

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, 'Immersion of debrided diabetic foot ulcer (DFU) tissue in electrochemically generated pH neutral hypochlorous acid significantly reduces the microbial bioburden: whole-genome sequencing of *Staphylococcus aureus*, the most prevalent species recovered', *Journal of Hospital Infection*, 138, August (2023), 42-51 [L. Grealy, P. Wilson, C. Gillen, E. Duffy, M.L. Healy, D.S. Coleman]

'Direct evidence for 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*, 135, May (2023), 204-205 [D.C. Coleman, E.C. Deasy, J.S. Swan, M.J. O'Donnell, T.A. Scott]

McManus, Brenda, 'Immersion of debrided diabetic foot ulcer (DFU) tissue in electrochemically generated pH neutral hypochlorous acid significantly reduces the microbial bioburden: whole-genome sequencing of *Staphylococcus aureus*, the most prevalent species recovered', *Journal of Hospital Infection*, 138, August (2023), 42-51 [L. Grealy, P. Wilson, C. Gillen, E. Duffy, M.L. Healy, B.A. McManus]

'Genomic analysis of 600 vancomycin-resistant *Enterococcus faecium* reveals a high prevalence of ST80 and spread of similar vanA regions via IS1216E and plasmid transfer in diverse genetic lineages in Ireland', *The Journal of Antimicrobial Chemotherapy*, 77, 2 (2022), 320-330 [S.A. Egan, N.L. Kavanagh, A.C. Shore, S. Mollerup, J.A. Samaniego Castruita, B.A. McManus]

'An emerging Panton-Valentine leukocidin-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', *The Journal of Hospital Infection*, 132 (2023), 8-19 [B.K. Aloba, P.M. Kinnevey, S. Monecke, G.I. Brennan, B. O'Connell, B.A. McManus]

Moran, Gary, 'Deletion of the *Candida albicans* TLO gene family using CRISPR-Cas9 mutagenesis allows characterisation of functional differences in α -, β - and γ - TLO gene function', *PLoS Genetics*, 19, 12 (2023), e1011082 [J. Fletcher, J. O'Connor-Moneley, D. Frawley, R.P. Flanagan, L. Alaalm, G.P. Moran]

'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*, 17, 4 (2023), 553-564 [K. Elmaghrawy, P. Fleming, K. Fitzgerald, S. Cooper, A. Dominik, G.P. Moran]

'Smoking, tooth loss and oral hygiene practices have significant and site-specific impacts on the microbiome of oral mucosal surfaces: a cross-sectional study', *Journal of Oral Microbiology*, 15, 1 (2023), 2263971 [S. Galvin, S. Anishchuk, C.M. Healy, G.P. Moran]

Recent publications – Faculty of Health Sciences

- 'Subgingival microbial diversity and respiratory decline: a cross-sectional study', *Journal of Clinical Periodontology*, 50, 7 (2023), 921-931 [L. Winning, G. Moran, M. McClory, I. El Karim, F.T. Lundy, C.C. Patterson]
- 'Influence of site and smoking on malignant transformation in the oral cavity: is the microbiome the missing link?', *Front Oral Health*, 4 (2023), 1166037 [S. Galvin, G.P. Moran, C.M. Healy]
- 'The role of the mediator complex in fungal pathogenesis and response to antifungal agents', *Essays in Biochemistry* (2023), EBC20220238 [J. O'Connor-Moneley, L. Alaalm, G.P. Moran, D.J. Sullivan]
- O'Donnell, Mary**, 'Direct evidence for 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*, 135, May (2023), 204-205 [D.C. Coleman, E.C. Deasy, J.S. Swan, M.J. O'Donnell, T.A. Scott]
- Sullivan, Derek**, 'Deletion of the *Candida albicans* TLO gene family using CRISPR-Cas9 mutagenesis allows characterisation of functional differences in α -, β - and γ - TLO gene function', *PLoS Genetics*, 19, 12 (2023), e1011082 [J. Fletcher, J. O'Connor-Moneley, D. Frawley, P.R. Flanagan, L. Alaalm, D.J. Sullivan]
- 'The role of the mediator complex in fungal pathogenesis and response to antifungal agents', *Essays in Biochemistry* (2023), EBC20220238 [J. O'Connor-Moneley, L. Alaalm, G.P. Moran, D.J. Sullivan]
- ORAL AND MAXILLOFACIAL SURGERY, MEDICINE, PATHOLOGY AND RADIOLOGY
- Healy, Claire**, '*Fusobacterium nucleatum* subsp. polymorphum recovered from malignant and potentially malignant oral disease exhibit heterogeneity in adhesion phenotypes and adhesin gene copy number, shaped by inter-species horizontal gene transfer and recombination-derived mosaicism', *Microbial Genomics*, 10, 3 (2024), 10.1099/mgen.0.001217 [C. Crowley, A. Selvaraj, A. Hariharan, C.M. Healy, G.P. Moran]
- 'Biological therapies and management of oral mucosal disease', *British Dental Journal*, 236, 4 (2024), 317-321 [C.M. Healy, S. Galvin]
- 'A risk prediction model for head and neck cancers incorporating lifestyle factors, HPV serology and genetic markers', *International Journal of Cancer*, 152, 10 (2023), 2069-2080 [S. Budhathoki, B. Diergaarde, R.J. Liu]
- 'Diagnostic accuracy of HPV16 early antigen serology for HPV-driven oropharyngeal cancer is independent of age and sex', *International Journal of Cancer*, 154, 2 (2024), 389-402 [J.M.A. Kusters, B. Diergaarde, D.N. Ness, S. Virani, T. Waterboer]
- 'Smoking, tooth loss and oral hygiene practices have significant and site-specific impacts on the microbiome of oral mucosal surfaces: a cross-sectional study', *Journal of Oral Microbiology*, 15, 1 (2023), 2263971 [S. Galvin, S. Anishchuk, C.M. Healy, G.P. Moran]
- 'Influence of site and smoking on malignant transformation in the oral cavity: is the microbiome the missing link?', *Front Oral Health*, 4 (2023), 1166037 [S. Galvin, G.P. Moran, C.M. Healy]
- O'Connor, Róisín**, 'Prediction of prostate cancer biochemical and clinical recurrence is improved by IHC-assisted grading using *ap11*, *sortilin* and *syndecan-1*', *Cancers*, 15, 12 (2023), 3215 [J.M. Logan, A.M. Hopkins, C. Martini, D.A. Brooks]
- 'Circulating tumour cells: the good, the bad and the ugly', *Biochim Biophys Acta Rev Cancer*, 1878, 2 (2023), 188863 [M. Bates, B.M. Mohamed, M.P. Ward, T.E. Kelly, R. O'Connor, C. Martin]
- 'The role of HPV in determining treatment, survival, and prognosis of head and neck squamous cell carcinoma', *Cancers*, 14, 17 (2022), 4321 [I. Sharkey Ochoa, E. O'Regan, M. Toner, E. Kay, C.M. Martin]

Recent publications – Faculty of Health Sciences

'Aberrant protein expression of ap11, sortilin and syndecan-1 during the biological progression of prostate cancer', *Pathology* (2022), S0031-3025(22)00226-4 [C. Martini, J.M. Logan, A. Sorvina, C. Gordon, A.R. Beck, J.J. O'Leary, D.A. Brooks]

PUBLIC AND CHILD DENTAL HEALTH

Daly, Blanaid, 'Immersion of debrided diabetic foot ulcer (DFU) tissue in electrochemically generated pH neutral hypochlorous acid significantly reduces the microbial bioburden: whole-genome sequencing of *Staphylococcus aureus*, the most prevalent species recovered', *Journal of Hospital Infection*, 138, August (2023), 42-51 [L. Grealy, P. Wilson, C. Gillen, E. Duffy, M.L. Healy, B. Daly]

'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]

Dougall, Alison, 'Immersion of debrided diabetic foot ulcer (DFU) tissue in electrochemically generated pH neutral hypochlorous acid significantly reduces the microbial bioburden: whole-genome sequencing of *Staphylococcus aureus*, the most prevalent species recovered', *Journal of Hospital Infection*, 138, August (2023), 42-51 [L. Grealy, P. Wilson, C. Gillen, E. Duffy, M.L. Healy, A. Dougall]

Duane, Brett, 'The environmental footprint of single-use versus reusable cloths for clinical surface decontamination: a life cycle approach', *Journal of Hospital Infection*, 130 (2022), 7-19 [B. Maloney, T. McKerlie, M. Nasir, C. Murphy, M. Moi, B. Duane]

'Sustainability in dentistry gathers momentum', *British Dental Journal*, 233, 4 (2022), 241 [B. Duane]

'Comparing the environmental impact of reusable and disposable dental examination kits: a life cycle assessment approach', *British Dental Journal*, 233, 4 (2022), 317-325 [D. Byrne, S. Saget, A. Lyne, B. Duane]

'How much do consumers consider sustainability when purchasing a toothbrush? A discrete choice experiment', *British Dental Journal*, 233, 4 (2022), 327-332 [C. Halton, B. Duane, A. Conlon Batey, J. Wong, A. Corley, F. Hart]

'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]

Leith, Rona, 'Clinical experience of undergraduate dental students in paediatric dentistry: a 5-year cross-sectional study', *European Journal of Dental Education*, 27, 4 (2023), 941-948 [R. Leith, I.C. Olegário, A.C. O'Connell]

O'Connell, Anne, 'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 1: General introduction', *Dental Traumatology*, 40, S1 (2024), 1-3 [L. Levin, A.C. O'Connell, N. Tewari, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 2: Primary prevention of dental trauma across the life course', *Dental Traumatology*, 40, S1 (2024), 4-6 [A.C. O'Connell, P.V. Abbott, N. Tewari, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 3: Mouthguards for the prevention of dental and oral trauma', *Dental Traumatology*, 40, S1 (2024), 7-9 [P.V. Abbott, N. Tewari, A.C. O'Connell, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 4: Faceshields for the prevention of dental and oral trauma', *Dental Traumatology*, 40, S1 (2024), 10-11 [P.V. Abbott, N. Tewari, S.C. Mills, H. Stasiuk, M. Roettger, A.C. O'Connell]

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'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 5: Secondary prevention of dental injuries', *Dental Traumatology*, 40, S1 (2024), 12-13 [N. Tewari, P.V. Abbott, A.C. O'Connell, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 6: Education', *Dental Traumatology*, 40, S1 (2024), 14-15 [N. Tewari, P.V. Abbott, A.C. O'Connell, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 7: Orthodontics for the prevention of dental and oral trauma', *Dental Traumatology*, 40, S1 (2024), 16-17 [P.V. Abbott, N. Tewari, S.C. Mills, H. Stasiuk, M. Roettger, A.C. O'Connell]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 8: Tooth SOS app', *Dental Traumatology*, 40, S1 (2024), 18-19 [N. Tewari, P.V. Abbott, A.C. O'Connell, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for the prevention of traumatic dental injuries: Part 9: Role of dental professionals', *Dental Traumatology*, 40, S1 (2024), 20-21 [N. Tewari, A.C. O'Connell, P.V. Abbott, S.C. Mills, H. Stasiuk, M. Roettger]

'The International Association of Dental Traumatology (IADT) and the Academy for Sports Dentistry (ASD) guidelines for prevention of traumatic dental injuries: Part 10: First aid education', *Dental Traumatology*, 40, S1 (2024), 22-24 [N. Tewari, P.V. Abbott, A.C. O'Connell, S.C. Mills, H. Stasiuk, M. Roettger]

'Risk factors associated with traumatic dental injuries in individuals with special healthcare needs - a systematic review and meta-analysis', *Dental Traumatology: Official Publication of International Association for Dental Traumatology* (2023), <http://dx.doi.org/10.1111/edt.12882> [K.P. Devi, N. Tewari, A. O'Connell, S. Srivastav, A. Rajeswary, A.D. Upadhyay]

'Long-term sequelae of undiagnosed intrusion of a primary tooth', *Dent J (Basel)*, 10, 11 (2022), 202 [T. Bani-Hani, R. Leith, A.C. O'Connell]

'Assessment of mouthguards worn by Irish children playing contact sports: an observational cross-sectional cohort study', *European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry*, 24, 1 (2023), 125-132 [E. Shore, A.C. O'Connell]

'Success of medicaments and techniques for pulpotomy of primary teeth: an overview of systematic reviews', *International Journal of Paediatric Dentistry*, 32, 6 (2022), 828-842 [N. Tewari, S. Goel, V. Prakash Mathur, A.C. O'Connell, R.M. Johnson, M. Rahul]

'Clinical experience of undergraduate dental students in paediatric dentistry: a 5-year cross-sectional study', *European Journal of Dental Education*, 27, 4 (2023), 941-948 [R. Leith, I.C. Olegário, A.C. O'Connell]

Olegário da Costa, Isabel, 'Stainless steel crown vs bulk fill composites for the restoration of primary molars post-pulpectomy: 1-year survival and acceptance results of a randomized clinical trial', *Int J Paediatr Dent*, 32, 1 (2022), 11-21 [I.C. Olegário, C.R. Bresolin, A.L. Pássaro, M.P. de Araujo, D. Hesse, F.M. Mendes]

'Impact of pulpectomy versus tooth extraction in children's oral health-related quality of life: a randomized clinical trial', *Community Dentistry and Oral Epidemiology* (2023), <http://hdl.handle.net/2262/103915> [J. Abanto, G. Tsakos, I.C. Olegário, S.M. Paiva, F.M. Mendes, T.M. Ardenghi]

'General dentists' perceptions and clinical management of Hypomineralised Second Primary Molars (HSPM) in Ireland', *Eur Arch Paediatr Dent*. (2023), <http://hdl.handle.net/2262/103913> [C. Mc Carra, I.C. Olegário, A.C. O'Connell, R. Leith]

Recent publications – Faculty of Health Sciences

'Clinical experience of undergraduate dental students in paediatric dentistry: a 5-year cross-sectional study', *European Journal of Dental Education*, 27, 4 (2023), 941-948 [R. Leith, I.C. Olegário, A.C. O'Connell]

'Giomer composite compared to glass ionomer in occlusoproximal ART restorations of primary molars: 24-month RCT', *Australian Dental Journal*, 67, 2 (2022), 148-158 [A.L. Pássaro, I.C. Olegário, C.M. Laux, R.C. Oliveira, T.K. Tedesco, D.P. Raggio]

'Use of rubber dam versus cotton roll isolation on composite resin restorations' survival in primary molars: 2-year results from a non-inferiority clinical trial', *BMC Oral Health*, 22, 1 (2022), 440 [I.C. Olegário, B.L.P. Moro, T.K. Tedesco, R.D. Freitas, A.L. Pássaro, J.R. Garbim]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

Crowe, Michael, 'Dental caries in children in Ireland: a systematic review', *Community Dentistry and Oral Epidemiology* (2023), 1-15 [V. Sharma, M. Crowe, O. Cassetti, L. Winning, A. O'Sullivan, M. O'Sullivan]

'Protocol for developing a dashboard for interactive cohort analysis of oral health-related data', *BMC Oral Health*, 23, 1 (2023), 238 [V. Sharma, O. Cassetti, L. Winning, M. O'Sullivan, M. Crowe]

'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, O. Cassetti, B. O' Connell, A. O' Sullivan]

Omer, Osama, 'Oral status and treatment need following radiotherapy for head and neck cancer. Part 2: Clinical findings at baseline and review three years post radiotherapy', *Journal of Disability and Oral Health*, 23, 2 (2022), 42-50 [D. MacCarthy, M. Van Harten, O. Omer]

'Oral status and treatment need following radiotherapy for head and neck cancer. Part 1: Demographic characteristics and early management considerations at baseline', *Journal of Disability and Oral Health*, 23, 2 (2022), 35-41 [D. MacCarthy, M. Van Harten, O. Omer]

O'Sullivan, Jeffrey, 'Alcohol consumption modulates *Candida albicans*-induced oral carcinogenesis and progression', *Journal of Oral Biosciences* (2023), S1349-0079(23)00130-5 [I. O'Grady, J. O'Sullivan]

O'Sullivan, Michael, 'Dental caries in children in Ireland: a systematic review', *Community Dentistry and Oral Epidemiology* (2023), 1-15 [V. Sharma, M. Crowe, O. Cassetti, L. Winning, A. O'Sullivan, M. O'Sullivan]

'Does education in special care dentistry increase people's confidence to manage the care of a more diverse population?', *Special Care in Dentistry* (2023), 1-8 [S. O'Rourke, A. Dougall, M. O'Sullivan]

'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, O. Cassetti, B. O' Connell, A. O' Sullivan]

Polyzois, Ioannis, 'A longitudinal analysis of the impact of nonsurgical and surgical treatment of peri-implantitis upon clinical parameters and implant stability quotient values. A 2-3-year follow-up', *Clinical and Experimental Dental Research*, 1, 10 (2024), e833 [P. Harrison, E. Madeley, M. Nolan, S. Renvert, I. Polyzois]

'Immersion of debrided diabetic foot ulcer (DFU) tissue in electrochemically generated pH neutral hypochlorous acid significantly reduces the microbial bioburden: whole-genome sequencing of *Staphylococcus aureus*, the most prevalent species recovered', *Journal of Hospital Infection*, 138, August (2023), 42-51 [L. Grealy, P. Wilson, C. Gillen, E. Duffy, M.L. Healy, I. Polyzois]

'Prevention and treatment of peri-implant diseases - the EFP S3 level clinical practice guideline', *Journal of Clinical Periodontology*, 50, 26 (2023), 4-76 [T. Berglundh, I. Chapple, D. Herrera, S. Jepsen, L. Trombelli, A.V.A. Wilensky]

Recent publications – Faculty of Health Sciences

- 'An in vitro study evaluating the efficacy of a novel mount with torque control designed to tighten osstell transducers', *Clinical and Experimental Dental Research* (2023), 1-7 [D. Naughton, E. Donnelly-Swift, I. Polyzois]
- Winning, Lewis**, 'Dental caries in children in Ireland: a systematic review', *Community Dentistry and Oral Epidemiology* (2023), 1-15 [V. Sharma, M. Crowe, O. Cassetti, L. Winning, A. O'Sullivan, M. O'Sullivan]
- 'The association of denture wearing with reduced lung function and increased airflow limitation in 58-72 year old men', *PLoS ONE*, 18, 5 (2023), e0285117 [N. Kelly, K. Gormley, D.A. Linden, L. Winning, M. McClory, F.T. Lundy]
- 'Oral health care in adult intensive care units: a national point prevalence study', *Nursing in Critical Care* (2023), <http://dx.doi.org/10.1111/nicc.12919> [N. Kelly, B. Blackwood, N. Credland, L. Stayt, C. Causey, L. Winning]
- 'Protocol for developing a dashboard for interactive cohort analysis of oral health-related data', *BMC Oral Health*, 23, 1 (2023), 238 [V. Sharma, O. Cassetti, L. Winning, M. O'Sullivan, M. Crowe]
- 'Subgingival microbial diversity and respiratory decline: a cross-sectional study', *Journal of Clinical Periodontology*, 50, 7 (2023), 921-931 [L. Winning, G. Moran, M. McClory, I. El Karim, F.T. Lundy, C.C. Patterson]

School of Medicine

ANATOMY

- Barry, Denis**, 'Dyad pedagogy in practical anatomy: a description of the implementation and student perceptions of an adaptive approach to cadaveric teaching', *Anatomical Sciences Education* (2023), <https://doi.org/10.1002%2Fase.2184> [D. P. Cullinane, D.S. Barry]
- Fleming, Neil**, 'The effect of surface compliance on overground running biomechanics. A systematic review and meta-analysis', *Sports Biomechanics/International Society of Biomechanics in Sports*, 21 (2023), 1-25 [C. Mitchell, S. McDonnell, K. Oganezova, D. Mockler, N. Fleming]
- 'Contralateral selectivity of upper limb motor pools via targeted stimulation of the cervical spinal cord', *Biomedicine*, 11, 2 (2023), <http://hdl.handle.net/2262/104180> [N. Fleming, C. Taylor, M. Etzelmueller, C. Gill, C. O'Keefe, N. Mahony, R. Reilly]

Research student

- Cullinane, Dearbhla Patricia**, 'A pilot study of adolescents with psychotic experiences: potential cerebellar circuitry disruption early along the psychosis spectrum', *Cerebellum* (2023), <https://doi.org/10.1007/s12311-023-01579-5> [C. Gaughan, A. Nasa, E. Roman, D. Cullinane, L. Kelly, S. Riaz]

CLINICAL MEDICINE

- Armstrong, Michelle**, 'Blockade of MIF biological activity ameliorates house dust mite-induced allergic airway inflammation in humanized MIF mice', *The FASEB Journal*, 37 (2023), e23072- [H. Dunbar, I.J. Hawthorne, C. Tunstead, M.E. Armstrong, S.C. Donnelly, K. English]
- 'MIF is a common genetic determinant of covid-19 symptomatic infection and severity', *QJM the Quarterly Journal of Medicine*, 116, 3 (2023), 205-212 [J.J. Shin, W. Fan, J. Par-Young, M. Piecychna, I. Kang, R. Bucala]
- 'Bacterial and viral coinfection in idiopathic pulmonary fibrosis patients: the prevalence and possible role in disease progression', *BMC Pulm Med.*, 22, 1 (2022), 60-67 [M. Moghoofei, S. Mostafaei, N. Kondori, M.E. Armstrong, F. Babaei]

Recent publications – Faculty of Health Sciences

- Bannan, Ciaran**, 'Outcomes of a fatigue management intervention for people with post covid-19 condition', *American Journal of Physical Medicine and Rehabilitation*, (2023), <http://hdl.handle.net/2262/104224> [T. Stapleton, L. Norris, K. Clancy, A. O Gorman, C. Bannan, B. Kent]
- Bede, Peter**, 'The gap between academic advances and therapy development in motor neuron disease', *Curr Opin Neurol.*, 36, 4 (2023), 335-337 [P. Bede, P.F. Pradat]
'Radiological correlates of pseudobulbar affect: corticobulbar and cerebellar components in primary lateral sclerosis', *J Neurol Sci.*, 451 (2023), 120726 [M. Tahedi, E.L. Tan, W.F. Siah, J.C. Hengeveld, M.A. Doherty, P. Bede]
- Bennett, Annemarie**, 'Nutrient intakes and gastrointestinal symptoms among esophagogastric cancer survivors up to 5 years post-surgery', *Nutrition and Cancer* (2024), 1-10 [A.E. Bennett, L. O'Neill, S.L. Doyle, E.M. Guinan, J. O'Sullivan, J.V. Reynolds]
'Experiences and perceptions of multidisciplinary paediatric teams of blended tube feeding in children', *Nutrition and Health* (2024), 1-7 [O. Clancy, S. McCormack, M. Graham, K. O'Sullivan, A.E. Bennett]
'Identifying novel data-driven dietary patterns via dimensionality reduction and associations with socioeconomic profile and health outcomes in Ireland', *Nutrients*, 15, 14 (2023), 1-31 [D. Tymko Burke, A.E. Bennett, P. Hynds, A. Priyadarshini]
- Brady, Gareth**, 'Point of care detection of SARS-CoV-2 antibodies and neutralisation capacity - lateral flow immunoassay evaluation compared to commercial assay to inform potential role in therapeutic and surveillance practices', *Frontiers in Public Health*, 11, 1245464 (2023), <http://dx.doi.org/10.3389/fpubh.2023.1245464> [J. McGrath, L. O'Doherty, N. Conlon, J. Dunne, C. Bergin]
'Optimal LC-MS metabolomic profiling reveals emergent changes to monocyte metabolism in response to lipopolysaccharide', *Frontiers in Immunology*, 14 (2023), <http://dx.doi.org/10.3389/fimmu.2023.1116760> [E. Leacy, I. Batten, L. Sanelli, M. McElheron, G. Brady, M.A. Little]
'Molluscum contagiosum virus protein MC008 targets NF- κ B activation by inhibiting ubiquitination of NEMO', *Journal of Virology*, 97, 3 (2023), <http://dx.doi.org/10.1128/jvi.00108-23> [T. Phelan, C. Lawler, A. Pichlmair, M.A. Little, A.G. Bowie, G. Brady]
- Cloonan, Suzanne**, 'LincRNA-Cox2 regulates smoke-induced inflammation in murine macrophages', *American Journal of Respiratory Cell and Molecular Biology*, 68, 5 (2023), 511-522 [M.M. Salih, E.K. Robinson, E. Malekos, E. Perez, A. Capili, S.M. Cloonan]
'KEAP'ing alveolar macrophage mitochondria content in chronic obstructive pulmonary disease', *American Journal of Respiratory and Critical Care Medicine*, 207, 8 (2023), 962-964 [S.M. Cloonan]
'OLA1 phosphorylation: a distress signal from damaged endothelial mitochondria?', *American Journal of Respiratory Cell and Molecular Biology*, 68, 4 (2023), 347-348 [S.M. Cloonan]
'ERS international congress 2022: Highlights from the basic and translational science assembly', *ERJ Open Research*, 9, 2 (2023), 561-2022 [S. Cuevas Ocaña, N. El-Merhie, M.E. Kuipers, M. Lehmann, S.R. Enes, S.M. Cloonan]
'Use of the iron chelator deferiprone to restore function in BAL fluid macrophages in smoking and chronic obstructive pulmonary disease', *American Journal of Respiratory Cell and Molecular Biology*, 68, 4 (2023), 458-462 [K. Kim, W.Z. Zhang, S.A. Kikkers, S.L. O'Beirne, Y. Strulovici-Barel, S.M. Cloonan]
'Alveolar type II epithelial cell FASN maintains lipid homeostasis in experimental COPD', *JCI Insight*, 8, 16 (2023), e163403 [L.C. Fan, K. McConn, M. Plataki, S. Kenny, N.C. Williams, S.M. Cloonan]

Recent publications – Faculty of Health Sciences

- Conway, Richard, 'Effectiveness of ultrasound-guided versus landmark-based glucocorticoid injection in the treatment of first carpometacarpal joint osteoarthritis', *POCUS Journal*, 8, 2 (2023), 230-236 [S.A. Al-Nokhatha, S. Maguire, L. Corcoran, N. Mac Eoin, R. Conway, C. Johnson]
- 'Outcomes for emergency department final diagnosis of non-specific complaint compared to dyspnoea and pain', *Acute Medicine*, 22, 4 (2023), 180-187 [R. Conway, D. Byrne, D. O'Riordan, B. Silke]
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