

**INTERNATIONAL SOCIETY OF MICROBIOTA**

**FIRST ISM SYMPOSIUM**

**TARGETING  
ANIMAL MICROBIOTA**

**September 21, 2021**

**PROBIOTICS FEEDING  
& ANIMALS HEALTH**



**VIRTUAL SYMPOSIUM**

# First ISM Symposium on Targeting Animal Microbiota 2021

Probiotics Feeding & Animals Health

September 21, 2021 – Virtual Symposium

The International Society of Microbiota (ISM) organizes the **First ISM Symposium on Targeting Animal Microbiota 2021**, which will be held as a virtual symposium on **September 21, 2021**.

Nowadays, the studies about microbiota are revolutionizing the health medicine in human and in animal. To fit with this extraordinary revolution, our aim is to prepare and initiate new ideas and new products for which the formulation will have a positive impact on animal gut microbiota and by consequence on animal & human health, well-being, performance and productivity.

**The symposium will present four sessions:**

- *Microbiota, Environment & Animal Health: Recent Advances*
- *Microbiota Characterization, Analysis & Metabolomics*
- *Effects of Feed Prebiotics on Animal Microbiota (Broiler chicken, fish, beef, cows, dogs, horses, fish...)*
- *Animal Microbiota 2021 Innovations*

**Strategic questions, which will be discussed:**

- *What are the recent advances in human and animal microbiota?*
- *What is the mechanistic behind microbiota & animal health?*
- *What is the strategic role of animals-built environment microbiome on the microbiota?*
- *Why and how to analyze animal microbiota in 2021*
- *What are the strategies to modulate the quality and diversity of gut and skin microbiota?*
- *How to select and formulate with probiotics and metabolites*
- *What are the limits, side effects and risk of chronic supplementation of pro/pre-biotics?*

**Who should attend?**

Targeting Animal Microbiota 2021 will bring together executives from:

- *Large Animal Nutrition & Production Animal Companies*
- *Academic Institution & Research Institutes*
- *Pharmaceutical Companies*
- *Microbiome Sequencing & Genomics Companies*
- *Feed Additives & Animal Food Manufactures*
- *Regulators*

**Call for Innovation**

The conference will cover innovations in Livestock, Swine, Ruminants, Poultry, Aquaculture Industries, Equine & Companion Animals.

We are pleased to invite all scientists, academics and industrials to present their research in all Microbiota and Animal related fields during the 1<sup>st</sup> Symposium on Targeting Animal Microbiota, which will be held on September 21, 2021.

We hope that you will join us for this dynamic and strategic program.

Dr. Carole Nicco, PhD,  
ISM Scientific Coordinator,  
15 rue de la Paix – 75002 Paris  
Tel: 00 33 01 55 04 77 55  
Email: microbiota(at)microbiota-site.com

# First ISM Symposium on Targeting Animal Microbiota 2021

Recent Advances, Analysis and Strategies

## Agenda

September 21, 2020

8h30 Welcoming of Attendees

### Session 1 – Microbiota, Environment & Animal Health: Recent Advances

- Introduction on the Microbiota and Health
- The Mechanisms
- Animal Health, Well Being & Treating Animal Diseases
- Resistance to Antibiotics & Alternatives – How to reduce antibiotic usage?
- Prebiotic and animal well-being
- Effect of prebiotic on Skin, Nasal and Oral Microbiota
- Strategic Role of Animal Built Environment on the Microbiota

10h20 – 10h50 - Coffee Break

### Session 2 – Animal Microbiota Characterization, Analysis & Metabolomics

- Microbiome Sequencing
- Microbial Genomics
- Next Generation Sequencing Companies
- Standardization
- Computational Approaches
- Big Data and Artificial Intelligence

12h45 – 14h00 - Lunch Break

### Session 3 – Effects of Feed Probiotics on Animals

Broiler chicken, fish, beef, cows, dogs, horses, fish...

We will highlight many strategic questions related to Pro/Pre-Biotic uses, microbiota and Animals:

- Probiotic feeding and immunity response
- Probiotics as antibiotics' substitute in poultry farming
- Quality of meat, eggs, fish and milk after pro/prebiotics supplementation
- What kinds of probiotics we can use?
- What is the impact on human nutrition?
- Can we Modulate the Quality and Diversity of Animal Microbiota?

16h00 – 16h30 - Coffee Break

## Session 4 — Animal Microbiota 2021 Innovations

### Call for Innovation

The conference will cover innovations in Livestock, Swine, Ruminants, Poultry, Aquaculture Industries, Equine & Companion Animals. We are pleased to invite all scientists, academics and industrials to present their research in all Microbiota and Animal related fields during the 1<sup>st</sup> Symposium on Targeting Animal Microbiota, which will be held on September 21, 2021. You can also submit your project for Targeting Animal Microbiota Awards.

*Send your abstract to [microbiota\(at\)microbiota-site.com](mailto:microbiota(at)microbiota-site.com)*

Short oral presentations

#### **18h00 Targeting Animal Microbiota 2021 Panel Discussion**

Regulation & Claims issue,  
Product Development & Formulation  
Next Generation of Pet Food

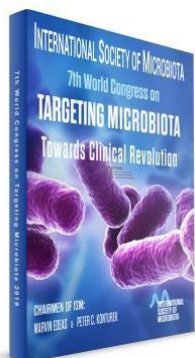
## Registration

To register, please use the online registration form on <http://microbiota-site.com/animal/registration/>

## To whom is addressed this symposium?

This symposium is aimed for academic and industrial researchers as well as all communication and marketing managers who wish to know the latest scientific research and trends in the microbiota and agro-food industry.

## Abstracts Books



The Abstracts Book of Targeting Microbiota 2019 is available for order in PDF Format. The Abstracts Book contains all the Major, Short and Poster presentations presented during the congress.

Order the Abstracts Book



## Contacts

Dr. Carole Nicco, PhD,  
ISM Scientific Coordinator,  
15 rue de la Paix – 75002 Paris  
Tel: 00 33 01 55 04 77 55  
Email: [microbiota\(at\)microbiota-site.com](mailto:microbiota@microbiota-site.com)



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