

New Zealand Association of Ruminant Nutritionists

Agenda for members meeting 7-8 May 2025

Farmlands Support Office
535 Wairakei Road, Burnside, Christchurch

Day 1 - Wednesday 7th May

From 9	Coffee and networking	
9.30	Welcome	Alun Faulkner
9.35	Understanding and Managing Insulin Resistance in Dairy Cows for Optimal Health and Performance	Pietro Celi
10.30	Cow -calf contact	Racheal Bryant
11.30	15 minute comfort break	
11.45	Co-operative difference, emissions and efficiency	Louise Cook
12.45	Lunch	
1.45	Oxidative Stress in Dairy Cows: Unravelling Its Impact and Nutritional Strategies for Resilience	Pietro Celi
2.45	Grazing management and human health	Pablo Gregorini
3.45	Afternoon tea	
4.15	AGM	
5	Meeting close	Alun Faulkner

Group Dinner in Christchurch – location TBC (at own cost)

Day 2- Thursday 8th May

Lincoln University Visit - Details TBC. Finished up by 12pm

Bios of speakers

Pietro Celi (DVM, PhD)

Pietro Celi graduated in Veterinary Medicine at the University of Bari (Italy), moved to Perth, Western Australia, to complete a PhD in Animal Science (University of Western Australia). In 2000 he took a lectureship position in Animal Physiology at the University of Basilicata (Potenza, Italy) and in 2005 he joined the University of Sydney as Senior Lecturer in Ruminant Health and Production. In 2015 he transitioned into the private sector taking on Technical and Commercial roles with dsm-firmenich (Global Science Lead Eubiotics and Manager Performance Solutions, Oceania) and Adisseo (Regional Category Manager Ruminants and Palatability and ANZ and Pacific Islands Territory Manager). He is currently the APAC Ruminant Technical Manager for ADM and honorary Senior Fellow at the University of Melbourne (Australia). He has been invited speaker to over 50 national and International Conferences, workshops, and seminars, including key international events relevant to industry and academia. Dr Celi has been involved in studies into animal physiology, nutrition and reproduction for over 25 years and during this time he has worked on a variety of livestock species. Dr Celi has published 150 peer reviewed journal papers, 4 book chapters and over 160 conference papers related to animal nutrition and health (full list of papers can be found at https://www.researchgate.net/profile/Pietro_Celi and <https://scholar.google.com/citations?user=pptcOxYAAAAJ&hl=en>). He is Editorial Board member for Journal of Dairy Research.

Rachael Bryant (BAppSc(Hons), PhD)

Rachael is an Associate Professor at Lincoln University. Rachael's research focuses on dairy production systems and nutritional strategies for reducing the impact of dairying on the environment. Her research topics include nutritional management of lactating dairy cows and young stock, grazing behaviour, pasture agronomy including the impact of technologies such as endophytes, N fertilisers and gibberellic acid. Much of Rachael's research involves finding commercial tools to solve practical problems. To do this, she works closely with farmers and industry professionals through organisations such as the South Island Dairy Event, South Island Dairying Development Centre farm focus days, and DairyNZ farm discussion groups. Rachael's research demonstrates how commercial technology can be adopted and modified to measure outcomes and improve analysis and explanation of science outcomes.

Pablo Gregorini (pHD, MSc, SAP, BAgSc)

Pablo is the Professor of Livestock Production & Agricultural Systems at Lincoln University, as well as the director of the Lincoln University Pastoral Livestock Production Lab' and Head of the Lincoln University Centre of Excellence for Designing Future Productive Landscapes. Internationally, Pablo chairs the International Scientific Committee for the Nutrition of Herbivores, and serves in the International Scientific Committee for farm systems design. Recently, Pablo joined the International Scientific Board of ALEPH (Interdisciplinary consortium of scientist working on 'the role of Animal Foods in Healthy, Sustainable and Ethical Diets), and has been induced by invitation to NITRO-Oceania, Network of Interdisciplinary Research Organizations-Oceania.

Louise Cook

Louise Cook works in Fonterra's On-Farm Excellence Environment team looking at the tools, data and services Fonterra can offer to farmers to support the profitable productive achievement of emissions intensity reduction. Louise has 18 years in the New Zealand dairy industry; 4 years with DairyNZ in an extension role and 14 years of large-scale Corporate business management and farm oversight for some of our largest (Landcorp/Pamu) and most visible (Owl Farm/ Southern Dairy Hub) farms. Louise is really passionate about supporting farmers and helping navigate the new regulatory environment we find ourselves in, focusing on practical, profitable efficiency gains that also meet environmental outcomes along with supporting the people needs in farm businesses. With a lot of time on the ground in gumboots, Louise has a wealth of experience in understanding what farmers are actually tasked with doing. As a self-confessed "spreadsheet-geek" Louise loves data and modelling the outcome of new regulations for farms for fun.