Report of the President 2014/2015 - School of Veterinary Medicine

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Book Chapters

Professor Pieter Brama


Dr Leigh Corner


Ms Laura Cuddy


Professor Stephen Gordon


Dr Finola Leonard


Dr Ingrid Lorenz


Dr Bryan Markey

**Professor Simon John More**


Peer Reviewed Journals

**Professor Alan Baird**

Medani M, Collins D;Mohan HM;Walsh E;Winter DC;Baird AW (2015) 'Prostaglandin D2 regulates human colonic ion transport via the DP1 receptor'. *Life Sciences*, 122 :87-91.

**Dr Gerald Barry**


**Dr Marijke Beltman**


**Professor Pieter Brama**


embryos'. Stem Cells and Development, 1:1883-1898.

Professor David Brayden

Brayden DJ, Maher S, Bahar B, Walsh E (2015) 'Sodium caprate-induced increases in intestinal permeability and epithelial damage are prevented by misoprostol'. European journal of pharmaceutics and biopharmaceutics : official journal of Arbeitsgemeinschaft fur Pharmazeutische Verfahrenstechnik e.V.
Brayden DJ, Walsh E (2014) 'Efficacious intestinal permeation enhancement induced by the sodium salt of 10-undecylenic acid, a medium chain fatty acid derivative'. AAPS Journal, 16 (5):1064-1076.

Professor Stephen Carrington

Yuan S, Hollinger M, Lachowicz-Scroggins ME, Kerr SC, Dunican EM, Daniel BM,


**Dr Joe Cassidy**


**Ms Tracy Clegg**


**Mr Daniel Collins**


**Dr Leigh Corner**


**Dr Daniel Crean**


Crean D, Godson C (2015) 'Specialised lipid mediators and their targets'. *Seminars in Immunology*.


**Professor Mark Crowe**


**Ms Laura Cuddy**


**Dr Theo De Waal**


**Professor Michael Doherty**


Conneely, M; Berry, DP; Murphy, JP; Lorenz, I; Doherty, ML; Kennedy, E (2014) 'Effect of feeding colostrum at different volumes and subsequent number of transition milk feeds on the serum immunoglobulin G concentration and health status of dairy calves'. *Journal of Dairy Science*.

**Dr James Gibbons**


**Professor Stephen Gordon**


Berg S, Schelling E; Hailu E; Firdessa R; Gumi B; Erenso G; Gadisa E; Mengistu A; Habtamu M; Hussein J; Kiros T; Bekele S; Mekonnen W; Derese Y; Zinsstag J; Ameni G; Gagneux S; Robertson BD; Tschopp R; Hewinson G; Yamuah L; Gordon SV; Aseffa A (2015) 'Investigation of the high rates of extrapulmonary tuberculosis in Ethiopia reveals no single driving factor and minimal evidence for zoonotic transmission of Mycobacterium bovis infection'. *BMC Infectious Diseases*, 15.

Rue-Albrecht K, Magee DA; Killick KE; Nalpas NC; Gordon SV; MacHugh DE (2014) 'Comparative functional genomics and the bovine macrophage response to strains of the mycobacterium genus'. *Frontiers in Immunology*, 5.


**Dr Eamonn Gormley**

Casey ME, Meade KG; Nalpas NC; Taraktsoglou M; Browne JA; Killick KE; Park SD; Gormley E; Hokamp K; Magee DA; MacHugh DE (2015) 'Analysis of the Bovine Monocyte-Derived Macrophage Response to Mycobacterium avium Subspecies Paratuberculosis Infection Using RNA-seq'. *Frontiers in Immunology*, 6.


**Dr Alison J Hanlon**


**Dr Viilhelmiina Huuskonen**


**Dr Hanne Jahns**


Jahns, H. and Jones, P.J. (2015) 'Primary mammary carcinoma in a Sika deer (Cervus Nippon) with a coexisting intestinal adenocarcinoma'. *Veterinary Quarterly* .


Jill Bryan, Marie De Swarte, Alice Tamborini, Hanne Jahns (2014) 'Primary pulmonary artery osteosarcoma in a dog'. *Veterinary Record* .

**Professor Barbara Kirby**


Giordano P, Kirby BM, Bennett RC, Bernard F (2014) 'Tension pneumothorax
secondary to nasojejunal feeding tube misplacement in a mechanically ventilated dog'. 

Australian Veterinary Journal.

Dr Arun Kumar


Dr Finola Leonard


Dr Ingrid Lorenz

failure of passive transfer in the bovine', *Irish Veterinary Journal*.  
Conneely, M; Berry, DP; Murphy, JP; Lorenz, I; Doherty, ML; Kennedy, E (2014) 'Effect of feeding colostrum at different volumes and subsequent number of transition milk feeds on the serum immunoglobulin G concentration and health status of dairy calves'. *Journal of Dairy Science*.  

**Dr Bryan Markey**  

**Mr Guy McGrath**  

**Professor Carmel Mooney**  

Professor Simon John More


Professor Grace V T Mulcahy


Dr Finbar Mulligan


Professor Evelyn Murphy

'Adenosine Modulates NR4A Orphan Nuclear Receptors To Attenuate Hyperinflammatory Responses in Monocytic Cells'. Immunology, 195 (4):1436-1448.


Dr Peter O'Brien


Mr Luke O'Grady


Dr Emma O'Neill


Dr Colm Reid

Dr Marion Ryan


Dr Sinead Ryan


Dr Mary Sekiya


Dr Robert Shiel


Professor Torres Sweeney


Dr Paul Whyte


'Development of a HACCP-based approach to control paratuberculosis in infected Irish dairy herds'. *Preventive Veterinary Medicine*, 120:152-161.


**Dr Annetta Zintl**


Zintl A., Talavera S., Sacchi-Nestor C., Ryan M., Chryssafidis A., Mulcahy G. (2015) 'Comparison of Fasciola hepatica genotypes in relation to their ability to establish patent infections in the final host'. *Veterinary Parasitology*.


**Dr Arun Kumar**

David Kilroy, and Arun HS Kumar (2015) 'Dilemma in the diversity of foramen magnum dimensions' *BEMS Reports*.


**Professor Simon John More**


welfare aspects of the use of perches for laying hens' EFSA Journal, 13 (6).
EFSA Scientific Committee (2015) 'Statement on the benefits of fish/seafood consumption compared to the risks of methylmercury in fish/seafood' EFSA Journal, 13 (1).

Conference Publications

Professor David Brayden


McCartney, F., Garcia, J., Teixido, M., Heade, J., Giralt, E. & Brayden, D. J. (2015) A cell penetrating peptide-medium chain fatty acid conjugate increases paracellular...
permeability across isolated rat intestinal mucosae *Controlled Release Society*, Edinburgh, 42: Abstract 268


Brayden, D.J. & Walsh, E. W. (2014) A medium chain fatty acid derivative, the sodium salt of 10-undecylenic acid is an efficacious non-toxic intestinal permeation enhancer *AAPS*, San Diego, Abstract AM-14-0

**Professor Stephen Carrington**

Bhattacharee S, Mahon E, Dawson KA, Carrington SD, Brayden DJ (2015) Rapid Screening of Nanoparticle capacity to pass through fresh porcine duodenal mucus *Mucins in Health and Disease*,


Hobbs,LHC, Stockmann,H, Adamczyk,V, Rudd,PM, Evans,ACO, Carrington, SD,Williams, EJ. (2014) Postpartum uterine disease in cattle is associated with increased fucosylation of Immunoglobulin G *European Society for Domestic Animal Reproduction Annual Conference*,
**Professor Mark Crowe**


**Dr Alison J Hanlon**


**Dr Lisa Katz**


**Dr Emma O’Neill**


**Dr Sinead Ryan**


**Published Reports**

**Dr Theo De Waal**


Other Publications

**Professor Michael Doherty**


**Professor Stephen Gordon**