

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

Boyle, Maria, 'Overcoming the problem of residual microbial contamination in dental suction units left by conventional disinfection using novel single component suction handpieces in combination with automated flood disinfection', *Journal of Dentistry*, 43, 10 (2015), 1268-1279 [M.A. Boyle, M.J. O'Donnell, R.J. Russell, N. Galvin, J. Swan and D.C. Coleman]

Coleman, David, 'Comparative genotypes, staphylococcal cassette chromosome mec (sccmec) genes and antimicrobial resistance amongst *Staphylococcus epidermidis* and *Staphylococcus haemolyticus* isolates from infections in humans and companion animals', *PLOS ONE*, 10, 9 (2015), 1-18: e0138079 [B.A. McManus, D.C. Coleman, E.C. Deasy, G.I. Brennan, B. O'Connell, S. Monecke, R. Ehrlich, B. Leggett, N. Leonard and A.C. Shore]

'Overcoming the problem of residual microbial contamination in dental suction units left by conventional disinfection using novel single component suction handpieces in combination with automated flood disinfection', *Journal of Dentistry*, 43, 10 (2015), 1268-1279 [M.A. Boyle, M.J. O'Donnell, R.J. Russell, N. Galvin, J. Swan and D.C. Coleman]

'Enhanced tracking of the nosocomial transmission of endemic ST22-MRSA-IV among patients and environmental sites using whole-genome sequencing', *Journal of Clinical Microbiology*, 54, 2 (2016), 445-448 [P.M. Kinnevey, A.C. Shore, M. Mac Aogain, E. Creamer, G.I. Brennan, H. Humphreys, T.R. Rogers, B. O'Connell and D.C. Coleman]

'Evaluation of commercial chromogenic media for the detection of methicillin-resistant *Staphylococcus aureus*', *Journal of Hospital Infection*, 92, 3 (2016), 287-292 [G.I. Brennan, C. Herra, D.C. Coleman, B. O'Connell and A.C. Shore]

'The emergence and spread of multiple livestock-associated clonal complex 398 methicillin-resistant and methicillin-susceptible *Staphylococcus aureus* strains among animals and humans in the Republic of Ireland, 2010-2014', *PLOS ONE*, 11, 2 (2016), 1-11: e0149396 [G.I. Brennan, Y. Abbott, A. Burns, F. Leonard, B. McManus, B. O'Connell, D.C. Coleman and A.C. Shore]

'In vitro activity of ceftaroline against mecC MRSA isolates', *Journal of Global Antimicrobial Resistance*, 5 (2016), 3-6 [M. Armengol-Porta, A. Tenorio-Abreu, D. Bandt, D.C. Coleman, D. Gavier-Widen, (...) and S. Monecke]

'First report of cfr-encoding plasmids in the pandemic sequence type (st) methicillin-resistant *Staphylococcus aureus* staphylococcal cassette chromosome mec type-iv clone', *Antimicrobial Agents and Chemotherapy*, 60, 5 (2016), 3007-3015 [A.C. Shore, A. Lazaris, P.M. Kinnevey, O.M. Brennan, G.I. Brennan, B. O'Connell, A.T. Febler, S. Schwarz and D.C. Coleman]

Fleming, Garry, 'In vitro comparison of polymerisation kinetics and the micro-mechanical properties of low and high viscosity giomers and RBC materials', *Journal of Dentistry*, 43, 7 (2015), 814-822 [N. Ilie and G.J.P. Fleming]

Recent publications – Faculty of Health Sciences

- 'Fracture toughness testing: a discriminatory mechanical testing performance indicator for glass-ionomer restoratives?', *Dental Materials*, 31, 8 (2015), 877-886 [M.S. Baig, C.H. Lloyd and G.J.P. Fleming]
- 'Conventional glass-ionomer materials: a review of the developments in glass powder, polyacid liquid and the strategies of reinforcement', *Journal of Dentistry*, 43, 8 (2015), 897-912 [M.S. Baig and G.J.P. Fleming]
- 'Transcriptional profiling of suberoylanilide hydroxamic acid (SAHA) regulated genes in mineralizing dental pulp cells at early and late time points', *Genomic Data*, 5 (2015), 391-393 [H.F. Duncan, A.J. Smith, G.J. P. Fleming, G.P. Moran and P.R. Cooper]
- McManus, Brenda**, 'Comparative genotypes, Staphylococcal cassette chromosome mec (sccmec) genes and antimicrobial resistance amongst *Staphylococcus epidermidis* and *Staphylococcus haemolyticus* isolates from infections in humans and companion animals', *PLOS ONE*, 10, 9 (2015), 1-18: e0138079 [B.A. McManus, D.C. Coleman, E.C. Deasy, G.I. Brennan, B. O'Connell, S. Monecke, R. Ehricht, B. Leggett, N. Leonard and A.C.Shore]
- 'The emergence and spread of multiple livestock-associated clonal complex 398 methicillin-resistant and methicillin-susceptible *Staphylococcus aureus* strains among animals and humans in the Republic of Ireland, 2010-2014', *PLOS ONE*, 11, 2 (2016), 1-11: e0149396 [G.I. Brennan, Y. Abbott, A. Burns, F. Leonard, B. McManus, B. O'Connell, D.C. Coleman and A.C. Shore]
- Moran, Gary**, 'Response of extraintestinal pathogenic *Escherichia coli* to human serum reveals a protective role for Rcs-regulated exopolysaccharide colanic acid', *Infect. Immun* (2014), 298-205 [H. Miajlovic, N.M. Cooke, G.P. Moran, T.R. Rogers and S.G.Smith]
- 'An *in vivo* comparison of bacterial microleakage in two dental implant systems: identification of a pathogenic reservoir in dental implants', *Acta Odontologica Scandinavica*, 73, 3 (2015), 188-194 [J. Mawhinney, E. Connolly, N. Claffey, G. Moran and I. Polyzois]
- 'Transcriptional profiling of suberoylanilide hydroxamic acid (SAHA) regulated genes in mineralizing dental pulp cells at early and late time points', *Genomic Data*, 5 (2015), 391-393 [H.F. Duncan, A.J. Smith, G.J.P. Fleming, G.P. Moran and P.R. Cooper]
- '*Candida albicans* exhibits enhanced alkaline and temperature induction of Efg1-regulated transcripts relative to *Candida dubliniensis*', *Genomics Data*, 6 (2015), 130-135 [N. Caplice and G. Moran]
- 'The histone-deacetylase-inhibitor suberoylanilide hydroxamic acid promotes dental pulp repair mechanisms through modulation of matrix metalloproteinase-13 activity', *Journal of Cellular Physiology*, 231 (2016), 798-816 [H.F. Duncan, A.J. Smith, G.J. Fleming, N.C. Partridge, E. Shimizu, G.P. Moran and P.R. Cooper]
- O'Donnell, Mary**, 'Overcoming the problem of residual microbial contamination in dental suction units left by conventional disinfection using novel single component suction handpieces in combination with automated flood disinfection', *Journal of Dentistry*, 43, 10 (2015), 1268-1279 [M.A. Boyle, M.J. O'Donnell, R.J. Russell, N. Galvin, J. Swan and D.C. Coleman]
- Shore, Anna**, 'Comparative genotypes, Staphylococcal cassette chromosome mec (SCCmec) genes and antimicrobial resistance amongst *Staphylococcus epidermidis* and *Staphylococcus haemolyticus* isolates from infections in humans and companion animals', *PLOS ONE*, 10, 9 (2015), 1-18: e0138079 [B.A. McManus, D.C. Coleman, E.C. Deasy, G.I. Brennan, B. O'Connell, S. Monecke, R. Ehricht, B. Leggett, N. Leonard and A.C.Shore]
- 'Enhanced tracking of the nosocomial transmission of endemic ST22-MRSA-IV among patients and environmental sites using whole-genome sequencing', *Journal of Clinical Microbiology*, 54, 2 (2016), 445-448 [P.M. Kinnevey, A.C. Shore, M. Mac Aogain, E. Creamer, G.I. Brennan, H. Humphreys, T.R. Rogers, B. O'Connell and D.C. Coleman]
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'In vitro activity of ceftaroline against mecC mrsa isolates', *Journal of Global Antimicrobial Resistance*, 5 (2016), 3-6 [M. Armengol-Porta, (...), A.C. Shore, R. Ehricht and S. Monecke]

'First report of cfr-encoding plasmids in the pandemic sequence type (ST) methicillin-resistant *Staphylococcus aureus* Staphylococcal cassette chromosome mec type-iv clone', *Antimicrobial Agents and Chemotherapy*, 60, 5 (2016), 3007-3015 [A.C. Shore, A. Lazaris, P.M. Kinnevey, O.M. Brennan, G.I. Brennan, B. O'Connell, A.T. Febler, S. Schwarz and D.C. Coleman]

Research student

Kinnevey, Peter, 'Enhanced tracking of the nosocomial transmission of endemic ST22-MRSA-IV among patients and environmental sites using whole-genome sequencing', *Journal of Clinical Microbiology*, 54, 2 (2016), 445-448 [P.M. Kinnevey, A.C. Shore, M. Mac Aogain, E. Creamer, G.I. Brennan, H. Humphreys, T.R. Rogers, B. O'Connell and D.C. Coleman]

'In vitro activity of ceftaroline against mecc MRSA isolates', *Journal of Global Antimicrobial Resistance*, 5 (2016), 3-6 [M. Armengol-Porta, (...), P. Kinnevey, A. Lazaris, M. Peters, L. Rangstrup-Christensen, K. Schlotter, A.C. Shore, R. Ehricht and S. Monecke]

'First report of cfr-encoding plasmids in the pandemic sequence type (st) methicillin-resistant *Staphylococcus aureus* Staphylococcal cassette chromosome mec type-iv clone', *Antimicrobial Agents and Chemotherapy*, 60, 5 (2016), 3007-3015 [A.C. Shore, A. Lazaris, P.M. Kinnevey, O.M. Brennan, G.I. Brennan, B. O'Connell, A.T. Febler, S. Schwarz and D.C. Coleman]

ORAL AND MAXILLOFACIAL SURGERY, MEDICINE, PATHOLOGY AND RADIOLOGY

Flint, Stephen, 'Raman micro-spectroscopy for rapid screening of oral squamous cell carcinoma', *Experimental and Molecular Pathology*, 98, 3 (2015), 502-9 [L.F. Carvalho, F. Bonnier, K. O'Callaghan, J. O'Sullivan, S. Flint, H.J. Byrne and F.M. Lyng]

Healy, Claire, 'The INHANCE consortium: toward a better understanding of the causes and mechanisms of head and neck cancer', *Oral Diseases*, 21, 6 (2015), 685-693 [D.M. Winn, Y.-C. Lee, (...), C. Healy, R. Herrero *et al*]

'Risk factors for head and neck cancer in young adults: a pooled analysis in the INHANCE consortium', *International Journal of Epidemiology*, 44, 1 (2015), 169-185 [T.N. Toporcov, A. Znaor, (...), C. Healy, R.B. Hayes *et al*]

'Patch testing in oral lichenoid lesions of uncertain etiology', *Dermatitis*, 26, 2 (2015), 89-93 [M. Lynch, A. Ryan, S. Galvin, S., Flint, C.M. Healy, N. O'Rourke, K. Lynch, S. Rogers and P. Collins]

'Ebola virus disease: review and implications for dentistry in Ireland', *Journal of the Irish Dental Association*, 61, 3 (2015), 141-143 [S. Galvin, S.R. Flint and C.M. Healy]

Stassen, Leo, 'Midazolam and drug-drug interactions in dental conscious sedation', *Journal of the Irish Dental Association*, 60, 1 (2014), 38-43 [D. Broderick, M. Clarke and L. Stassen]

'Weekly cisplatin concurrently with radiotherapy in head and neck squamous cell cancer: a retrospective analysis of a tertiary institute experience', *Eur Arch Otorhinolaryngol*, 271, 8 (2014), 2253-9 [N. Osman, Y.Y. Elamin, S. Rafee, C. O'Brien, L.F. Stassen, C. Timon, J. Kinsella, S. Brennan and K.J. O'Byrne]

'The management of osteoradionecrosis of the jaws - a review', *Surgeon*, Apr 13, 2 (2015), 101-109 [N. Rice, I. Polyzois, K. Ekanayake, O. Omer and L.F. Stassen]

'Time for laughter', *Knowledge-Based Systems*, 71(2014), 15-24 [F. Bonin, N. Campbell and C. Vogel]

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'Limited dissection and early primary closure of the tracheostomy stoma in head and neck oncology operations: a retrospective study of 158 cases', *International Journal of Oral and Maxillofacial Surgery*, 44, 3 (2015), 297-300 [O. Hammarfjord, K. Ekanayake, J. Norton and L.F.A. Stassen]

'The occurrence of paraesthesia of the maxillary division of the trigeminal nerve after dental local anaesthetic use: a case report', *Journal of the Irish Dental Association*, 61, 1 (2015), 34-35 [A. Moorthy and L.F. Stassen]

'Smoking cessation and the role of the dental practitioner', *Journal of the Irish Dental Association*, 61, 2 (2015), 90-92 [L.F. Stassen and O. Hammarfjord]

'Sports-related maxillofacial injuries', *Journal of Craniofacial Surgery*, 26, 7 (2015), 2120-2123 [C. Murphy, J.E. O'Connell, G. Kearns and L. Stassen]

'Oral squamous cell carcinoma presenting in a patient receiving adalimumab for rheumatoid arthritis', *Journal of Oral and Maxillofacial Surgery*, 73, 11 (2015), 2136-2141 [A. Beattie, L.F.A. Stassen and K. Ekanayake]

'Effect of alveolar bone support on zygomatic implants in an extra-sinus position - a finite element analysis study', *International Journal of Oral and Maxillofacial Surgery*, 44, 6 (2015), 785-790 [M. Freedman, M. Ring and L.F.A. Stassen]

'New oral anticoagulants and their implications for dental patients', *Journal of the Irish Dental Association*, 60, 3 (2014), 137-143 [J.E. O'Connell and L.F. Stassen]

'Post-extraction inferior alveolar nerve neurosensory disturbances - a guide to their evaluation and practical management', *Journal of the Irish Dental Association*, 60, 5 (2014), 241-250 [N. Mahon and L.F. Stassen]

'Case report: sublingual epidermoid cyst in an elderly patient', *Journal of the Irish Dental Association*, 60, 2 (2014), 90-93 [S. Anderson and L.F. Stassen]

'Infection of the beard area. Kerion: a review of 2 cases', *Irish Medical Journal*, 107, 7 (2014), 219-221 [D. Wall, M. Fraher, B. O'Connell, R. Watson, C. Timon, L.F. Stassen and L. Barnes]

PUBLIC AND CHILD DENTAL HEALTH

Duane, Brett, 'Mother-to-child transmission of *Streptococcus mutans*', *Evidence-based Dentistry*, 16, 2 (2015), 39-40 [C. Binks and B. Duane]

'Maternal xylitol and mutans Streptococci transmission', *Evidence-based Dentistry*, 16, 2 (2015), 41-2 [C. Yates and B. Duane]

'Further evidence that periodontal bone loss increases with smoking and age', *Evidence-based Dentistry*, 15, 3 (2014), 72-3 [B. Duane]

'Xylitol and caries prevention', *Evidence-based Dentistry*, 16, 2 (2015), 37-8 [B. Duane]

'Non-conventional caries management techniques for children show promise', *Evidence-based Dentistry*, 15, 2 (2014), 43-4 [S. Thillainathan and B. Duane]

'Risk-based caries prevention may be more effective in children', *Evidence-based Dentistry*, 15, 2 (2014), 41-2 [Y. Allen and B. Duane]

'Carbon mitigation, patient choice and cost reduction - triple bottom line optimisation for health care planning', *Public Health*, 128, 10 (2014), 920-4 [B. Duane, T. Taylor, W. Stahl-Timmins, J. Hyland, P. Mackie and A. Pollard]

'Weighing up the weighted case mix tool (WCMT): a psychometric investigation using confirmatory factor analysis', *Community Dental Health*, 31, 4 (2014), 200-6 [B.G. Duane, G. Humphris, D. Richards, E.J. O'Keefe, K. Gordon and R. Freeman]

'Trends and costs of high concentration fluoride toothpaste prescribing in Scotland', *British Dental Journal*, 216, 10 (2014), 589-91 [B.G. Duane, D. Richards, L. Young and B. Archibald]

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MacGiolla Phadraig, Caoimhin, 'Total tooth loss and complete denture use in older adults with intellectual disabilities in Ireland', *Journal of Public Health Dentistry*, 75, 2 (2015), 101-108 [P.C. MacGiolla, M. McCarron, E. Burke, E. Cleary, E. McGlinchey, P. McCallion and J. Nunn]

O'Connell, Anne, 'Assessment of occlusion after placement of stainless steel crowns in children - a pilot study', *Journal of Oral Rehabilitation*, 41, 10 (2014), 730-736 [S. Gallagher, B.C. O'Connell and A.C. O'Connell]

'Impact of sleepwise: an intervention for youth with developmental disabilities and sleep disturbance', *Journal of Autism and Developmental Disorders*, 44, 7 (2014), 1695-1707 [A.H.B. Moss, J.E. Gordon and A. O'Connell]

Sagheri, Darius, 'Association of temporomandibular disorder pain with awake and sleep bruxism in adults', *Journal of Orofacial orthopaedics*, 76, 4 (2015), 305-317 [I. Sierwald, M.T. John, O. Schierz, C. Hirsch, D. Sagheri, P.G. Jost-Brinkmann and D.R. Reissmann]

'The German 19-item version of the child oral health impact profile: translation and psychometric properties', *Clinical Oral Investigations* (2015), <http://dx.doi.org/10.1007/s00784-015-1503-7> [I. Sierwald, M.T. John, D. Sagheri, J. Neuschulz, E. Schüler, C. Splieth, P.G. Jost-Brinkmann and D.R. Reissmann]

RESTORATIVE DENTISTRY AND PERIODONTOLOGY

Duncan, Hal, 'Transcriptional profiling of suberoylanilide hydroxamic acid (SAHA) regulated genes in mineralizing dental pulp cells at early and late time points', *Genomic Data*, 5 (2015), 391-393 [H.F. Duncan, A.J. Smith, G.J.P. Fleming, G.P. Moran and P.R. Cooper]

'The histone-deacetylase-inhibitor suberoylanilide hydroxamic acid promotes dental pulp repair mechanisms through modulation of matrix metalloproteinase-13 activity', *Journal of Cellular Physiology*, 231 (2016), 798-816 [H.F. Duncan, A.J. Smith, G.J. Fleming, N.C. Partridge, E. Shimizu, G.P. Moran and P.R. Cooper]

'Exploiting the bioactive properties of dentin-pulp in regenerative endodontics', *Journal of Endodontics*, 42, 1 (2016), 47-56- [A.S. Smith, H.F. Duncan, A. Diogenes, S. Simon and P.R. Cooper]

'A prospective audit of postoperative instructions given to patients undergoing root canal treatment in Dublin Dental University Hospital and re-audit following the introduction of a written patient information sheet', *Journal of the Irish Dental Association*, 62, 1 (2016), 55-59- [A. Moorthy, A.F. Alkadhimi, L.F. Stassen and H.F. Duncan]

O'Connell, Brian, 'Efficacy of the Nance appliance as an anchorage-reinforcement method', *American Journal of Orthodontics and Dentofacial Orthopedics*, 147, 3 (2015), 330-338 [E.A. Al-Awadhi, T.M. Garvey, M. Alhag, N.M. Claffey and B. O'Connell]

O'Sullivan, Jeffrey, 'Raman micro-spectroscopy for rapid screening of oral squamous cell carcinoma', *Experimental and molecular pathology*, 98, 3 (2015), 502-9 [L.F. Carvalho, F. Bonnier, K. O'Callaghan, J. O'Sullivan, S. Flint, H.J. Byrne and F.M. Lyng]

'Induction of apoptosis in oral squamous carcinoma cells by pyrrolo-1,5-benzoxazepines', *Molecular Medicine Reports*, 12, 3 (2015), 3748-54 [K. O'Callaghan, E. Palagano, S. Butini, G. Campiani, D.C. Williams, D.M. Zisterer and J. O.Sullivan]

Polyzois, Ioannis, 'Evaluation of new bone formation and osseointegration around subperiosteal titanium implants with histometry and nanoindentation', *The International Journal of Oral and Maxillofacial Implants*, 30, 5 (2015), 1004-1010 [N. Claffey, H. Bashara, P. O'Reilly and I. Polyzois]

'EFP Delphi study on the trends in periodontology and periodontics in Europe for the year 2025', *Journal of Clinical Periodontology*, DOI: 10.1111 (2016), 1-10 [P.N. Madianos, (...), I. Polyzois, P.M. Preshaw, R. Mia *et al*]

Recent publications – Faculty of Health Sciences

School of Medicine

Egom, Emmanuel, 'BNP and heart failure: preclinical and clinical trial data', *Journal of Cardiovascular Translational Research*, 8, 3 (2015), 149-157 [E.E. Egom]

'The effect of the sphingosine-1-phosphate analogue FTY720 on atrioventricular nodal tissue', *Journal of Cellular and Molecular Medicine*, 19, 7 (2015), 1729-1734 [E.E. Egom, P. Kruzliak, V. Rotrekl and M. Lei]

'Mechanisms of renal hyporesponsiveness to BNP in heart failure', *Canadian Journal of Physiology and Pharmacology*, 93, 6 (2015), 399-403 [E.E. Egom, T. Feridooni, A. Hotchkiss, P. Kruzliak and K.B.S. Pasumarthi]

'Impaired sinoatrial node function and increased susceptibility to atrial fibrillation in mice lacking natriuretic peptide receptor C', *Journal of Physiology*, 593, 5 (2015), 1127-1146 [E.E. Egom, (...), S. Rafferty, G. Ray and R.A. Rose]

'Simvastatin in moderate-to-severe COPD', *The New England Journal of Medicine*, 371, 10 (2014), 969 [E.E. Egom]

'Is there a way out for the 2014 Ebola outbreak in Western Africa?', *Asian Pacific Journal of Tropical Medicine*, 8, 10 (2015), 773-778 [A. Andreas, C.B.A. Egom, P. Kruzliak and E.E. Egom]

'HDL-C/HDL-P ratio: a measure of reverse cholesterol transport rather than HDL functionality', *Journal of the American College of Cardiology*, 65, 23 (2015), 2576 [E.E. Egom]

'To the editor', *New England Journal of Medicine*, 373, 15 (2015), 1474 [E.E. Egom]

'Sphingosine-1-phosphate signalling as a therapeutic target for patients with abnormal glucose metabolism and ischaemic heart disease', *Journal of Cardiovascular Medicine*, 15, 7 (2014), 517-524 [E.E. Egom]

'B-type natriuretic peptide and heart failure: what can we learn from clinical trials?', *Clinical and Experimental Pharmacology and Physiology*, 42, 9 (2015), 881-887 [C. Binoun-A-Egom, A. Andreas, J. Klimas, V. Valentova, P. Kruzliak and E.E. Egom]

'Ezetimibe plus a statin after acute coronary syndromes', *The New England Journal of Medicine*, 373, 15 (2015), 1474- [E.E. Egom]

'Letter from Egom regarding article, "high-density lipoprotein cholesterol, size, particle number, and residual vascular risk after potent statin therapy"', *Circulation*, 129, 17 (2014), <http://dx.doi.org/10.1161/circulationaha.113.006477> [E.E. Egom]

'Altered parasympathetic nervous system regulation of the sinoatrial node in Akita diabetic mice', *Journal of Molecular and Cellular Cardiology*, 82 (2015), 125-135 [P.S. Krishnaswamy, E.E. Egom, M. Moghtadaei, H.J. Jansen, J. Azer, O. Bogachev, M. Mackasey, C. Robbins and R.A. Rose]

Feighery, Conleth, 'Biomarkers predict relapse in granulomatosis with polyangiitis', *Journal of Biomarkers*, (2014), 596503 [P.C. Hogan, R.M. O'Connell, S. Scollard, E. Browne, E.E. Hackett and C. Feighery]

Lithander, Fiona, 'Postprandial adiponectin and gelatinase response to a high-fat versus an isoenergetic low-fat meal in lean, healthy men', *Nutrition*, 31, 6 (2015), 863-870 [A. Kennedy]

Morris, Marie, 'Assessment of competence in surgical skills using functional magnetic resonance imaging: a feasibility study', *Journal of Surgical Education* (2014), <http://hdl.handle.net/2262/75584> [M.C. Morris, T. Frodl, A. D'Souza, A.J. Fagan and P.F. Ridgway]

'When should surgeons retire?', *British Journal of Surgery*, 103, 1 (2016), 35-42 [N.R. Bhatt, M. Morris, A. O'Neil, A. Gillis and P.F. Ridgway]

'Evaluation of a "subintern" role: action over observation for final-year medical students in surgery', *J Surg Educ*, 72, 5 (2015), 862-867 [M.C. Morris, M. Hennessy, K.C. Conlon and P.F. Ridgway]

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- O'Connell, Finbarr**, 'The emergence and spread of multiple livestock-associated clonal complex 398 methicillin-resistant and methicillin-susceptible *Staphylococcus aureus* strains among animals and humans in the Republic of Ireland, 2010-2014', *PLOS ONE*, 11, 2 (2016), 1-11: e0149396 [G.I. Brennan, Y. Abbott, A. Burns, F. Leonard, B. McManus, B. O'Connell, D.C. Coleman and A.C. Shore]
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- O'Morain, Colm**, 'Antimicrobial susceptibility testing for *Helicobacter pylori* in times of increasing antibiotic resistance', *World Journal of Gastroenterology*, 20, 29 (2014), 9912-21 [S.M. Smith, C. O'Morain and D. McNamara]
- Patterson, Aileen**, 'Validation and evaluation of new assessments for the otolaryngology undergraduate medical clerkship', *The Journal of Laryngology and Otology* (2015), 1-6 [R. Woods, T. Subramaniam, A. Patterson, M. Hennessy and C. Timon]
'Medical humanities: a closer look at learning', *Medical Humanities*, (2016), DOI:10.1136/med-hum-2015-010834 [M. Patterson, D. Sharek, M. Hennessy, M. Phillips and S. Schofield]
- Teeling, Mary**, 'Comorbidity, health-related quality of life and self-care in type 2 diabetes: a cross-sectional study in an outpatient population', *Irish Journal of Medical Science*, 184, 3 (2015), 623-630 [M.P. O'Shea, M. Teeling and K. Bennett]
'Regional variation in medication-taking behaviour of new users of oral anti-hyperglycaemic therapy in Ireland', *Irish Journal of Medical Science*, 184, 2 (2015), 403-410 [M.P. O'Shea, M. Teeling and K. Bennett]
'The development of the PROMPT (PRescribing Optimally in Middle-aged People's Treatments) criteria', *BMC Health Services Research*, 14(2014), 13 [J.A. Cooper, C. Ryan, S.M. Smith, E. Wallace, K. Bennett, C. Cahir, D. Williams, M. Teeling, T. Fahey and C.M. Hughes]

ANATOMY

- Barry, Denis**, 'Anatomy education for the YouTube generation', *Anatomical Sciences Education*, 9, 1 (2016), 90-96 [D.S. Barry, F. Marzouk, K. Chulak-Oglu, D. Bennett, P. Tierney and G.W. O'Keeffe]
- Tierney, Paul**, 'Audiovisual preconditioning enhances the efficacy of an anatomical dissection course: a randomized study', *Journal of Plastic, Reconstructive and Aesthetic Surgery*, 68, 7 (2015), 1010-1015 [A.M. Collins, C.S. Quinlan, R.T. Dolan, S.P. O'Neill, P. Tierney, K.J. Cronin and P.F. Ridgway]
'Anatomy education for the YouTube generation', *Anatomical Sciences Education*, 9, 1 (2016), 90-96 [D.S. Barry, F. Marzouk, K. Chulak-Oglu, D. Bennett, P. Tierney and G.W. O'Keeffe]
'Biomechanical analysis of a salt-modified polyvinyl alcohol hydrogel for knee meniscus applications, including comparison with human donor samples' *Journal of the Mechanical Behavior of Biomedical Materials*, 56 (2016), 156-164 [J.C. Hayes, C. Curley, P. Tierney and J.E. Kennedy]

CLINICAL MEDICINE

- Bede, Peter**, "'Sand-watch" spinal cord: a case of inferior cervical spinal cord atrophy', *Journal of Neurology* (2014), 235-7 [P. Bede, R. Walsh, A.J. Fagan and O. Hardiman]
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