Report of President 2013/2014 - School of Veterinary Medicine

Books

Dr Finola Leonard


Dr Bryan Markey


Dr Eamonn Gormley


Dr Alison J Hanlon


Dr Lisa Katz


Professor Simon John More

Dr Peter O'Brien


Peer Reviewed Journals

Professor Alan Baird


Dr Marijke Eileen Beltman


McNally JC, Crowe MA, Roche JF, Beltman ME. (2014) 'Effects of physiological and/or disease status on the response of postpartum dairy cows to synchronization of estrus using an intravaginal progesterone device'. *Theriogenology*.


Professor Pieter Brama


Cleary MA, van Osch GJ, Brama PA, Hellingman CA, Narcisi R (2013) 'FGF, TGFβ and Wnt crosstalk: embryonic to in vitro cartilage development from mesenchymal stem cells'. *Tissue engineering*.


**Professor David Brayden**


**Dr Andrew Byrne**


Byrne, AW; Quinn, JL; O'Keeffe JJ; Green, S; Sleeman DP; Martin SW; Davenport, J (2014) 'Large-scale movements in European badgers: has the tail of the movement kernel been underestimated?'. Journal of Animal Ecology.

**Professor Stephen Carrington**


**Dr Joe Cassidy**


Cassidy JP (2013) 'Mycobacterium bovis infection: everything but the cow'. *The Veterinary Journal*. 
Ms Tracy Clegg


Mr Daniel Collins

Cullinane, M., O'Sullivan, E., Collins, D.M., Byrne, A.W., More, S.J. (2014) 'Horse impoundments under Control of Horses legislation in the Munster region of Ireland: factors affecting euthanasia'. *Veterinary Record*.


Professor Mark Crowe


McNally JC, Crowe MA, Roche JF, Beltman ME (2014) 'Effects of physiological and/or disease status on the response of postpartum dairy cows to synchronization of estrus using an intravaginal progesterone device'. *Theriogenology*.


Dr Theo De Waal


Ms Andrea Dineen


Professor Michael Doherty

Conneely, M; Berry, DP; Sayers, R; Murphy, JP; Doherty, ML; Lorenz, I; Kennedy, E (2014) 'Does iodine supplementation of the prepartum dairy cow diet affect serum immunoglobulin G concentration, iodine, and health status of the calf?'. Journal of Dairy Science.


Conneely, M; Berry, DP; Murphy, JP; Lorenz, I; Doherty, ML; Kennedy, E (2014) 'Effects of milk feeding volume and frequency on body weight and health of dairy heifer calves'. Livestock Science.


**Dr Vivienne Duggan**


**Dr James Gibbons**

Gibbons JF, Boland F, Buckley JF, Butler F, Egan J, Fanning S, Markey BK, Leonard FC. (2014) 'Patterns of antimicrobial resistance in pathogenic Escherichia coli isolates from cases of calf enteritis during the spring-calving season'. *Veterinary Microbiology*.

Philbey AW1, Mather HA, Gibbons JF, Thompson H, Taylor DJ, Coia JE. (2014) 'Serovars, bacteriophage types and antimicrobial sensitivities associated with salmonellosis in dogs in the UK (1954-2012)'. *The Veterinary Record*.


**Professor Stephen Gordon**


Bourke J, Brereton CF, Gordon SV, Lavelle EC, Scanlan EM (2014) 'The synthesis and


Dr Eamonn Gormley


Dr Alison J Hanlon


Dr Jane Irwin


Liu, L; Tharmalingam, T; Maischberger, E; Miranda-CasoLuengo, R; Meijer, WG; Rudd, PM; Irwin, JA (2013) 'A HPLC-based glycoanalytical protocol allows the use of natural O-glycans derived from glycoproteins as substrates for glycosidase discovery from microbial culture'. Glycoconjugate journal, 30 (8):791-800.

Dr Hanne Jahns


Dr Lisa Katz


Ms Clodagh Kearney

Kearney CM, Buckley CT, Jenner F, Moissonnier P, Brama PA. (2013) 'Elasticity and

**Dr Finola Leonard**


**Dr Ingrid Lorenz**

Conneely, M; Berry, DP; Sayers, R; Murphy, JP; Doherty, ML; Lorenz, I; Kennedy, E (2014) 'Does iodine supplementation of the prepartum dairy cow diet affect serum immunoglobulin G concentration, iodine, and health status of the calf?'. *Journal of Dairy Science*.


Conneely, M; Berry, DP; Murphy, JP; Lorenz, I; Doherty, ML; Kennedy, E (2014) 'Effects of milk feeding volume and frequency on body weight and health of dairy heifer calves'. *Livestock Science*.


**Dr Bryan Markey**


Gibbons JF, Boland F, Buckley JF, Butler F, Egan J, Fanning S, Markey BK, Leonard FC. (2014) 'Patterns of antimicrobial resistance in pathogenic Escherichia coli isolates from cases of calf enteritis during the spring-calving season'. *Veterinary Microbiology*.


**Mrs Hester McAllister**


**Professor Carmel Mooney**


**Professor Simon John More**


Cullinane, M., O'Sullivan, E., Collins, D.M., Byrne, A.W., More, S.J. (2014) 'Horse impoundments under Control of Horses legislation in the Munster region of Ireland: factors affecting euthanasia'. *Veterinary Record*.


Aznar, I., Frankena, K., More, S.J., Whelan, C., Martin, W., Gormley, E., Corner,


**Professor Grace V T Mulcahy**


**Dr Peter O'Brien**


M Domingos, AM Davies, PJ O'Brien (2014) 'Application of High-Content Analysis in Clinical Cytology for Translational Safety Biomarkers of Drug-Induced Toxicity for Lymphoma Chemotherapy'. *Basic and Clinical Pharmacology and Toxicology*.


S Papakonstantinou, PJ O'Brien (2014) 'High Content Imaging for the Morphometric Diagnosis and Immunophenotypic Prognosis of Canine Lymphomas'. *Cytometry Part B: Clinical Cytometry*.


**Ms Antonella Puggioni**


**Dr Colm Reid**


Maischberger, E; Cummins, CA; Fitzpatrick, E; Gallagher, ME; Worrall, S; Rousseau, K; Thornton, DJ; Meijer, WG; Miranda-CasoLuengo, R; Duggan, VE; Carrington, SD; Irwin, JA; Reid, CJ (2013) "The expression of mucin genes and the presence of mucin gene products in the equine endometrium". *Research in Veterinary Science*, 95 (1):169-175.

**Dr Marion Ryan**


Dr Mary Sekiya

Professor Torres Sweeney


Dr Paul Whyte


Dr Annetta Zintl


**Other Journals**

**Professor Michael Doherty**


**Professor Simon John More**

EFSA Scientific Committee (2014) 'Scientific opinion on the safety assessment of carvone, considering all sources of exposure' *EFSA Journal*, 12 (7).


EFSA Scientific Committee (2014) 'Scientific opinion on Qualified Presumption of Safety (QPS) approach for botanicals' *EFSA Journal*, 12 (3).


EFSA Panel on Animal Health and Welfare (AHAW), European Centre for Disease Prevention and Control, European Medicines Agency (2013) 'Scientific opinion on the possible risks posed by the influenza A (H3N2v) virus for animal health and its potential

**Ms Antonella Puggioni**


**Dr Paul Whyte**


Conference Publications

**Dr Marijke Eileen Beltman**


**Professor David Brayden**


McCartney, F., Rosa, M., Coulter, I.C. & Brayden, D. J. (2013) A sucrose ester is a novel permeation enhancer using isolated rat intestinal mucosa mounted in Ussing chambers *AAPS*, Abstract AM-13-

**Dr Andrew Byrne**

Byrne, AW; Kenny, K; Fogarty, U; O'Keeffe, J; More, S; McGrath, G; Martin, W; Dohoo, I; (2014) Spatio-temporal trends in tuberculosis prevalence in the European badger (Meles meles) in the Republic of Ireland . In: Parkin, T; Mintiens, K; eds. *Society for Veterinary Epidemiology and Preventive Medicine - Proceedings*, →

**Ms Tracy Clegg**

Professor Mark Crowe


Dr Alison J Hanlon


Dr Lisa Katz

Katz LM, BM McGivney, R Fonseca, EW Hill (2014) Candidate gene SNP associations with fat-free mass (FFM) measurements in horses in training 9th International Conference on Equine Exercise Physiology,

McGivney BM, C Herdan, K Gough, LM Katz, EW Hill (2014) Effect of training on PPARGC1A and FNDC5 gene expression in Thoroughbred horses 9th International Conference on Equine Exercise Physiology,

Herdan C, BM McGivney, K Gough, EW Hill, LM Katz (2014) A single nucleotide polymorphism (BIEC2-808543) on ECA3 is associated with recurrent laryngeal neuropathy independent of height in Thoroughbred horses 9th International Conference on Equine Exercise Physiology,


on Equine Exercise Physiology,

**Dr Ingrid Lorenz**

Trefz, FM; Constable, PD; Lorenz, I (2014) Clinical utility of anion gap and strong ion gap in neonatal calves with diarrhea and severe acidemia XXVIII. *World Buiatrics Congress*,

Lorenz, I; O'Flaherty, J (2014) CalfCare: a programme to improve calf health and survival in Ireland XXVIII. *World Buiatrics Congress*,

Trefz, FM; Lorch, A; Zitzl, J; Kutschke, A; Knubben-Schweizer, G; Lorenz, I (2014) Dynamics of the plasma potassium concentration in calves with neonatal diarrhea during the course of therapy with a clinical protocol using hypertonic (8.4%) sodium bicarbonate solutions XXVIII. *World Buiatrics Congress*,

Trefz, FM; Constable, PD; Sauter-Louis, C; Lorch, A; Knubben-Schweizer, G; Lorenz, I (2014) Investigation on clinicopathological associations of hyperkalaemia in calves with neonatal diarrhoea ANEMBE Congress, IX. ECBHM Symposium,

**Professor Simon John More**


More, S.J. (2013) Can we have a fresh look at emerging animal diseases? 7th Annual Meeting of Epizone, Brussels, Belgium,

Georgiev, M., More, S.J. (2013) An understanding of epidemiological determinants is at the core of an effective risk assessment of Q fever 7th Annual Meeting of Epizone, Brussels, Belgium,


**Professor Grace V T Mulcahy**


**Dr Emma O'Neill**

O'Neill Emma (2014) Applying the flipped classroom approach to the teaching of

Published Reports

**Mr Daniel Collins**


**Professor Simon John More**


Other Publications

**Professor Michael Doherty**


**Dr Vivienne Duggan**