



# New Zealand Association of Ruminant Nutritionists

## Agenda for members meeting 24-25th September 2024

Sudima Christchurch Airport, Canterbury

*Theme: "Efficiency in farm systems"*

### Day 1 – Tuesday 24<sup>th</sup> September

9.30am	<i>Coffee and networking</i>	<i>All</i>
10am	New Zealand Hoof-Health Advisory Group	Matias Cassineri
10.10am	Feed as an anthelmintic? How good nutrition protects stock from worm challenge.	Ginny Dodunski
11.10am	Role for pre and pro biotic products	Ian Lean
12am	<i>Lunch</i>	<i>All</i>
12.45pm	An update on nutrition and dairy cow reproduction	Ian Lean
1.35pm	Human food waste for animals	Paul Sharp
2.25pm	<i>Afternoon tea</i>	<i>All</i>
2.45pm	Life Cycle assessment – the importance of feed in the footprint of ruminants	Andre Mazzetto
3.35pm	Options for abatement of enteric methane emissions from ruminants	David Pacheco
4.25pm	<i>Farm Overview</i>	<i>Host - TBC</i>
	<i>Wrap up and close</i>	<i>All</i>

6pm - Group Dinner at Loan Star Spit Fire 544 Memorial Ave Christchurch, Dinner at your own expense

### Day 2 – Wednesday 25<sup>th</sup> September

Farm Visit

Where: TBC

When: 9am-noon

Who: (Farmer and Host)

How: Please organise your own transport, if you do need a ride, please contact Natalie Hughes



## Speaker Bios

### **Ginny Dodunski BVSc MACVSc(Med. Sheep)**

Ginny is a veterinarian by training, who in 2022 left 20+ years in rural practice to focus on helping New Zealand sheep & beef farmers with some of their biggest challenges. She now spends half of each week managing the Wormwise programme for Beef + Lamb NZ and the rest of the week doing private consultancy work. Her interests centre around farm systems, breeding ewe management, practical parasitology, deer and dairy sheep.

### **Ian Lean**

Ian's general interests are in improving the profitability of ruminant production. He is Managing Director of Scibus, a company that conducts research and consults to dairy and beef producers, within and outside of Australia and an adjunct Professor at the University of Sydney. He is a Past President of the Cattle Vets, Cattle Chapter of the Australian College and a recipient of the Gilruth Medal, the Australian Dairy Science Award and the prestigious American Feed Industry Association Award for excellence in published research. Ian has extensively published on the interactions of nutrition with production, reproduction and health and has been a key researcher in developing the use of meta-analysis in veterinary and animal science. Since 1990, Ian has also been active in discussing the implications of increasing population on food availability and the roles of technology and activism in addressing these. He has a deep knowledge of factors influencing farm profit from a biological and economic perspective and has presented nationally and internationally on these. He likes cows and people.

### **David Pacheco**

David Pacheco is Principal Science Advisor with the New Zealand Greenhouse Gas Research Centre (NZAGRC), with a focus on the international research programme. Before joining NZAGRC, David has been active in research, both as a practising scientist and in science leadership and administration. His immediate past role, at AgResearch, was a Principal Scientist in Animal Nutrition & Physiology and also the Science Objective Champion for Climate Change Adaptation & Mitigation.

He completed a PhD in Animal Science from Massey University following an undergraduate BVSc degree from Mexico. After his PhD, he was a post-doctoral fellow at Agriculture and Agri-Food Canada for two years. His doctoral and post-doctoral research involved studies to assess the efficiency of utilisation of amino acids in lactating dairy cows. After returning to New Zealand in 2003 to take on a scientist position with AgResearch, his research focused on different aspects of protein metabolism in pasture-fed ruminants, leading to the development of approaches to quantify aspects of nitrogen partitioning in grazing ruminants. For the last decade, his research focused on understanding the dietary and digestive factors influencing methane production in the rumen. Among many projects, he led research aimed at reducing greenhouse gas emissions in pastoral livestock systems using nutritional approaches, as well as quantifying and predicting methane emissions from ruminants. His research has been published in numerous scientific journals articles, conference presentations and client reports.

### **Andre Mazzetto**



Andre is a biologist by training, with a strong background in Agronomy and trained for looking at research topics from an interdisciplinary point of view.

Currently, he works on applying Attributional and Consequential Life Cycle Assessment (LCA) to livestock production. His main interest is food production and the impact and consequences of different strategies using a "birds-eye view", not only considering the environmental aspect but also the impacts on economic and social areas.