

Recent Publications - Faculty of Health Sciences

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

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School of Dental Science

ORAL BIOSCIENCES

Coleman, David, 'Editorial: New insights and updates on the molecular epidemiology and antimicrobial resistance of MRSA in humans in the whole-genome sequencing era', *Frontiers in Microbiology*, 10, 637 (2019), 1-3 [D.C. Coleman, A.C. Shore, R.V. Goering, S. Monecke]

'A molecular epidemiological investigation of methicillin-susceptible *Staphylococcus aureus* causing bloodstream infections in Ireland, 2006-2017', *European Journal Of Clinical Microbiology and Infectious Diseases*, 38, 5 (2019), 927-936 [E.C. Deasy, G.I. Brennan, S.C. Tecklenborg, C. Umeh, D.C. Coleman, A.C. Shore]

'The contribution of whole-genome sequencing to our understanding of the epidemiology and control of methicillin-resistant *Staphylococcus aureus*', *Journal of Hospital Infection*, 102, 2 (2019), 189-199 [H. Humphreys, D.C. Coleman]

'First description of arginine catabolic mobile element (ACME) type VI harboring the KDP operon only in *Staphylococcus epidermidis* using short and long read whole genome sequencing: further evidence of ACME diversity', *Infection Genetics And Evolution*, 71, July (2019), 51-53 [B.A. McManus, A.M O'Connor, S.A. Egan, P.R. Flanagan, D.C. Coleman]

'Evolution and global transmission of a multidrug-resistant, community-associated methicillin-resistant *Staphylococcus aureus* lineage from the Indian subcontinent', *Mbio*, 10, 6 (2019), 1-20 (E01105-19) [E.J. Steinig, S. Duchene, D.A. Robinson (...), D.A. Coleman *et al.*]

'Decontamination of hand washbasins and traps in hospitals', *Decontamination in hospitals and healthcare*, eds Jimmy Walker, Duxford, United Kingdom, Woodhouse Publishing (2020), 135-161 [D.C. Coleman, E.C. Deasy, E.M. Moloney, J.S. Swan, M.J. O'Donnell]

'Whole-genome sequencing identifies highly related *Pseudomonas aeruginosa* strains in multiple washbasin U-bends at several locations in one hospital: evidence for trafficking of potential pathogens via wastewater pipes', *Journal of Hospital Infection*, 104 (2020), 1-19 [E.M. Moloney, E.C. Deasy, J.S. Swan, G.I. Brennan, M.J. O'Donnell, D.C. Coleman]

Deasy, Emily, 'A molecular epidemiological investigation of methicillin-susceptible *Staphylococcus aureus* causing bloodstream infections In Ireland, 2006-2017', *European Journal of Clinical Microbiology and Infectious Diseases*, 38, 5 (2019), 927-936 [E.C. Deasy, G.I. Brennan, S.C. Tecklenborg, C. Umeh, D.C. Coleman, A.C. Shore]

'Decontamination of hand washbasins and traps in hospitals', *Decontamination in hospitals and healthcare*, eds Jimmy Walker, Duxford, United Kingdom, Woodhouse Publishing (2020), 135-161 [D.C. Coleman, E.C. Deasy, E.M. Moloney, J.S. Swan, M.J. O'Donnell]

McManus, Brenda, 'First description of arginine catabolic mobile element (ACME) type VI harboring the KDP operon only in *Staphylococcus epidermidis* using short and long read whole genome sequencing: further evidence of ACME diversity', *Infection Genetics And Evolution*, 71, July (2019), 51-53 [B.A. Mcmanus, A.M. O'Connor, S.A. Egan, P.R. Flanagan, D.C. Coleman]

Recent publications – Faculty of Health Sciences

O'Donnell, Mary, 'Decontamination of hand washbasins and traps in hospitals', *Decontamination in hospitals and healthcare*, eds J. Walker, Duxford, United Kingdom, Woodhouse Publishing (2020), 135-161 [D.C. Coleman, E.C. Deasy, E.M. Moloney, J.S. Swan, M.J. O'Donnell]

'Whole-genome sequencing identifies highly related *Pseudomonas aeruginosa* strains in multiple washbasin U-bends at several locations in one hospital: evidence for trafficking of potential pathogens via wastewater pipes', *Journal of Hospital Infection*, 104 (2020), 1-19 [E.M. Moloney, E.C. Deasy, J.S. Swan, G.I. Brennan, M.J. O'Donnell, D.C. Coleman]

Sullivan, Derek, 'Role of mediator in virulence and antifungal drug resistance in pathogenic fungi', *Current Genetics*, 65 (2019), 621-630 [G.P. Moran, M.Z. Anderson, L.C. Myers, D.J. Sullivan]

ORAL AND MAXILLOFACIAL SURGERY, MEDICINE, PATHOLOGY AND RADIOLOGY

Galvin, Sheila, 'Human disease/clinical medical sciences in dentistry: current state and future directions of undergraduate teaching in the U.K. and Ireland', *European Journal of Dental Education*, 22, 3 (2018), E588-3593 [P.A. Atkin, S. Thomas, J.R. Cook (...), S. Galvin *et al.*]

'Raman spectral study of saliva: a new tool for detection of malignant and premalignant oral lesions', *Oral Surgery, Oral Medicine, Oral Pathology And Oral Radiology*, 128, 1 (2019), E90 [G. Calado, I. Behi, M.L. Pimentel (...), S. Galvin *et al.*]

'Minimally-invasive oral exfoliated cells study for premalignant lesions using Raman microspectroscopy', *Oral Surgery, Oral Medicine, Oral Pathology And Oral Radiology*, 128, 1 (2019), E28-E29 [I. Behi, G. Calado, A. Malkin, S. Galvin, S. Flint, M. L. Pimentel, H.J. Byrne, F. Lyng]

Healy, Claire, 'The microbiome and oral cancer: more questions than answers', *Oral Oncology*, 89 (2019), 30-33 [C.M. Healy, G.P. Moran]

'Laryngeal cancer risks in workers exposed to lung carcinogens: exposure-effect analyses using a quantitative job exposure matrix', *Epidemiology (Cambridge, Mass.)*, 31, 1 (2020), 145-154 [A.L. Hall, H. Kromhout, J. Schüz (...), C. Healy *et al.*]

'Prediction of survival of HPV16-negative, p16-negative oral cavity cancer patients using a 13-gene signature: a multicenter study using FFPE samples', *Oral Oncology*, 100 (2020), 104487 [C. Chen, P. Lohavanichbutr, Y. Zhang (...), C.M. Healy *et al.*]

'Joint effects of intensity and duration of cigarette smoking on the risk of head and neck cancer: a bivariate spline model approach', *Oral Oncology*, 94 (2019), 47-57 [G.D. Credico, V. Edefonti, J. Polesel (...), Healy C. *et al.*]

Stassen, Leo, 'Is eminctomy effective in the management of chronic closed lock?', *Journal of Maxillofacial and Oral Surgery*, 19, 1 (2020), 67-73 [K. Shah, A.N. Brown, R. Clark, M. Israr, D. Starr, L.F.A. Stassen]

PUBLIC AND CHILD DENTAL HEALTH

Daly, Blanaid, 'U.K. hemophilia treaters' knowledge of risk assessment for prolonged bleeding associated with dental procedures', *Special Care Dentistry*, 39, 2 (2019), 173-179 [A. Rahman, N. Nizarali, A. Dougall, B. Daly]

'Safety of buccal infection local anaesthesia for dental procedures', *Haemophilia*, 25, 2 (2019), 270-275 [A. Dougall, O. Apperley, G. Smith, L. Madden, L. Parkinson, B. Daly]

'Altered salivary flow, protein composition, and rheology following taste and TRP stimulation in older adults', *Frontiers Physiology*, 31, 10 (2019), 65 [R.G. Pushpass, B. Daly, C. Kelly, G. Proctor, G.H. Carpenter]

'Understanding and tackling oral health inequalities in vulnerable adult populations: from the margins to the mainstream', *British Dental Journal*, 227, 1 (2019), 49-54 [R.G. Watt, R. Venturelli, B. Daly]

'Oral diseases: a global public health challenge', *Lancet*, 394, 10194 (2019), 249-260 [M.A. Peres, L.M.D. Macpherson, R.J. Weyant (...), B. Daly *et al.*]

Recent publications – Faculty of Health Sciences

- 'Ending the neglect of global oral health: time for radical action', *Lancet*, 394, 10194 (2019), 261-272 [R.G. Watt, B. Daly, P. Allison (...), C. Kearns, H. Benizian]
- 'Patients with cleft: experiences, understanding and information provision during treatment', *Orthodontic Craniofacial Research*, 22, 4 (2019), 289-295 [R.J. Abualfaraj, F. McDonald, B. Daly, S. Scambler]
- 'The impact of 0.2% chlorhexidine gel on oral health and the incidence of pneumonia amongst adults with profound complex neurodisability', *Special Care Dentistry*, 39, 5 (2019), 524-532 [R. Prasad, B. Daly, G. Manley]
- 'Patients with head and neck cancers' oral health knowledge, oral health-related quality of life, oral health status, and adherence to advice on discharge to primary dental care: a prospective observational study', *Special Care Dentistry*, 39, 6 (2019), 593-602 [H. Abed, D. Reilly, M. Burke, B. Daly]
- Dougall, Alison**, 'Safety of buccal infiltration local anaesthesia for dental procedures', *Haemophilia*, 25, 2 (2019), 270-275 [A. Dougall, O. Appertley, G. Smith, L. Madden, L. Parkinson, B. Daly]
- 'U.K. hemophilia treaters' knowledge of risk assessment for prolonged bleeding associated with dental procedures', *Special Care in Dentistry*, 39, 2 (2019), 173-179 [A. Rahman, N. Nizarali, A. Dougall, B. Daly]
- 'Non-gynaecological issues in women with bleeding disorders', *The Journal of Haemophilia Practice*, 6, 2 (2019), 39-43 [E. Biguzzi, A. Dougall, O. Romero-Lux]
- 'Development of a battery of tests to measure attitudes and intended behaviours of dental students towards people with disability or those in marginalised groups', *European Journal of Dental Education*, 22, 2 (2018), e278-e290 [D. Faulks, A. Dougall, G. Ting, T. Ari, J. Nunn, C. Friedman, J. John, B. Daly, V. Roger-Leroi, J.T. Newton]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

- Duncan, Hal**, 'Histone acetylation as a regenerative target in the dentine-pulp complex', *Frontiers in Genetics*, 11, 1 (2020), [1-8] [Y. Yamauchi, P. Roy Cooper, E. Shimizu, Y. Kobayashi, A.J. Smith, H.F. Duncan]
- Harrison, Peter**, 'Association of P2RX7 functional variants with localized aggressive periodontitis', *Journal of Periodontal Research* (2019), <http://dx.doi.org/10.1111/jre.12682> [T.H. Harris, M.R. Wallace, H. Li, A. Mohuddeen, Y. Gong, T. Kompotiati, P. Harrison, I. Aukhil, L.M. Shaddox]
- MacCarthy, Denise**, 'Oral health after radiotherapy for head and neck cancer: two case reports', *Journal of the Irish Dental Association*, 65, 4 (2019), 208-210 [D.S. Dineen, L. Collazo, D. MacCarthy]
- O'Sullivan, Jeffrey**, 'Salivary N-glycosylation as a biomarker of oral cancer: a pilot study', *Glycobiology* (2019), doi.org/10.1093/glycob/cwz046 [N. Sinevici, S. Mittermayer, G.P. Davey, J. Bones, J. O'Sullivan]
- Polyzois, Ioannis**, 'Case report: management of an impacted second premolar', *Journal of the Irish Dental Association*, 65, 2 (2019), 95-98 [B.A. Martin, I. Polyzois, P.N. Synodinos]
- 'European survey on criteria of aesthetics for periodontal evaluation: the ESCAPE study', *Journal of Clinical Periodontology*, 46, (11) Nov (2019), 1116-1123 [S. Le Roch, F. Rouche, F. Valet (...), I. Polyzois et al.]
- 'Diagnosis and non-surgical treatment of peri-implant diseases and maintenance care of patients with dental implant', *International Dental Journal*, 69 (2019), 12-17 [S. Renvert, H. Hirooka, Hideaki, I. Ioannis, A. Kelekis-Cholakis, H-L. Wang]
- Yamauchi, Yukako**, 'Histone acetylation as a regenerative target in the dentine-pulp complex', *Frontiers in Genetics*, 11, 1 (2020), [1-8] [Y. Yamauchi, P.R. Cooper, E. Shimizu, Y. Kobayashi, A.J. Smith, F. Duncan]

**Recent publications – Faculty of Health Sciences
School of Medicine**

- Guinan, Emer*, '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]
- 'Exercise rehabilitation services provided by physiotherapy departments in Ireland', *Irish Medical Journal*, 111, 9 (2018), 818 [S. Mulcahy, J. Prendergast, G. Foley, A. O'Hare, E. Murphy, E.M. Guinan, J. Hussey]
- 'Quantifying postoperative mobilisation following oesophagectomy', *Physiotherapy*, 105, 1 (2018), 126-133 [J.M. Hussey, T. Yang, J. Dowds, L. O'Connor, J.V. Reynolds, E.M. Guinan]
- 'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), 2 [E.M. Guinan, E.M. Barrett, F. Neill (...), J.J. Walsh, K.C. Conlon]
- 'Effect of preoperative inspiratory muscle training on physical functioning following esophagectomy', *Diseases of the Esophagus*, 32, 32 (2018), doy091 [E.M. Guinan, C. Forde, L. O'Neill (...), J.M. Hussey, J.V. Reynolds]
- '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), <http://dx.doi.org/10.1136/bmjopen-2018-022899> [R.U. Newton, S.A. Kenfield, N.H. Hart (...), E.M. Guinan *et al.*]
- 'Acute high-intensity aerobic exercise affects brain-derived neurotrophic factor in mild cognitive impairment: a randomised controlled study', *BMJ Open Sport and Exercise Medicine*, 5 (2019), <http://dx.doi.org/10.1136/bmjsem-2018-000499> [K.E. Devenney, E.M. Guinan Á.M. Kelly, B.C. Mota, C. Walsh, M.O. Rikkert, S. Schneider, B. Lalor]
- 'Measuring the impact of oesophagectomy on physical functioning and physical activity participation: a prospective study', *BMC Cancer*, 19, 682 (2019), <http://hdl.handle.net/2262/89329> [E.M. Guinan, A.E. Bennett, S.L. Doyle, L. O'Neill, J. Gannon, G. Foley, J.A. Elliott, J. O'Sullivan, J.V. Reynolds, J. Hussey]
- 'Considerations for exercise prescription in patients with bone metastases: a comprehensive narrative review', *Physical Medicine and Rehabilitation*, 10, 8 (2018), 843-864 [G. Sheill, E.M. Guinan, N. Peat, J. Hussey]
- 'Cardiorespiratory fitness and cognitive function are positively related among participants with mild and subjective cognitive impairment', *Journal of Alzheimer's Disease*, 62, 4 (2018), 1865-1875 [T. Stuckenschneider, C.D. Askew, S. Rudiger (...), E.M. Guinan *et al.*]
- 'The effect of neoadjuvant chemoradiation on preoperative pulmonary physiology, postoperative respiratory complications and quality of life in patients with oesophageal cancer', *British Journal of Surgery*, 106, 10 (2019), 1341-1351 [J.A. Elliott, L. O'Byrne, G. Foley, C.F. Murphy, S.L. Doyle, S. Kind, E.M. Guinan, R. Narayanasamy, J.B. Reynolds]
- 'Real world recruiting of older subjects with mild cognitive impairment for exercise trials: community readiness is pivotal', *Journal of Alzheimer's Disease*, 62, 2 (2018), 579-581 [M.L. Sanders, T. Stuckenschneider, K.E. Devenney (...), E.M. Guinan *et al.*]
- 'Physical recovery in the first six months following oesophago-gastric cancer surgery. Identifying rehabilitative needs: a qualitative interview study', *Disability and Rehabilitation* (2019), 1-8 [L.M. O'Neill, A.E. Bennett, E. Guinan, J.V. Reynolds, J. Hussey]
- 'Exercise interventions for patients with advanced cancer: a systematic review of recruitment, attrition, and exercise adherence rates', *Palliative and Supportive Care*, 17, 6 (2019), 686-696 [G. Sheill, E. Guinan, L. Brady, D. Hevey, J. Hussey]
- 'Preoperative inspiratory muscle training in patients undergoing esophagectomy: the results of the PREPARE trial, an international multicenter RCT', *British Journal of Surgery*, 105, 5 (2018), 502-511 [K. Valkenet, T. Trappenburg, J. Ruurda (...), E. Guinan *et al.*]

Recent publications – Faculty of Health Sciences

- 'Changes in gut hormones, glycaemic response and symptoms after oesophagectomy', *British Journal of Surgery*, 106, 6 (2019), 735-746 [J.A. Elliott, N. Docherty, C. Murphy, H. Eckhardt, S.L. Doyle, E. Guinan, N. Ravi, J.V. Reynolds, C. Le Roux]
- 'Physical function in patients with resectable cancer of the pancreas and liver - a systematic review', *Journal of Cancer Survivorship* (2020), <https://doi.org/10.1007/s11764-020-00875-x> [L. O'Neill, S. Reynolds, G. Sheill, E. Guinan, D. Mockler, J. Geoghegan, K. Conlon, J.V. Reynolds, J. Hussey]
- Hennessy, Martina**, '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]
- 'Limited evidence exists on the effectiveness of education and training interventions on trial recruitment; a systematic review', *Journal of Clinical Epidemiology*, 113(2019), 75-82 [H. Delaney, D. Devane, M. Hennessy, A. Parker, L. Murphy, P. Cronin, C. Smith]
- 'More teaching - not more exams: interns - views in improving prescribing safety', *Irish Medical Journal*, 112, 5 (2019), 943 [M.P. O'Shea, K. Harkin, H.M. Sulaiman, M. Hennessy, M. Barry, C. Kennedy]
- Murphy, Sinead**, 'Patterns of mortality in modern stroke care', *Ir Med J*, 111, 5 (2018), P750 [M. D'Alton, T. Coughlan, N. Cogan (...), S. Murphy *et al.*]
- '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 (...), S.M. Murphy *et al.*]
- 'Platelet count and profile of reticulated platelets and red cell reticulocytes in patients with recently symptomatic versus asymptomatic carotid stenosis: results from the HaEmostasis In carotid STenosis (HEIST) study', *Journal of Neurology*, 265 (2018), 1037 [S.J.X. Murphy S.T. Lim, J.A. Kinsella (...), D.J.H. McCabe, HEIST study group]
- Patterson, Aileen**, 'Attitudes to interprofessional education among health science students engaging in a multidisciplinary workshop series', *International Journal of Health Sciences Education*, 5, 1 (2018), Article 2 [E.M. Guinan, E.M. Barrett, F. Neill (...), A. Patterson *et al.*]
- 'Developing a national undergraduate standardized curriculum for future healthcare professionals on "making every contact count" for chronic disease prevention in the republic of Ireland', *Journal of Interprofessional Care* (2019), 1-5 [D. Sinclair, E. Savage, M. O' Brien (...), A. Patterson *et al.*]
- Pender, Niall**, 'Needs of informal caregivers across the caregiving course in amyotrophic lateral sclerosis: a qualitative analysis', *BMJ Open*, 8, 1 (2018), e018721 [M. Galvin, S. Carney, B. Corr, I. Mays, N. Pender, O. Hardiman]
- 'Connectivity-based characterisation of subcortical grey matter pathology in frontotemporal dementia and ALS: a multimodal neuroimaging study', *Brain Imaging Behav* (2018), 1-19 [P. Bede, T. Omer, E. Finegan (...), N. Pender *et al.*]
- 'Extra-motor pathology in ALS-FTD: looking beyond C9orf72', *Neurology*, 90, 15 Supplement (2018), S25.003 [E. Finegan, R. Chipika, T. Omer, M.A. Doherty, A. Vajda, R.L. McLaughlin, N. Pender, O. Hardiman, P. Bede]
- 'Characterisation of basal ganglia pathology in frontotemporal dementia: a connectivity-based multimodal neuroimaging study', *Neurology*, 90, 15 Supplement (2018), S34.002 [P. Bede, E. Finegan, R. Chipika, T. Omer, N. Pender, S. Hutchinson, O. Hardiman]
- 'Neurophysiological markers of network dysfunction in neurodegenerative diseases', *Neuroimage Clin*, 22 (2019), 101706 [R. McMackin, P. Bede, N. Pender, O. Hardiman, B. Nasseroleslami]

Recent publications – Faculty of Health Sciences

'Building a supportive framework for brain research in Ireland: inaugural position paper of the Irish Brain Council', *European Journal of Neuroscience*, 49, 11 (2019), 1362-1370 [M. Rogers, B. Boland, S. Clarke (...), N. Pender *et al.*]

'ALS-specific cognitive and behavior changes associated with advancing disease stage in ALS', *Neurology*, 91, 15 (2018), E1370-E1380 [C. Crockford, J. Newton, K. Lonergan (...), N. Pender *et al.*]

'Determining the incidence of familiarity in ALS', *Neurology: Genetics*, 4, 3 (2018), <http://hdl.handle.net/2262/89409> [M. Ryan, M. Heverin, M.A. Doherty, N. Davis, E.M. Corr, A. Vajda, N. Pender, R. McLaughlin, O. Hardiman]

'Cognitive change in cognitively intact amyotrophic lateral sclerosis: reliable change index in a population-based cohort. (P5. 197)', *Neurology, American academy of neurology annual conference*, Wolters Kluwer Health, Inc. on behalf of the American Academy of Neurology (2018), 197 [T. Burke, M. Pinto Grau, K. Lonergan, P. Bede, O. Hardiman, N. Pender]

'Decreased EEG spectral power and increased cortico-cortical connectivity correlate with structural MRI changes in amyotrophic lateral sclerosis. (P2. 036)', *Neurology, American academy of neurology annual conference*, Wolters Kluwer Health, Inc. on behalf of the American Academy of Neurology (2018), p2.036 [B. Nasserolelami, S. Dukic, M. Broderick (...), N. Pender *et al.*]

'Comprehensive heart failure self-management programme: evaluation of a pilot group intervention', *European Journal of Heart Failure*, 20 (2018), 84-85 [I. Caramlau, J. Gallagher, B. Hannon (...), N. Pender, B. McAdam]

'Longitudinal predictors of caregiver burden in amyotrophic lateral sclerosis: a population-based cohort of cognitively intact patient-caregiver dyads. (P5. 198)', *Neurology, American academy of neurology*, Wolters Kluwer Health, Inc. on behalf of the American Academy of Neurology (2018), P5.198 [T. Burke, O. Hardiman, M. Pinto Grau, K. Lonergan, K. Tobin, A. Staines, M. Galvin, N. Pender]

'Oligogenic and discordant inheritance: a population based genomic study of Irish kindreds carrying the C9orf72 repeat expansion', *European Journal of Neurology*, 25 (2018), 509-509 [M. Ryan, M. Doherty, M. Heverin, N. Pender, R. McLaughlin, O. Hardiman]

'Addressing cognitive impairment following stroke: systematic review and meta-analysis of non-randomised controlled studies of psychological interventions', *BMJ Open*, 9, 2 (2019), e024429 [N.A. Merriman, E. Sexton, G. McCabe (...), N. Pender *et al.*]

'Heritability of ALS: a population-based study over 24 years. (S54. 001)', *Neurology, American academy of neurology*, Wolters Kluwer Health, Inc. on behalf of the American Academy of Neurology (2019), S54. 001 [M. Ryan, M. Heverin, N. Pender, R. McLaughlin, O. Hardiman]

'Group interventions for amyotrophic lateral sclerosis caregivers in Ireland: a randomised controlled trial protocol', *BMJ Open*, September (2019), 10.1136/bmjopen-2019-030684 [T. Burke, J. Wilson-O'Raghallaigh, S. Maguire, M. Galvin, M. Heverin, O. Hardiman, N. Pender]

'Disclosure strategies in adults with epilepsy when telling, "I have epilepsy": the how2tell study', *Epilepsia* (2019), 10.1111/epi.16338 [N. Elliott, S. Pembroke, M. Quirke, N. Pender, A. Higgins]

'Equivalency and practice effects of alternative versions of the Edinburgh Cognitive and Behavioral ALS Screen (ECAS)', *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration* (2019), <http://dx.doi.org/10.1080/21678421.2019.1701681> [E. Costello, K. Lonergan, C. Madden, M. O'Sullivan, I. Mays, M. Heverin, M. Pinto-Grau, O. Hardiman, N. Pender]

ANATOMY

Barry, Denis, 'Improving virtual learning interactions: reducing transactional distance through social media platforms', *Anatomical Sciences Education* (2019), <https://doi.org/10.1002/ase.1889> [D. Stone, D. Barry]

Recent publications – Faculty of Health Sciences

'How much do pre-clinical medical students utilise the internet to study physiology?', *AJP Advances in Physiology Education*, 43, 3 (2019), 383-391 [D. O'Malley, D.S. Barry, M.G. Rae]

Mahony, Nicholas, 'Is the FTP test a reliable, reproducible and functional assessment tool in highly-trained athletes?', *International Journal of Exercise Science*, 12, 4 (2019), 1334-1345 [E.M. Mc Grath, N. Mahony, N. Fleming, B. Donne]

Research student

Alherz, Mohammad, 'Diglossia in the etiology of schizophrenia - a hypothesis', *The Journal of Nervous and Mental Disease*, 207, 11 (2019), 987-992 [M. Alherz, H. Almusawi, D. Barry]

CLINICAL MEDICINE

Barr, Martin, '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]

'Targeting NF- κ B-mediated inflammatory pathways in cisplatin-resistant NSCLC', *Lung Cancer*, 135 (2019), 217-227 [S.L. Ryan, S. Beard, M.P. Barr (...), M.N. Adams, A-M. Baird]

'When RON MET TAM in mesothelioma: all druggable for one, and one drug for all?', *Frontiers in Endocrinology*, 10 (2019), 89 [A.M. Baird, D. Easty, M. Jarzabek (...), M.P. Barr *et al.*]

'Oncolytic Newcastle disease virus induces autophagy-dependent immunogenic cell death in lung cancer cells', *American Journal of Cancer Research*, 8, 8 (2018), 1514-1527 [T. Ye, K. Jiang, L. Wei, M.P. Barr, Q. Xu, G. Zhang, C. Ding, S. Meng, H. Piao]

'Recombinant oncolytic Newcastle disease virus displays antitumor activities in anaplastic thyroid cancer cells', *BMC Cancer*, 18, 1 (2018), 746 [K. Jiang, C. Song, L. Kong (...), M.P. Barr.]

'Ajuba inhibits hepatocellular carcinoma cell growth via targeting of β -catenin and YAP signaling and is regulated by E3 ligase Hakai through neddylation', *Journal of Experimental and Clinical Cancer Research* 37, 1 (2018), 165 [M. Liu, K. Jiang, G. Lin (...), M.P. Barr *et al.*]

'Patient-oriented biobanking for cancer research', *Cancer Studies and Therapeutics*, 4, 3 (2019), 1-2 [M.P. Barr]

Basdeo, Sharee, 'Modulating iron for metabolic support of TB host defense', *Frontiers in Immunology* (2018), <http://hdl.handle.net/2262/90709> [J.J. Phelan, S.A. Basdeo, S.C. Tazoll, S. McGivern, J.R. Saborido, J. Keane]

Bede, Peter, 'Tracking a fast-moving disease: longitudinal markers, monitoring, and clinical trial endpoints in ALS', *Front Neurol*, 10 (2019), 229 [R.H. Chipika, E. Finegan, S. Li Hi Shing, O. Hardiman, P. Bede]

'Pathological crying and laughing in motor neuron disease: pathobiology, screening, intervention', *Front Neurol*, 10(2019), 260 [E. Finegan, R.H. Chipika, S. Li Hi Shing, O. Hardiman, P. Bede]

'Spinal cord imaging in amyotrophic lateral sclerosis: historical concepts-novel techniques', *Front Neurol*, 10 (2019), 350 [M.M. El Mendili, G. Querin, P. Bede, P.F. Pradat]

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