



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

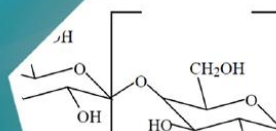
Palace Royal Hotel, Quebec City - Canada

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

Director of MicroMeNu: Vincenzo Di Marzo
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"Microbiome-Endocannabinoid Axis in Metabolic Health
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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 Women'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 Duart (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

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