INTERNATIONAL CONFERENCE

2nd 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-Endocannabinoidome Axis in Metabolic Health (CERC-MEND)", Université Laval, Quebec City, Canada
vincenzo.dimarzo@criucpq.ulaval.ca, vdimarzo@icb.cnr.it

Further information can be obtained from Thomas Daguenel at thomas.daguenel@criucpq.ulaval.ca

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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 Inguccio)

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  Mario 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 Chassaigne (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 phytophylage, Université Laval, Québec City, Canada

Vincenzo Di Marzo  
CRIUCPQ and INAF, Université Laval, Quebec 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, Quebec City, Canada

Renée Michaud  
Institut sur la nutrition et les aliments fonctionnels, Université Laval, Quebec City, Canada

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

Gian Luigi Russo  
Istituto di Scienze dell’Alimentazione, CNR, Avellino, Italy

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