**The Rumen Microbial Genomics Network**

This network was initially funded by the New Zealand government in 2011 and in the past 2 years has been coordinated by Dr Sharon Huws (IBERS, Aberystwyth University). The RMG Network is a global collaborative network of researchers with a common set of principles and guidelines in rumen microbial genomics to underpin the development of CH4 mitigation and rumen adaptation technologies. Linked to the network are the rumen census and Hungate 1000 projects (**http://www.rmgnetwork.org.nz/home.html**). The network has key goals:

* Enhanced communication and collaboration between research groups
* Improved ability to attract funding with international, integrated studies
* Streamline future rumen microbial genomics research i.e. prevention of duplication
* Raising of public awareness of present and future research activities
* Accelerated access to protocols, cultures, primer sets, sequence information, analysis tools etc. and facilitate the sharing of knowledge and technologies
* Training - exchange of students, technicians, staff, particularly with developing countries
* Improved scientific robustness of current research, enhanced stature and credibility of rumen microbiology research
* Provide a worldwide perspective of rumen microbial genomics

**The network will hold a workshop open to all on the 20th June, 2016 as part of the INRA-Rowett gut microbiology conference. The aims of this workshop are to update on developments in the field, to provide network opportunities, particularly for early career scientists and also to input ideas on how the network can be improved.**

**RMG Network workshop 20th June, 2016**

**Programme**

**13:00** Registration

**13:30-13:50:** The Rumen Microbial Genomics Network: Past and Future – Dr Sharon Huws

**13:50-14:10:** Update on the rumen census and Hungate 1000 – Speaker to be confirmed

**14:10-14:30:** Methagene COST Action – Dr David Yáñez-Ruiz

**14:30-14:45:** FACCE-JPI ‘Rumen Stability’ project – Prof Richard Dewhurst

**14:45-15:00:** Pangenome project – Speaker to be confirmed

**15:00-15:15:** Presentation to be confirmed

**15:15-15:30:** Presentation to be confirmed

**15:30-15:45:** Presentation to be confirmed

**15:45-16:00:** Discovery and development of novel antimicrobials from the rumen microbiome – Dr Linda Oyama, IBERS, Aberystwyth University

**16:00 – 16:30:** Coffee/tea break

**16:30 – 17:30:** Break out groups and wrap up.

To be discussed will be the future direction of the RMG Network.

**Registration form**

**Name (to be put on name tag):**

**Affiliation (to be put on name tag):**

**Full Address:**

**E:mail:**

**Please e-mail your registration form to Dr Sharon Huws:** **hnh@aber.ac.uk** **by the 1st May, 2016.**