



Global Research Alliance, Livestock Research Group

Network on Feed and Nutrition in Relation to Greenhouse Gas Emissions (FNN) and Rumen Microbial Genomics (RMG) Network

Joint Annual Meeting, August 4, 2019

9:00 to 17:30 h

Meeting venue: GGAA 2019 meeting at HOTEL GOLDEN PARK
INTERNACIONAL FOZ - CONVENTION AND EVENTS CENTER, Iguassu
Falls, Brazil

Room: Parallel Room #2

FNN and RMG are international networks part of GRA's Livestock Research Group. FNN is focused on ruminant feed and nutrition issues in relation to greenhouse gasses. RMG is a forum for researchers using genomics approaches to understand enteric methane emissions and how they might be reduced without compromising animal health or productivity:

<https://globalresearchalliance.org/research/livestock/networks>

FNN Coordinator/Chair: Alex Hristov, The Pennsylvania State University, USA

Co-Chairs: Jan Dijkstra and Andre Bannink, Wageningen University, The Netherlands

RMG Coordinator/Chair: Dr Sharon Huws, Queen's University Belfast, UK

MEETING AGENDA (talks include time for questions/discussion)

Time, h	Topic	Presenter/Contact
9:00-9:15	Welcome and introductions	Alex Hristov
9:15-15:30	GLOBAL NETWORK project update	GN project members
9:15-9:45	1. Treatment means database for methane mitigation	Claudia Arndt
9:45-10:15	2. Dairy individual animal database analysis	Andre Bannink
10:15-10:30	Coffee break	
10:30-11:00	3. Beef individual animal database analysis	Henk van Lingen (via Skype)
11:00-11:45	4. In vivo techniques for measuring methane production and introduction of the SmartCow project	Chris Reynolds (via Skype)
11:45-12:30	5. In vitro techniques for assessing methane mitigating potential and development of a small ruminants methane database	David Yañez-Ruiz
12:30-14:00	Lunch break (lunch not provided)	
14:00-14:30	6. Uncertainties in methane measurements and predictions and review of nitrogen techniques	Alex Hristov
14:30-15:30	7. GN project activities at INRA, France	Maguy Eugene
15:30-15:45	Coffee break	
15:45-16:30	CEDERS project update	Andre Bannink
16:30-17:30	RMG network update and development of a global flagship program on culturomics	Sharon Huws & Paul Smith
17:30	Meeting adjourned	