

Curriculum Vitae

Personal information **Gavin Ryan**

Work experience

1. Employer: Health Products Regulatory Authority
 - Start date: 11/2007
 - End date: Current
 - Position: Pre-Clinical Assessor
 - Activities: Assessment of the safety, residue, pre-clinical and clinical aspects of veterinary medicine applications.
 - Country: Ireland
2. Employer: University College Dublin
 - Start date: 09/2006
 - End date: 08/2007
 - Position: College lecturer
 - Activities: Lectured in pharmacology and toxicology. Involved in research investigating renal and gastrointestinal related pharmacology and toxicology.
 - Country: Ireland
3. Employer: University College Dublin
 - Start date: 01/2003
 - End date: 08/2006
 - Position: Post-doctoral fellow
 - Activities: Scientific research into mechanisms of toxicity, developed and tested in vitro models for toxicity testing.
 - Country: Ireland

Education and training

1. Subject: University College Dublin
 - Start date: 09/1998
 - End date: 12/2002
 - Qualification: PhD
 - Organisation: Developed in vitro models for investigating immune mediated mechanisms of action in the kidney.
 - Country: Ireland
2. Subject: University College Dublin
 - Start date: 09/1994
 - End date: 06/1998
 - Qualification: BSc (Honours)
 - Organisation: Pharmacology
 - Country: Ireland

Additional information

Publications

Martin_Martin, N., Ryan, G., McMorro, T., Ryan, M.P., Sirolimus and cyclosporine A alter barrier function in renal proximal tubular cells through stimulation of ERK1/2 signaling and claudin_1 expression. *Am J Physiol Renal Physiol.* 2010 Mar;298(3):F672_82. Ryan, G.E., Cunningham, K., Ryan, M.P., Part XI., Pharmacology and Epidemiological impact of Azaspiracids. Seafood and freshwater toxins. Pharmacology, Physiology and Detection. Taylor & Francis. Second edition, ch. 34. Feldman, G., Kiely, B., Martin, N., Ryan, G., McMorro, T., Ryan, M.P., Role for TGF_alpha in cyclosporine_induced modulation of renal epithelial barrier function, *J. Am. Soc. Nephrol.*, 18(6): 1662_71, 2007. Hess, P. et al., Isolation and purification of AZAs from naturally contaminated materials, and evaluation of their toxicological effects (ASTOX), Marine Environment & Health Series, 28, 2007. ISSN 1649 0053. Ryan, G.E., Cunningham, K., Ryan, M.P., Development of a functional in vitro bioassay for the marine biotoxin azaspiracid (AZA) using human colonic epithelial cells, *ALTEX*, 24(3): 221_222, 2007. Food Safety Authority of Ireland. Risk assessment of azaspiracids (AZAs) in shellfish: A report of the Scientific Committee of the FSAI, Dublin, 2006. Ryan, G.E., Abbot, S.E., Pfaller, W., Ryan, M.P., Comparison of TNF_alpha and IL_1 beta mediated IL_6 production in a novel human renal co_culture perfusion system. *Br. J. Pharmacol. Proc. Suppl.* 134, 2001. Ryan, G.E., Ryan, M.P., Comparison of TNF_alpha mediated IL_6 production in mesangial, proximal tubular and microvascular endothelial cells in mono_ and co_culture perfusion systems. *J. Am. Soc. Nephrol.* 12: 662A, 2001.

Projects

Memberships

Member of CVMP Safety Working Party (SWP-V), January 2008 - present.

Alternate member (Ireland) of European Sales and Use of Antimicrobials for veterinary medicine (ESUAvet) Working Group, 2023 - present.

Alternate member (Ireland) of European Surveillance of Veterinary Antimicrobial Consumption (ESVAC) project, EMA, 2010 - 2022.

Other Relevant Information