following *Salmonella typhimurium* challenge', *Animal*, 11, 09 (2017), 1488-1496 [M.A. Bouwhuis, M.J. McDonnell, T. Sweeney, A. Mukhopadhyaya, C.J. O'Shea, J.V. O'Doherty]
- 'Maternal laminarin supplementation decreases *Salmonella typhimurium* shedding and improves intestinal health in piglets following an experimental challenge with *S. typhimurium* post-weaning', *Animal Feed Science and Technology*, 223 (2017), 156-168 [M.A. Bouwhuis, T. Sweeney, A. Mukhopadhyaya, M.J. McDonnell, J.V. O'Doherty]
- 'Zinc methionine and laminarin have growth-enhancing properties in newly weaned pigs influencing both intestinal health and diarrhoea occurrence', *Journal of Animal Physiology and Animal Nutrition*, 101, 6 (2017), 1273-1285 [M.A. Bouwhuis, T. Sweeney, A. Mukhopadhyaya, K. Thornton, P.O. McAlpine, J.V. O'Doherty]
- O'Driscoll, Lorraine**, 'Can hi-jacking hypoxia inhibit extracellular vesicles in cancer?', *Drug Discovery Today*, 23, 6 (2018), 1267-1273 [M.C. Lowry, L. O'Driscoll]
- 'Extracellular vesicles and anti-cancer drug resistance', *BBA Cancer*, 1870, 2 (2018), 123-136 [N. McNamee, L. O'Driscoll]
- 'Development of acquired resistance to lapatinib may sensitise HER2-positive breast cancer cells to apoptosis induction by obatoclox and TRAIL', *BMC Cancer*, 18, 1 (2018), <http://dx.doi.org/10.1186/s12885-018-4852-1> [A.J. Eustace, N.T. Conlon, M.S.J. McDermott (...), L. O'Driscoll *et al.*]
- O'Dwyer, Maire**, 'Prevalence and associated factors of challenging behaviours among older adults with intellectual disability in Ireland', *Research in Developmental Disabilities* (2018), <https://doi.org/10.1016/j.ridd.2018.05.007> [C. O'Dwyer, P. McCallion, E. Burke, M. O'Dwyer, R. Carroll, P. McCarron, M. McCarron]
- 'Medication use and potentially inappropriate prescribing in older adults with intellectual disabilities: a neglected area of research', *Therapeutic Advances in Drug Safety* (2018), <http://journals.sagepub.com/doi/full/10.1177/2042098618782785> [M. O'Dwyer, M. McCarron, P. McCallion, M. Henman]
- 'Medication use and health screening in an ageing adult population with Down syndrome in Ireland: a descriptive study', *Journal of Policy and Practice in Intellectual Disabilities*, 15, 2 (2018), 145-154 [A. Belton, M. O'Dwyer, J. Peklar, P. McCallion, M. McCarron, M.C. Henman]
- 'The use of proton pump inhibitors among older adults with intellectual disability: a cross sectional observational study', *Saudi Pharmaceutical Journal*, 26, 7 (2018), 1012-1021 [H. Almutari, M. O'Dwyer, M. McCarron, P. McCallion, M. Henman]
- 'Use of high risk medicines in older adults with intellectual disabilities: a cross-sectional study', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European Congress*, Athens (2018), 544-544 [M. O'Dwyer, N. Galvin, P. McCallion, M. McCarron, M. Henman, J. O'Connell]
- 'Psychotropic drug use in older adults with intellectual disabilities who have dementia in Ireland', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European congress*, Athens (2018), 544 [M. O'Dwyer, J. Hughes, P. McCallion, M. McCarron, M. Henman]

Recent publications – Faculty of Health Sciences

- 'Associations of medicine use with falls and bone health in older adults with intellectual disabilities', *Journal of Applied Research in Intellectual Disabilities, IASSIDD European congress*, Athens (2018), 544 [M. O'Dwyer, E. Burke, S. Foran, M. McCarron, P. McCallion]
- 'Osteoporosis and people with Down syndrome: a preliminary descriptive examination of the intellectual disability supplement to The Irish Longitudinal Study on Ageing wave 1 results', *Health*, 10, 9 (2018), 1233-1249 [E.A. Burke, R. Carroll, M. O'Dwyer, J.B. Walsh, P. McCallion, M. McCarron]
- 'The association of life events and mental ill health in older adults with intellectual disability: results of the wave 3 intellectual disability supplement to The Irish Longitudinal Study on Ageing', *Journal of Intellectual Disability Research* (2019), <http://dx.doi.org/10.1111/jir.12595> [L. Bond, R. Carroll, N. Mulryan, M. O'Dwyer, J. O'Connell, R. Monaghan, F. Sheerin, P. McCallion, M. McCarron]
- Ruiz-Hernandez, Eduardo**, 'A collagen cardiac patch incorporating alginate microparticles permits the controlled release of HGF and IGF-1 to enhance cardiac stem cell migration and proliferation', *Journal of Tissue Engineering and Regenerative Medicine*, 12 (2018), e384-e394 [H. O'Neill, J.O. O'Sullivan, N. Porteous, E. Ruiz-Hernandez, H. Kelly, F. O'Brien, G.P. Duffy]
- 'Drug delivery nanosystems for the localized treatment of glioblastoma multiforme', *Materials*, 11, 5 (2018), 779 [L. Nam, C. Coll, L.C.S. Erthal, C. de la Torre, D. Serrano, R. Martínez-Mañez, M.J. Santos-Martínez, E. Ruiz-Hernández]
- Santos-Martínez, María**, 'Differential eNOS-signalling by platelet subpopulations regulates adhesion and aggregation', *Cardiovascular Research*, 113, 14 (2017), 1719-1731 [A. Radziwon-Balicka, G. Lesyk, V. Back (...), J.M. Seubert, P. Jurasz]
- 'Platelet microaggregation in sepsis examined by quartz crystal microbalance with dissipation technology', *Platelets*, 29, 3 (2018), 301-304 [C.M. Larkin, E.P. Breen, K.A. Tomaszewski, S. Eisele, M.W. Radomski, T.A. Ryan, M.J. Santos-Martínez]
- 'The role of mucin in the toxicological impact of polystyrene nanoparticles', *Materials*, 11, 5 (2018), 1-12 [I. Inkielewicz-Stepniak, L. Tajber, G. Behan, H. Zhang, M.W. Radomski, C. Medina, M.J. Santos-Martínez]
- 'Drug delivery nanosystems for the localized treatment of glioblastoma multiforme', *Materials*, 11, 5 (2018), 779 [L. Nam, C. Coll, L.C.S. Erthal, C. de la Torre, D. Serrano, R. Martínez-Mañez, M.J. Santos-Martínez, E. Ruiz-Hernández]
- 'Role of matrix metalloproteinases 2 and 9, toll-like receptor 4 and platelet-leukocyte aggregate formation in sepsis-associated thrombocytopenia', *PLoS ONE* (2018), <http://dx.doi.org/10.1371/journal.pone.0196478> [C.M. Larkin, N.K. Hante, E.P. Breen, K.A. Tomaszewski, S. Eisele, M.W. Radomski, T.A. Ryan, M.J. Santos-Martínez]
- 'Freeze drying of polyelectrolyte complex nanoparticles: effect of nanoparticle composition and cryoprotectant selection', *International Journal of Pharmaceutics*, 552, 1-2 (2018), 27-38 [A. Umerska, K.J. Paluch, M.J. Santos-Martínez, O.I. Corrigan, C. Medina, L. Tajber]
- Sasse, Astrid**, 'Current enlightenment about etiology and pharmacological treatment of autism spectrum disorder', *Frontiers in Neuroscience*, 12 (2018), 304 [N. Eissa, M. Al-Houqani, A. Sadeq, S.K. Ojha, A. Sasse, B. Sadek]
- 'Methodologies to identify and analyze genetic polymorphisms for human histamine receptors', *Histamine receptors as drug targets*, eds Ekaterini Tiligada and Madeleine Ennis, Humana Press, Springer Nature (2017), 1-18 [Stephany Micallef, Astrid Sasse]
- Sheridan, Helen**, 'Trichomes and naphthoquinones protect *Streptocarpus dunnii* Hook.f. against environmental stresses', *South African Journal of Botany*, 119 (2018), 193-202 [I. Hook, H. Sheridan, C. Reid]
- 'Bioactive indanes: proof of concept study for enantioselective synthetic routes to PH46A, a new potential anti-inflammatory agent', *Molecules*, 23, 7 (2018), 1503 [T. Zhang, G. Scalabrino, N. Frankish, H. Sheridan]

Recent publications – Faculty of Health Sciences

- 'Dietary natural products and their potential to influence health and disease including animal model studies - a review', *Animal Science Papers and Reports*, 36, 4 (2018), 345-358 [Andy Wai Kan Yeung, Bharat Bhushan Aggarwal, Helen Sheridan *et al.*]
- 'Bioactive indanes: comparative in vitro metabolism study of ph46a, a new potential anti-inflammatory agent and biosynthesis of its primary metabolite PH132', *Pharmaceutical Sciences*, 9, 2 (2018), 1-14 [Tao Zhang, Neil Frankish, Gaia Scalabrino, Helen Sheridan]
- Tajber, Lidia, 'The role of mucin in the toxicological impact of polystyrene nanoparticles', *Materials*, 11, 5 (2018), 1-12 [I. Inkielewicz-Stepniak, L. Tajber, G. Behan, H. Zhang, M.W. Radomski, C. Medina, M.J. Santos-Martinez]
- 'Can storage time improve the physical stability of amorphous pharmaceuticals with tautomerization ability exposed to compression? The case of a chloramphenicol drug', *Molecular Pharmaceutics*, 15, 5 (2018), 1928-1940 [J. Knapik-Kowalczyk, Z. Wojnarowska, K. Chmiel, M. Rams-Baron, L. Tajber, M. Paluch]
- 'Comparison of particle size methodology and assessment of nanoparticle tracking analysis (NTA) as a tool for live monitoring of crystallisation pathways', *European Journal of Pharmaceutics and Biopharmaceutics*, 130 (2018), 314-326 [K. McComiskey, L. Tajber]
- 'Intra-articular delivery of a nanocomplex comprising salmon calcitonin, hyaluronic acid, and chitosan using an equine model of joint inflammation', *Drug Delivery and Translational Research*, 8, 5 (2018), 1421-1435 [S. Sladek, C. Kearney, D. Crean, P.A.J. Brama, L. Tajber, K. Fawcett, M.C. Labberte, B. Leggett, D.J. Brayden]
- 'Freeze drying of polyelectrolyte complex nanoparticles: effect of nanoparticle composition and cryoprotectant selection', *International Journal of Pharmaceutics*, 552, 1-2 (2018), 27-38 [A. Umerska, K.J. Paluch, M.J. Santos-Martinez, O.I. Corrigan, C. Medina, L. Tajber]
- 'Phase diagrams of polymer-dispersed liquid crystal systems of itraconazole - component immiscibility induced by molecular anisotropy', *Molecular Pharmaceutics*, 15, 11 (2018), 5192-5206 [A. Kozyra, N.A. Mugheirbi, K.J. Paluch, G. Garbacz, L. Tajber]
- 'The effect of electrostatic interactions on the formation of pharmaceutical eutectics', *Physical Chemistry Chemical Physics*, 20, 43 (2018), 27361-27367 [Z. Wojnarowska, W. Smolka, J. Zotova, J. Knapik-Kowalczyk, A. Sherif, L. Tajber, M. Paluch]
- 'Evaluation of physicochemical and tableting properties of rutin-cyclodextrin complexes', *Acta pharmaceutica Hungarica, 12th central European symposium on pharmaceutical technology and regulatory affairs*, Szeged, Hungary (2018), 184-185 [M. Paczkowska, K. Bialek, A. McDonagh, J. Cielecka-Piontek, L. Tajber]
- 'Application of PAMPA gastrointestinal model to predict permeability of sumatriptan in free form and in system with cyclodextrin derivatives', *Acta pharmaceutica Hungarica, 12th central European symposium on pharmaceutical technology and regulatory affairs*, Szeged, Hungary (2018), 194-195 [M. Paczkowska, L. Tajber, J. Cielecka-Piontek]
- Worku, Zelalem, 'Modelling and understanding powder flow properties and compactability of selected active pharmaceutical ingredients, excipients and physical mixtures from critical material properties', *International Journal of Pharmaceutics*, 531, 1 (2017), 191-204 [Z.A. Worku, D. Kumar, J.V. Gomes, Y. He, B. Glennon, K.A. Ramisetty, A.C. Rasmuson, P. O'Connell, K.H. Gallagher, T. Woods, N.R. Shastri, A.M. Healy]