

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**, 'Methicillin-susceptible *Staphylococcus aureus* transmission among healthcare workers, patients and the environment in a large acute hospital under non-outbreak conditions investigated using whole-genome sequencing', *Journal of Hospital Infection*, 127, September (2022), 15-25 [P.M. Kinnevey, A. Kearney, A.C. Shore (...), H. Humphreys, D.C. Coleman]
'Effective cleaning and decontamination of the internal air and water channels, heads and head-gears of multiple contra angle dental handpieces using an enzymatic detergent and automated washer disinfection in a dental hospital setting', *Journal of Hospital Infection*, 128, October (2022), 80-88 [E.C. Deasy, T.A. Scott, J.S. Swan, M.J. O'Donnell, D.C. Coleman]
'Phylogenetic signatures in the emergence of community-associated MRSA', *Proceedings of the National Academy of Sciences of the United States of America*, 119, 45 (2022), E2204993119 [E. Steinig, I. Aglva, S. Duchene, M.T. Meehan, M. Yoannes, S.Y.C. Tong, E. McBryde]
'An emerging Panton-Valentine (Pvl)-positive Cc5-methicillin-resistant *Staphylococcus aureus*-IVC clone recovered from hospital and community settings over a 17-year period from 12 countries investigated by whole-genome sequencing', *Journal of Hospital Infection*, 132, February (2023), 8-19 [B.K. Aloba, P.M. Kinnevey, S. Monecke (...), M. Bartels, D.C. Coleman]
- Deasy, Emily**, 'Effective cleaning and decontamination of the internal air and water channels, heads and head-gears of multiple contra angle dental handpieces using an enzymatic detergent and automated washer disinfection in a dental hospital setting', *Journal of Hospital Infection*, 128, October (2022), 80-88 [E.C. Deasy, T.A. Scott, J.S. Swan, M.J. O'Donnell, D.C. Coleman]
- Kinnevey, Peter**, 'Methicillin-susceptible *Staphylococcus aureus* transmission among healthcare workers, patients and the environment in a large acute hospital under non-outbreak conditions investigated using whole-genome sequencing', *Journal of Hospital Infection*, 127, September (2022), 15-25 [P.M. Kinnevey, A. Kearney A.C. Shore (...), H. Humphreys, D.C. Coleman]
'An emerging Panton-Valentine (Pvl)-positive Cc5-methicillin-resistant *Staphylococcus aureus*-IVC clone recovered from hospital and community settings over a 17-year period from 12 countries investigated by whole-genome sequencing', *Journal of Hospital Infection*, 132, February (2023), 8-19 [B.K. Aloba, P.M. Kinnevey, S. Monecke (...), M. Bartels, D.C. Coleman]
- Moran, Gary**, 'Stress-and metabolic responses of *Candida albicans* require Tor1 kinase N-terminal HEAT repeats', *PLoS Pathogens*, 18, 6 (2022), e1010089 [W. Qi, M. Acosta-Zaldívar, P.R. Flanagan (...), G.P. Moran, J.R. Köhler]
'The oral microbiome in treatment naïve paediatric IBD patients exhibits dysbiosis related to disease severity that resolves following therapy', *Journal of Crohn's and Colitis* (2022), jjac155 [K. Elmaghrawy, P. Fleming, K. Fitzgerald, S. Cooper, A. Dominik, S. Hussey, G.P. Moran]

Recent publications – Faculty of Health Sciences

'A dentifrice containing salivary enzymes and xylitol exhibits superior antimicrobial activity *in vitro* against adherent *Streptococcus mutans* compared to a chlorhexidine dentifrice', *Letters in Applied Microbiology*, 76, 2 (2023) [M. O'Connor, G. Harrison, D. Lenahan, G.P. Moran]

'Does fluoride exposure impact on the human microbiome?', *Toxicology Letters* (2023), S0378-4274(23)00098-X [G.P. Moran, L. Zgaga, B. Daly, M. Harding, T. Montgomery]

O'Donnell, Mary, 'Effective cleaning and decontamination of the internal air and water channels, heads and head-gears of multiple contra angle dental handpieces using an enzymatic detergent and automated washer disinfection in a dental hospital setting', *Journal of Hospital Infection*, 128, October (2022), 80-88 [E.C. Deasy, T.A. Scott, J.S. Swan, M.J. O'Donnell, D.C. Coleman]

ORAL AND MAXILLOFACIAL SURGERY, MEDICINE, PATHOLOGY AND RADIOLOGY

Healy, Claire, 'Biomedical applications of vibrational spectroscopy: oral cancer diagnostics', *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 266 (2022), 120437 [H.J. Byrne, I. Behl, G. Calado (...), C.M. Healy *et al.*]

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

'Successful treatment of oral potentially malignant lesions with ruxolitinib in STAT3 gain-of-function disease', *Oral Oncology*, 132 (2022), 106015 [C. Mulvihill, K. Fitzgerald, E. O'Regan, C.M. Healy, T.R. Leahy]

'Germline determinants of humoral immune response to HPV-16 protect against oropharyngeal cancer', *Nature Communications*, 12, 1 (2021), 5945 [A. Ferreira-Iglesias, J.D. McKay, N. Brenner, S. Virani, C. Lesseur, T. Waterboer, P. Brennan]

'Classification of cytological samples from oral potentially malignant lesions through Raman spectroscopy: a pilot study', *Spectrochimica Acta. Part A, Molecular and Biomolecular Spectroscopy*, 266 (2022), 120437 [I. Behl, G. Calado, A. Vishwakarma (...), C.M. Healy *et al.*]

'Occupational socioeconomic risk associations for head and neck cancer in Europe and South America: individual participant data analysis of pooled case-control studies within the INHANCE consortium', *Journal of Epidemiology and Community Health*, 75, 8 (2021), 779-787 [D.I. Conway, J. Hovanec, W. Ahrens, A. Ross, T. Behrens, A.D. McMahon]

'A review of the evidence for the provision of the routine scale and polish for the prevention of periodontal disease', *Dental Update*, 48, 3 (2021), 201-205 [R. Birt, C.M. Healy, D. McCarthy, L. Winning]

'Lessons learned from the INHANCE consortium: an overview of recent results on head and neck cancer', *Oral Diseases*, 27, 1 (2021), 73-93 [F. Bravi, Y.C.A. Lee, M. Hashibe (...), T. Zheng, A. Znaor]

'Risk factors for head and neck cancer in more and less developed countries: analysis from the INHANCE consortium', *Oral Diseases* [Y.A. Lee, J.E. Muscat]

'Plasma miR-151-3p as a candidate diagnostic biomarker for head and neck cancer: a cross-sectional study within the INHANCE consortium', *Cancer epidemiology, Biomarkers and Prevention*, 31, 12 (2022), 2237-2243 [R. Pastorino, M. Sassano, F. Danilo Tiziano, L. Giralaldi, R. Amore, P. Brennan, S. Boccia]

PUBLIC AND CHILD DENTAL HEALTH

Duane, Brett, 'An environmental impact study of inter-dental cleaning aids', *Journal of Clinical Periodontology* (2022), <http://dx.doi.org/10.1111/jcpe.13727> [R. Abed, P. Ashley, B. Duane, J. Crotty, A. Lyne]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

Davis, Siobhan, 'The evaluation of an evidence-based model of feedback implemented on an undergraduate dental clinical learning environment', *BMC Medical Education* (2022), doi.org/10.1186/s12909 [S. Davis, B. Duane, A. Loxley, D. Quigley]

Recent publications – Faculty of Health Sciences

- 'Developing students' feedback literacy in healthcare curriculum: a supportive educational innovation', *ADEE August 2022* (2022), <http://hdl.handle.net/2262/101144> [S. Davis, D. Quigley, M. O' Neill, L. Alpine, E. O'Connor, M. Kearney, C. Poole]
- Duncan, Hal**, 'The development of European Society of Endodontology S3-level guidelines for the treatment of pulpal and apical disease', *International Endodontic Journal*, 54, 5 (2021), 643-645 [H.F. Duncan, B.S. Chong, M. Del Fabbro (...), J.J. Segura Egea, M. Kerschull]
- 'Preferred Reporting Items for Diagnostic Accuracy Studies in Endodontics (PRIDASE): guidance to improve manuscripts assessing the diagnostic accuracy of procedures, techniques and devices', *International Endodontic Journal*, 54, 7 (2021), 1005-1007 [M. Pigg, H.F. Duncan, V. Nagendrababu (...), D.K. Rechenberg, P.M.H. Dummer]
- Polyzois, Ioannis**, 'An *in vitro* evaluation of 2 methods for retrieving fractured abutment screw fragments from the intaglio of 4 different implant systems', *Journal of Prosthetic Dentistry*, 2022 Sep 9, (2022), 1-9 [A. Moorthy, S. Aljudaibi, E. Donnelly-Swift, I. Polyzois, B. Grufferty]
- 'Assessing oral health and awareness among persons with diabetes mellitus', *Irish Journal of Medical Science*, 191, 4 (2022), 122-122 [E. Duffy, M. VanHarten, E. Swift-Donnelly (...), I. Polyzois *et al.*]
- 'Efficacy of chemical approaches for implant surface decontamination in conjunction with sub-marginal instrumentation, in the non-surgical treatment of peri-implantitis. A systematic review', *Journal of Clinical Periodontology* (2022) [Y.C.M. de Waal, L. Winning, A. Stavropoulos, I. Polyzois]
- 'A three-year prospective cohort study evaluating implant stability utilising the Osstell® Mentor and Periotest® devices', *Frontiers in Dental Medicine* (2023), 1-8 [I. Reynolds, L. Winning, I. Polyzois]
- Winning, Lewis**, 'Tooth loss and cognitive decline in community dwelling older Irish adults: a cross-sectional cohort study', *Journal of Dentistry*, 119 (2022), <http://hdl.handle.net/2262/98565> [L. Winning, A. Naseer, C. De Looze, S.P. Knight, R.A. Kenny, B. O'Connell]
- 'Associations between self-reported periodontal disease and nutrient intakes and nutrient-based dietary patterns in the UK biobank', *Journal of Clinical Periodontology* (2022), <http://dx.doi.org/10.1111/jcpe.13604> [S. Watson, J.V. Woodside, L. Winning, D.M. Wright, M. Srinivasan, G. McKenna]
- 'Implementation of a food science and nutrition module in a dental undergraduate curriculum', *European Journal of Dental Education* (2022), <https://doi.org/10.1111/eje.12822> [M. Crowe, M. O' Sullivan, L. Winning (...), A.E. Bennett, P. Moynihan]
- 'Differential regulation of NPY and SP receptor expression in STRO-1+ve PDLSCs by inflammatory cytokines', *Journal of Periodontal Research*, 57, 1 (2022), 186-194 [L. Winning, I.A. El Karim, G.J. Linden, C.R. Irwin, S.A. Killough, F.T. Lundy]
- 'Association of TGFB1 rs1800469 and BCMO1 rs6564851 with coronary heart disease and IL1B rs16944 with all-cause mortality in men from the Northern Ireland PRIME study', *PLoS ONE*, 17, 8 (2022), e0273333 [R.E. Mooney, G.J. Linden, L. Winning (...), C.C. Patterson, G.J. McKay]
- 'Efficacy of chemical approaches for implant surface decontamination in conjunction with sub-marginal instrumentation, in the non-surgical treatment of peri-implantitis. A systematic review', *Journal of Clinical Periodontology* (2022), <http://dx.doi.org/10.1111/jcpe.13749> [Y.C.M. de Waal, L. Winning, A. Stavropoulos, I. Polyzois]
- 'Tooth loss and regional grey matter volume', *Journal of Dentistry*, 129 (2022), 104393 [L. Winning, C. De Looze, S.P. Knight, D. Carey, J.F. Meaney, R.A. Kenny, B. O'Connell]
- 'A three-year prospective cohort study evaluating implant stability utilising the Osstell® Mentor and Periotest® devices', *Frontiers in Dental Medicine* (2023), 1-8 [I. Reynolds, L. Winning, I. Polyzois]

Recent publications – Faculty of Health Sciences

School of Medicine

Hennessy, Martina, 'An exploration of the professional identity of clinical academics using repertory grid technique', *PLoS ONE*, 17, 11 (2022), e0277361 [E. Burke]

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

'Temporal trends in covid-19 outcomes in people with rheumatic diseases in Ireland: data from the covid-19 global rheumatology alliance registry', *Rheumatology (Oxford, England)* (2022), <http://dx.doi.org/10.1093/rheumatology/keac142> [R. Conway, E. Nikiphorou, C.A. Demetriou, C. Low, K. Leamy, J.G. Ryan, R. Grainger, G.M. McCarthy]

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

'Budget impact analysis of an early identification and referral model for diagnosing patients with suspected rheumatoid arthritis in Ireland', *Rheumatology Advances in Practice*, 4, 2 (2021), <http://dx.doi.org/10.1093/rap/rkaa059> [D. Kelleher, L. Barry, B. McGowan, E. Doherty, J.J. Carey, D. Kane]

'Deep tissue Koebner phenomenon in osseous sarcoidosis', *Rheumatology (Bulgaria)*, 60, 11 (2021), E384-E386 [D. O'Brien, T. Aziz, D. Kane, R.H. Mullan]

'A multidisciplinary led early arthritis service to manage client identified participation restrictions in early inflammatory arthritis: a qualitative study of service user and staff perspectives', *Musculoskeletal Care*, 21, 1 (2023), 130-142 [Y. Codd, A. Coe, D. Kane, R.H. Mullan, T. Stapleton]

'Comparative genetic analysis of psoriatic arthritis and psoriasis for the discovery of genetic risk factors and risk prediction modeling', *Arthritis and Rheumatology*, 74, 9 (2022), 1535-1543 [M. Soomro, M. Stadler, N. Dand, J. Bluett, J. Bowes, A. Barton]

'Outcomes of covid-19 in people with rheumatic and musculoskeletal disease in Ireland over the first 2 years of the pandemic.', *Ir J Med Sci* (2023), <http://dx.doi.org/10.1007/s11845-022-03265-7> [R. Conway, E. Nikiphorou, C.A. Demetriou, C. Low, R. Grainger, G.M. McCarthy]

'The covid-19 pandemic - the final straw for Irish rheumatology services?', *Open Rheumatology Journal*, 16, e187431292207130 (2022), <http://dx.doi.org/10.2174/18743129-v16-e2207130> [P. Mulkerin, L. Durcan, S. Chavrimootoo, D. Kane, G. Killeen]

"You don't want to be seen as a burden' - experiences of working with early inflammatory arthritis: a qualitative study', *Disability and Rehabilitation* (2022), <http://dx.doi.org/10.1080/09638288.2022.2107084> [Y. Codd, R.H. Mullan, D. Kane, T. Stapleton]

Kelleher, Dermot, 'The immune underpinnings of Barrett's-associated adenocarcinogenesis: a retrial of nefarious immunologic co-conspirators', *Cellular and Molecular Gastroenterology and Hepatology*, 13, 5 (2022), 1297-1315 [L. Tambunting, D. Kelleher, S.P. Duggan]

Mulryan, Niamh, 'Living and dying well with dementia', *End of life and people with intellectual and developmental disability - contemporary issues, challenges, experiences and practice*, eds R.J. Stancliffe, M.Y. Wiese, P. McCallion, M. McCarron, Switzerland, Palgrave Macmillan Cham (2022), 179-209 [M. McCarron, A.P. Allen, N. Mulryan (...), E. Reilly, P. McCallion]

Trepel, Dominic, 'The economic cost of delirium: a systematic review and quality assessment', *Alzheimer's and Dementia* (2021), <https://doi.org/10.1002/alz.12262> [I. Kinchin, E. Mitchell, M. Agar, D. Trepel]

'A physiotherapy-led transition to home intervention for older adults following emergency department discharge: protocol for a pilot feasibility randomised controlled trial', *Pilot and Feasibility Studies*, 8, 1 (2022), 1-14 [M. Conneely, A. Leahy, M. O'Connor (...), D. Trepel et al.]

Recent publications – Faculty of Health Sciences

'The value of nonpharmacological interventions for people with an acquired brain injury: a systematic review of economic evaluations', *Value in Health* (2022), 10.1016/j.jval.2022.03.014 [E. Mitchell, E. Ahern, S. Saha, G. McGettrick, D. Trepel]

'The Scottish brain health service model: rationale and scientific basis for a national care pathway of brain health services in Scotland', *The Journal of Prevention of Alzheimer's Disease* (2021), 1-11 [C.W. Ritchie, J.M.J. Waymont, C. Pennington (...), S.O. Danso, A. Green]

'The effectiveness of interventions to reduce adverse outcomes among older adults following emergency department discharge: umbrella review', *BMC Geriatrics*, 22, 1 (2022), 1-23 [M. Conneely, S. Leahy, L. Dore, D. Trépel, K. Robinson, F. Jordan, R. Galvin]

'A physiotherapy-led transition to home intervention for older adults following emergency department discharge: a pilot feasibility randomised-controlled trial', *Age and Ageing*, 51, 3 (2022), afac218-233 [M. Conneely, A. Holmes, M. O'Connor (...), L. Barry, A. Griffin]

'Building clinically relevant outcomes across the Alzheimer's disease spectrum', *Alzheimer's and Dementia (New York, N. Y.)*, 7, 1 (2021), e12181 [D.M. Rentz, A.M. Wessels, A.V. Annapragada (...), D. Trepel *et al.*]

'Is there evidence of an association between acute healthcare utilisation and function in older adults over time? A population-based cohort study', *Innovation in Aging* (2022), <http://dx.doi.org/10.1093/geroni/igac072> [D. Trépel, M. Conneely, S. Leahy, D. Trépel, K. Robinson, F. Boland, F. Moriarty, R. Galvin]

ANATOMY

Barry, Denis, 'Animated teaching improves student learning of human gastrulation and neurulation', *Annals of Anatomy*, (2023) [C. O'Connor, K. Jordan, T. Vagg (...), D.B. Barry *et al.*]

Fleming, Neil, 'Prediction of functional threshold power from graded exercise test data in highly-trained individuals', *International Journal of Exercise Science*, 15, 4 (2022), 747-759 [E. McGrath, N. Mahony, N. Fleming, A. Benavoli, B. Donne]

'A systematic review of female athletes' experiences of symptoms of pelvic floor dysfunction', *International Urogynecology Journal* (2022), <http://dx.doi.org/10.1007/s00192-022-05302-6> [E. Culleton-Quinn, K. Bø, N. Fleming, D. Mockler, C. Cusack, D. Daly]

Johnston, Daniel, 'Hidradenitis suppurativa: a folliculotropic disease of innate immune barrier dysfunction?', *Experimental Dermatology* (2021), <http://dx.doi.org/10.1111/exd.14451> [D.G.W. Johnston, B. Kirby, D.J. Tobin]

'A preliminary study of soluble CD14 levels in the serum of patients with hidradenitis suppurativa as a marker of leaky', *HRB Open Research*, 5, 68 (2022), <http://dx.doi.org/10.12688/hrbopenres.13633.1> [D.G.W. Johnston, R. Hambly, N. Kearney, D.J. Tobin, B. Kirby]

'Cell-free DNA is elevated in the serum of patients with hidradenitis suppurativa', *The Journal of Dermatology* (2022), <http://dx.doi.org/10.1111/1346-8138.16676> [D.G.W. Johnston, R. Hambly, N. Kearney, D.J. Tobin, B. Kirby]

Mahony, Nicholas, 'Efficacy of resistance training during adjuvant chemotherapy and radiation therapy in cancer care: a systematic review and meta-analysis', *Supportive Care in Cancer* (2022), <http://hdl.handle.net/2262/101060> [A. McGovern, N. Mahony, D. Mockler, N. Fleming]

'A comparison of physiological response to incremental testing on stationary and dynamic rowing ergometers', *International Journal of Sports Physiology and Performance*, 17, 4 (2022), 515-522 [M. Boland, N. Crotty, N. Mahony, B. Donne, N. Fleming]

'Prediction of functional threshold power from graded exercise test data in highly-trained individuals', *International Journal of Exercise Science*, 15, 4 (2022), 747-759 [E. McGrath, N. Mahony, N. Fleming, A. Benavoli, B. Donne]

Recent publications – Faculty of Health Sciences

CLINICAL MEDICINE

Armstrong, Michelle, 'Candidate role for toll-like receptor 3 L412F polymorphism and infection in acute exacerbation of idiopathic pulmonary fibrosis', *American Journal of Respiratory and Critical Care Medicine* (2022) [A.N. McElroy, R. Invernizzi, J.W. Laskowska (...), M.E. Armstrong, S.C. Donnelly]

'Identifying the risk of acute exacerbation in idiopathic pulmonary fibrosis: a step forward', *American Journal of Respiratory and Critical Care Medicine*, 205, 5 (2022), 489-491. [C. Vancheri, F. Luppi]

Basdeo, Sharee, 'The Warburg effect occurs rapidly in stimulated human adult but not umbilical cord blood derived macrophages', *Frontiers in Immunology*, 12 (2021), 657261 [C. Ó Maoldomhnaigh, D.J. Cox, J.J. Phelan, F.D. Malone, J. Keane, S.A. Basdeo]

'The iron chelator desferrioxamine increases the efficacy of bedaquiline in primary human macrophages infected with BCG', *International Journal of Molecular Sciences*, 22, 6 (2021), <http://dx.doi.org/10.3390/ijms22062938> [C. Cahill, F. O'Connell, K.M. Gogan (...), S.A. Basdeo et al.]

'The effects of trained innate immunity on T cell responses; clinical implications and knowledge gaps for future research', *Frontiers in Immunology*, 12, 706583 (2021), <http://hdl.handle.net/2262/97208> [D.M. Murphy, K.H.G. Mills, S.A. Basdeo]

'The effect of tuberculosis antimicrobials on the immunometabolic profiles of primary human macrophages stimulated with *Mycobacterium tuberculosis*', *International Journal of Molecular Sciences* (2021), <http://hdl.handle.net/2262/97538> [C. Cahill, D.J. Cox, F. O'Connell (...), S.A. Basdeo et al.]

'Defining the role of neutrophils in the lung during infection: implications for tuberculosis disease', *Frontiers in Immunology* (2022), <http://dx.doi.org/10.3389/fimmu.2022.984293> [E. Gaffney, D. Murphy, A. Walsh, S. Connolly, S.A. Basdeo, J. Keane, J. Phelan]

'Trained immunity is induced in humans after immunization with an adenoviral vector covid-19 vaccine', *Journal of Clinical Investigation*, 133, 2 (2023), <http://dx.doi.org/10.1172/JCI162581> [D.M. Murphy, D.J. Cox, S.A. Connolly (...), J. Keane, S.A. Basdeo]

Bede, Peter, 'Cerebellar remodelling decades after spinal cord insult: neuroplasticity in poliomyelitis survivors', *J Integr Neurosci*, 21, 2 (2022), 65 [S.L.H. Shing, A. Murad, J. Lope, O. Hardiman, P. Bede]

'Cerebellar pathology in motor neuron disease: neuroplasticity and neurodegeneration', *Neural Regen Res*, 17, 11 (2022), 2335-2341 [R.H. Chipika, G. Mulkerrin, P.F. Pradat, A. Murad, F. Ango, C. Raoul, P. Bede]

'Neurometabolic alterations in motor neuron disease: insights from magnetic resonance spectroscopy', *J Integr Neurosci*, 21, 3 (2022), 87 [F. Christidi, E. Karavasilis, G.D. Argyropoulos (...), I. Seimenis, P. Bede]

'Alterations in somatosensory, visual and auditory pathways in amyotrophic lateral sclerosis: an under-recognised facet of ALS', *J Integr Neurosci*, 21, 3 (2022), 88 [R.H. Chipika, G. Mulkerrin, A. Murad, J. Lope, O. Hardiman, P. Bede]

'Thalamic pathology in frontotemporal dementia: predilection for specific nuclei, phenotype-specific signatures, clinical correlates, and practical relevance', *Brain Behav*, 13, 2 (2023), e2881 [M.C. McKenna, J. Lope, P. Bede, E.L. Tan]

'Predominant polarity as a neurobiological specifier in bipolar disorder: evidence from a multimodal neuroimaging study', *Prog Neuropsychopharmacol Biol Psychiatry*, 123 (2023), 110718 [G.D. Argyropoulos, F. Christidi, E. Karavasilis (...), P. Bede et al.]

Bennett, Annemarie, 'Implementation of a food science and nutrition module in a dental undergraduate curriculum', *European Journal of Dental Education* (2022), <https://doi.org/10.1111/eje.12822> [M. Crowe, M. O' Sullivan, L. Winning (...), A.E. Bennett, P. Moynihan]

Recent publications – Faculty of Health Sciences

- 'A scoping review of best practices in home enteral tube feeding', *Primary Health Care Research and Development*, 23, e43 (2022), 1-7 [C. Byrnes, D. Mockler, L. Lyons, D. Loane, E. Russell, A.E. Bennett]
- Bradley, David**, 'Patients' experiences of remote neurology consultations during the covid-19 pandemic', *European Neurology*, 83, 6 (2021), 622-625 [M.C. McKenna, M. Al-Hinai, D. Bradley (...), E. Troy, C.P. Doherty]
- 'Recurrent hypothalamic dysfunction in seropositive neuromyelitis optica', *Neurology. Clinical Practice*, 11, 6 (2021), e911-e912 [M.C. McKenna, N. McNicholas, C. Fearon, D. Bradley]
- 'Parkinson's disease medication prescribing and administration during unplanned hospital admissions', *Movement Disorders Clinical Practice*, 9, 3 (2022), 334-339 [G. Richard, A. Redmond, M. Penugonda, D. Bradley]
- 'Designing a service evaluation tool for service users with mild-moderate stage Parkinson's disease', *European Journal of Physiotherapy*, 23, 4 (2021), 266 [A. McDermott, N. Murphy, D. Bradley]
- Brady, Gareth**, 'Previous SARS-CoV-2 infection, age, and frailty are associated with 6-month vaccine-induced anti-spike antibody titer in nursing home residents', *Journal of the American Medical Directors Association* (2022), <https://doi.org/10.1016/j.jamda.2021.12.001> [A.H. Dyer, C. Noonan, M. McElheron (...), G. Brady *et al.*]
- 'Myeloid cell nuclear differentiation antigen controls the pathogen-stimulated type I interferon cascade in human monocytes by transcriptional regulation of IRF7', *Nature Communications*, 13, 1 (2022), 14 [L. Gu, D. Casserly, G. Brady (...), L. Unterholzner, A.G. Bowie]
- 'Regulation of IRF3 activation in human antiviral signaling pathways', *Biochemical Pharmacology*, 200, 115026 (2022), <http://dx.doi.org/10.1016/j.bcp.2022.115026> [M.A.L. Hamrashdi, G. Brady]
- 'Article dynamic assay for profiling anti-SARS-CoV-2 antibodies and their ACD2/spike RBD neutralization capacity', *Viruses*, 13, 7 (2021), <http://dx.doi.org/10.3390/v13071371> [T. Phelan, J. Dunne, N. Conlon (...), W. McCormack, G. Brady]
- 'Bifurcation of signalling in human innate immune pathways to NF- κ B and IRF family activation', *Biochemical Pharmacology*, 205, 115246 (2022), <http://dx.doi.org/10.1016/j.bcp.2022.115246> [A. Kusiak, G. Brady]
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