



## Newsletter June 2024

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# RMG Webinars

## *Rumen Microbes: Back to the roots of culture*

### **Webinar Objectives:**

1. **Traditional vs. Advanced Approaches:** Discover the evolution of rumen microbe culture techniques, from traditional methods to the latest advancements. Learn about recent breakthroughs in the field.
2. **Overcoming Cultivation Challenges:** Gain insights into the obstacles hindering rumen microbe cultivation and explore the resources available to overcome them.

### **Agenda Highlights:**

- In-depth discussions on the state-of-the-art techniques for culturing rumen microbes.
- Expert insights on overcoming common cultivation hurdles.
- Practical tips for wet lab techniques to explore the vast repertoire of the rumen microbiome.

### **Access the Recordings**

Don't miss this opportunity to gain valuable insights and tips from leading experts in the field. Click on the links below to watch the recordings!

2024 Rumen Microbiome Group Webinars  
Rumen Microbiome: Back to the roots of culture

Speakers:

- Samantha Joan Noel**  
Aarhus University  
Cultivating success: Progression of rumen bacteria culture techniques
- Jeyamalar Jayanthan**  
Ghent University  
Isolation of Rumen Methanogens Using Dilution to Extinction Technique
- Timothy John Hackman**  
UC Davis  
Culture techniques for ciliate protozoa from rumen: Recent advances and persistent challenges

Day 1 – 28 May 2024, 5 pm CET, 8 am PST, 11 pm CST, 2 am AEST

2024 Rumen Microbiome Group Webinars  
Rumen Microbiome: Back to the roots of culture

Speakers:

- Yanfen Cheng**  
Nanjing Agricultural University  
Anaerobic fungi and their role in the rumen
- Ros Gilbert**  
Department of Agriculture and Fisheries  
Techniques to study rumen viruses and bacteriophages

Day 2 – 29 May 2024, 9 am CET, 12 am PST, 3 pm CST, 5 pm AEST

**Session 1:** <https://youtu.be/ZdCP10askq4>

**Session 2 :** <https://youtu.be/o-wZnIqbjGA>

## Conferences - symposia - seminars – webinars

### *International Anaerobic Fungi Congress*

# IAFC 2024

International Anaerobic Fungi Congress



The anaerobic fungi network ([Anaerobic Fungi Network](#)) is delighted to announce that this year it will be holding the 2nd IAFC.

This congress is 100% focused on anaerobic fungi, and will be held using an online format during **15-17 October**.

Interested in finding out more? Then please visit: [IAFC 2024 – Anaerobic Fungi Network](#)

Please note that abstract submission deadline is extended : **Submit Your IAFC2024 Abstracts by June 30<sup>th</sup>**: <https://anaerobicfungi.org/conferences/deadline-extended-submit-your-iafc2024-abstracts-by-june-30th/> ).

Attendance at the congress is free for AFN members, and it is free to become an AFN member :) [How to join? – Anaerobic Fungi Network](#)

Please share/disseminate!

*International Gut Microbiota Symposium IGMS 2025 : Clermont-Ferrand, France*



The 14th edition of the symposium presents a unique opportunity to bring together scientists studying the vertebrate gut microbial community, fostering the exchanges and discussions of the latest advances and future perspectives in the field. The topics that will be discussed during the symposium will go far beyond the importance of the gut microbiota for digestion and energy production. Topics will delve into the impact of food, feed and nutrition on microbial community composition and function, the role of microbes in host homeostasis and their integration within the OneHealth paradigm will be discussed. Additionally, novel approaches towards understanding of the mechanisms of microbial action and the effective translation of this understanding into practical applications will also be a focal point of discussion.

## Jobs & Consultancy

### *Caribbean consultancy opportunity*

Please follow the link below for a consultancy opportunity in the Caribbean, related to the carbon footprint of seafood value chain. The project is “Promoting National Blue Economy Priorities Through Marine Spatial Planning in the Caribbean Large Marine Ecosystems”

<https://preview.mailerlite.io/emails/webview/117669/123254997270922881>

### *Canada Research Chair (Tier II) in Microbiomes of Livestock/Large Animals*

This position is an exciting opportunity for an emerging leader in the area of Microbiomes of Livestock/Large Animals to build a research program and contribute to our strategic research initiatives in the area of microbiome in relation to infectious disease, livestock health and production, One Health and/or Comparative Medicine.

The selected applicant will complement an existing critical mass, cutting-edge expertise and unique infrastructure in microbiome research at the University of Calgary, and expand it into agriculture and veterinary medicine, food security and environmental sustainability, specifically in regard to livestock (cattle, sheep/goat, pig, poultry and equine).

The selected applicant is expected to establish an externally funded research program that is transdisciplinary and potentially complementary and collaborative with current strengths in infection biology research at the faculties of Veterinary Medicine, Medicine (CSM), Science and other faculties. The International Microbiome Centre (IMC) at the Cumming School of Medicine (CSM) is an international leader in basic and translational microbiome research, focusing on the human side with state-of-the-art facilities for gnotobiotic mice/microbiota work. The Wild Microbiome & Immunology Centre (WiMIC) was recently established to bridge the entire

spectrum from gnotobiotic, specific-pathogen free to wild mice, and this is located at the UCVM Veterinary Sciences Research Station (VSRS) and led by CSM. The proposed chair would build on the existing critical mass and infrastructure to fill an important gap; the microbiomes of larger animals, including production animals such as cattle, sheep/goats, pig and poultry.

In addition to fostering a thriving training program, the selected candidate will participate in undergraduate, DVM program and graduate level teaching.

[https://careers.ucalgary.ca/jobs/14258138-canada-research-chair-tier-ii-in-microbiomes-of-livestock-slash-large-animals?application\\_cancelled=true](https://careers.ucalgary.ca/jobs/14258138-canada-research-chair-tier-ii-in-microbiomes-of-livestock-slash-large-animals?application_cancelled=true)

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You want to share any kind of information relevant to the community:

- ⇒ a new or on-going project
- ⇒ a recently published paper
- ⇒ an opinion
- ⇒ meeting and events
- ⇒ project call / partnership search
- ⇒ jobs
- ⇒ ...

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[rmg\\_network@groupes.renater.fr](mailto:rmg_network@groupes.renater.fr)