

Curriculum Vitae

Lachlan James Pearson

Education:

Bachelor of Science with Honours, Microbiology and Immunology, University of Otago, New Zealand (1996).

Bachelor of Veterinary Science, Massey University, New Zealand (2013).

Doctor of Philosophy, Medicine, Christchurch School of Medicine, University of Otago, New Zealand (2009).

Career History:

06/2015-current.

Visiting Researcher Chulalongkorn University, Thailand. Awarded Postdoctoral Fellowship October 2015.

03/2014-03/2015.

Veterinary Surgeon. Mixed Animal Practice. Launceston Veterinary Clinic and Gambier Vets. Australia.

10/2012-01/2014.

Clinical Examinations Massey University for Doctorate of Veterinary Medicine.

05/2011-10/2012

Senior Dairy Farm Assistant. Waikato. New Zealand.

05/2009-03/2011

Post Doctoral Fellowship, DairyNZ, New Zealand.

2005-2009.

PhD Christchurch School of Medicine, University of Otago, New Zealand.

2004-2005.

Farm Worker

2002-2003.

Research Fellow, Department of Pharmacology and Toxicology, University of Otago, New Zealand.

Conference Papers/Abstracts/Presentations:

McDougall S, Pearson L, Perry M, and C Compton. Effect of *Theileria orientalis* ikeda on reproductive performance of a dairy herd. World Buiatrics Congress Cairns Australia July 2014 and NZVA June 2014

Pearson, L.J, Williamson, J.H, Turner S-A, Lacy-Hulbert S.J, and JE Hillerton. Relationship between milk yield and *Streptococcus uberis* infection pericalving in heifers and effect on milk yield in later lactation. December 2010. (Presented at Bovine Practitioners conference America).

Pearson LJ, Williamson JH, Wedlock N, Turner S-A, Lacy-Hulbert J. Cows with differing susceptibilities to *S. Uberis* mastitis: teat dip, teat canal inoculation, and

intramammary inoculation challenge responses. November 2010. (a report for the DairyNZ steering committee) (Results presented at American Bovine Practitioners Conference September 2011).

Pearson, L.J., 2010. Calving Mastitis – What role is my cow playing? New Zealand Large Herds Conference 2010, Invercargill, New Zealand.

Lachlan J Pearson , Timothy G Yandle , M Gary Nichols, John J Evans
Sex steroids and vasoactive factors in endothelial cells
Health Research Society of Canterbury. 14 June 2006, Christchurch
New Zealand Medical Journal 119 (1237) 2006

LJ Pearson, MG Nicholls, TG Yandle, JJ Evans
Regulation of endothelin-1 in human endothelial cells by the sex steroids and angiotensin-II. *Endocrine Journal* (2007) Abstr 027

Lachlan Pearson, Tim Yandle, Gary Nicholls, John Evans
Adrenomedullin-2 is a novel vasoactive factor expressed in human endothelial cells
Endocrine Journal (2007) vol 54 supplement: NZ21.

Pearson, L.J., Rait, C., Wright, K., Yandle, T.G. and Evans, J.J., Influence of sex hormones and angiotensin II on secretion of adrenomedullin from individual human endothelial cells, *Medical Sciences Congress 2004*, Queenstown, New Zealand, November 30-December 3, 2004 (oral). *Endocrine Journal* 53: 144.

Peer-Reviewed Publications:

Pearson LJ, Williamson J, Lacy-Hulbert J, Hillerton JE 2013. Peripartum infection with *Streptococcus uberis* but not coagulase negative staphylococci reduced milk production in primiparous cows. *Journal of Dairy Science*. **96**(1):158-64.

Pearson LJ, Yandle TG, Nicholls MG, and Evans JJ 2009. Intermedin (adrenomedullin-2): a potential role in cell protection in human aortic endothelial cells. *Cell Physiology and Biochemistry*.; **23**: 97-108.

Pearson LJ, Nicholls MG, Yandle TG and Evans JJ 2008. Regulation of endothelin-1 release from human endothelial cells by sex steroids and angiotensin-II. *Peptides* **29** 1057-61.

Pearson LJ, Rait C, Nicholls MG, Yandle TG and Evans JJ 2006. Regulation of adrenomedullin release from human endothelial cells by sex steroids and angiotensin-II. *J Endocrinol*. **191** 171-177.

Clarkson AN, Liu H, Pearson L, Kapoor M, Harrison JC, Sammut IA, Jackson DM and Appleton I. 2004. Neuroprotective effects of spermine following hypoxic-ischemic-induced brain damage: a mechanistic study. *FASEB J*. **18**, 1114-1116.

Simmonds RS, Pearson L, Kennedy RC and Tagg JR. 1996. Mode of action of a lysostaphin-like bacteriolytic agent produced by *Streptococcus zooepidemicus* 4881. *Appl Environ Microbiol.* **62**, 4536-4541.

Other Publications:

Pearson, L.J., Twin-heifer study gives hope. June 2010. *New Zealand Dairy Exporter*. pp 70-71.

Pearson LJ, Webster J, Woodward S, and Verkerk G. Off-pasture dairy management systems in New Zealand and Cow Welfare. A review for Ministry of Primary Industries submitted January 2011.

Awards:

Communication Contest for Young Animal Scientists Invercargill 2010.

Awarded New Zealand Heart Foundation Research Scholarship 2007.