



# INTERNATIONAL CONFERENCE

2<sup>nd</sup> CONFERENCE of the JOINT INTERNATIONAL RESEARCH UNIT (JIRU)

CHEMICAL & BIOMOLECULAR RESEARCH  
ON THE **MICROBIOME** AND ITS IMPACT  
ON METABOLIC HEALTH AND NUTRITION  
(MicroMeNu)



October  
4-5, 2018

Palace Royal Hotel, Quebec City - Canada

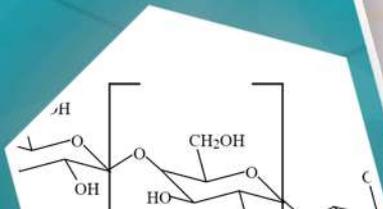
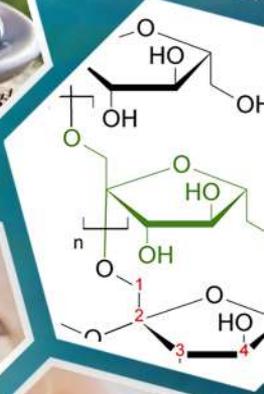
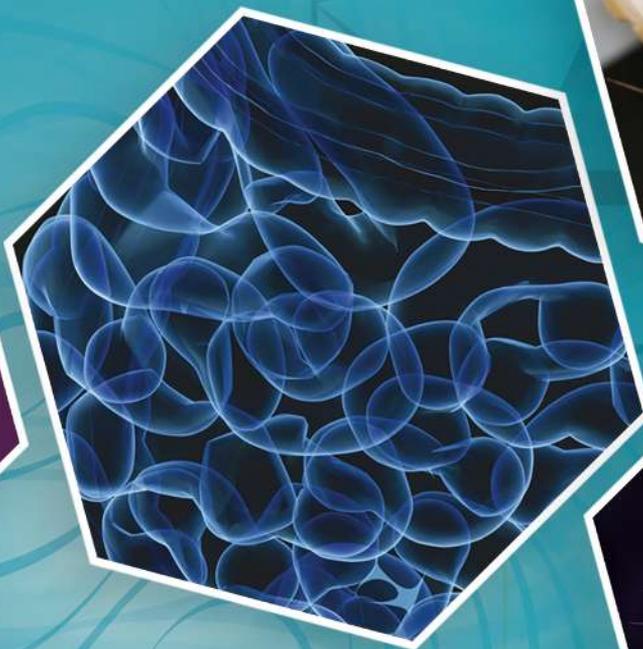
“Chemical and biomolecular microbiome research:  
nutritional applications and impact on metabolic health”

Director of MicroMeNu: Vincenzo Di Marzo  
Canada Excellence Research Chair

“Microbiome-Endocannabinoid Axis in Metabolic Health  
(CERC-MEND)”, Université Laval, Quebec City, Canada  
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## Final program

### Thursday, October 4, 2018

**11:00 Welcome address** Vincenzo Di Marzo (Director of MicroMeNu), Michel J. Tremblay (vice-recteur adjoint à la recherche, à la création et à l'innovation), Jean-Claude Dufour (Dean of FSAA, ULaval), Julien Poitras (Dean of FMED, ULaval), Emanuele Fiore (delegate of the C.N.R. President, Massimo Inguscio)

**11:15-14:00 Session 1: The microbiota-gut-brain triangle** Chairman: Denis Richard (CRIUCPQ, ULaval)

**11:15 The Microbiome Modulates Lifelong Metabolic and Neurologic Health** Laura Cox (Brigham and Woman's Hospital, Boston, USA)

**12:00-13:15** Lunch and visit to the expositors, then continuation of Session 1

**13:15 Gut-brain interactions via the microbiota** Ted Dinan (University College Cork, Ireland)

**14:00-17:30 Session 2: The gut microbiota and metabolic health** Chairman: André Marette (CRIUCPQ, INAF, ULaval)

**14:00 Treating dysbiosis-associated obesity** Karine Clément (INSERM, Paris, France)

**14:45 Metabolic Consequences of Enterobacteria Infections** Matteo Serino (INSERM, Toulouse, France)

**15:30** Coffee break, then continuation of Session 2

**16:00 Role of the gut microbiota in liver diseases: lessons from gnotobiology** Philippe Gérard (INRA, Jouy-en-Josas, France)

**16:45 Akkermansia muciniphila: new trends and new applications** Céline Druart (Université Louvain and A-Mansia Biotech, Belgium)

**17:30-18:00** Q&A and general discussion

### Friday, October 5, 2018

**09:00-11:00 Session 3: New therapies from the gut microbiota** Chairman: Yves Desjardins (INAF, ULaval)

**09:00 Roles for prebiotics and probiotics in managing obesity and metabolic health** Maria Marco (University of California, Davis, USA)

**09:45 The gut as a central organ for obesity-associated metabolic disorders: potential influence of dietary polyphenols in association with intestinal microbiota** Emile Levy (Université de Montréal, Canada)

**10:30-11:00** Coffee break

**11:00-15:30 Session 4: New trends in microbiome research** Chairman: Gian Luigi Russo (CNR, ISA, Avellino, Italy)

**11:00 Modern stressors of the intestinal microbiota** Benoit Chassaing (Georgia State University, Atlanta, USA)

**11:45 Gut microbiome immune potentiating effects in cancer therapies** Meriem Messaoudene (Université de Montréal, Canada)

**12:30** Lunch and visit to the expositors, then continuation of Session 4

**14:00 The Respiratory Tract Microbiome in Health and Disease** Mike Surette (McMaster University, Hamilton, Canada)

**14:45 Your microbiome, my microbiome, our microbiome: how to compare and comprehend** Jacques Corbeil (CHUL, ULaval)

**15:30** Coffee break

**16:00-17:00 Round table and final discussion** Scientific committee and all participants

**17:00** Conference ends

## Conference Scientific committee

### Luigi Ambrosio

Institute of Polymers, Composites and Biomaterials, CNR, Napoli, Italy

### Sebastiano Banni

Dipartimento di Scienze Biomediche, Università di Cagliari, Monserrato (CA), Italy

### Patrice Cani

Louvain Drug Research Institute, Université Catholique de Louvain, Belgium

### Yves Desjardins

Faculté des sciences de l'agriculture et de l'alimentation, Département de phytologie, Université Laval, Québec City, Canada

### Vincenzo Di Marzo

CRIUCPQ and INAF, Université Laval, Québec City, Canada; Istituto di Chimica Biomolecolare, CNR, Pozzuoli (NA), Italy

### André Marette

Quebec Heart and Lung Institute, Faculty of Medicine and Institute for Nutrition and Functional Foods, Université Laval, Québec City, Canada

### Renée Michaud

Institut sur la nutrition et les aliments fonctionnels, Université Laval, Québec City, Canada

### Denis Richard

Quebec Heart and Lung Institute Research Center, Université Laval, Québec City, Canada

### Gian Luigi Russo

Istituto di Scienze dell'Alimentazione, CNR, Avellino, Italy

