



La science pour la santé
From science to health

Inserm Workshop 272

Les microbiotes - de l'exploration à l'application thérapeutique
Microbiota - from exploration to therapeutic potential

15-17 Mai 2023 / **May 15-17, 2023** ■ **Bordeaux, France**

Lundi 15 Mai 2023 ■ **Monday May, 15 2023**

14:00 - 14:30	Reception of participants
14:30 - 14:45	Welcome and presentation by the organizers
SESSION I	HUMAN MICROBIOTA – DESCRIPTION AND FUNCTION
14:45 - 15:15	The intestinal microbiota Nathalie ROLHION (Inserm U938, Paris, France)
15:15 - 15:45	The Lung Microbiota Geneviève HERY-ARNAUD (University of Brest, France)
15:45 - 16:15	The vaginal microbiota Jacques RAVEL (University of Maryland School of Medicine, USA)
16:15 - 16:45	Coffee break
16:45 - 17:15	The Human Fungome Mathias LAVIE RICHARD (INRAE, Jouy-en-Josas, France)
17:15 - 17:45	The Human Virome Luisa de SORDI (Sorbonne University, France)
17:45 - 19:30	POSTER SESSION I
19:30	Dinner

Mardi 16 Mai 2023 ■ **Tuesday May, 16 2023**

06:30 - 08:30	Breakfast
SESSION II	MICROBIOTA IN HEALTH AND DISEASES
08:30 - 09:00	Microbiota, immunity and metabolism (fly and mice) François LEULIER (IGFL, Lyon, France)
09:00 - 09:30	Microbiota, inflammation and FMT Nathalie ROLHION (Inserm U938, Paris, France)
09:30 - 10:00	Visceral pain and intestinal dysbiosis Frédéric CARVALHO (Inserm U1107, Clermont-Ferrand, France)
10:00 - 10:30	Coffee break
10:30 - 11:00	Microbiota in the first 1000 days of life Omry KOREN (Bar Ilan University, Israël)
11:00 - 11:30	Microbiota, metabolism and nutrition Laure BINDELS (UC Louvain, Belgium)

11:30 - 12:00	Microbiota regulation by host genetics Emilie VIENNOIS (Inserm U1149, Paris, FRANCE)
12:00 - 14:00	Lunch
SESSION III	TOOLS FOR MICROBIOTA STUDY
14:00 - 14:30	Culture-based studies of microbe-host interactions Thomas CLAVEL (University Hospital RWTH Aachen, Germany)
14:30 - 15:00	<i>In vitro</i> models to study intestinal microbiota Lucie ETIENNE-MESMIN (University of Clermont Auvergne, France)
15:00 - 15:30	Microbiota and innate immune system Martin LARSEN (Sorbonne University, Paris, France)
15:30 - 16:00	Metabolomics : how to explore metabolites associated with the microbiota dysbiosis Florence CASTELLI (CEA, Saclay, France)
16:00 - 16:30	Coffee Break
16:30 - 17:00	Anaerobic culture of the microbiota Vincent THOMAS (Lallemand Health Solutions, Lyon, France)
17:00 - 17:30	Bioinformatic tools for the study of the microbiota and its function in health Mathieu ALMEIDA (INRAE, Jouy-en-Josas, France)
17:30 - 18:00	Statistical methods for horizontal multi-block and vertical multi-group integrations - Applications to the exploration and the integration of multi-omics datasets Sebastien DESJEAN (University of Toulouse, France)
18:00 - 20:00	POSTER SESSION II - COCKTAIL
20:00	Dinner in Town center (<i>Not included</i>)

Mercredi 17 Mai 2023 ■ **Wednesday May, 17 2023**

06:30 - 08:30	Breakfast
07:00 - 08:00	Run in Bordeaux for your Microbiome
SESSION IV	MODULATION OF THE MICROBIOTA IN HEALTH AND DISEASES
09:00 - 09:30	Clinical applications of the microbiota field of research Benoit CHASSAING (Institut Cochin & Inserm U1016, Paris, France)
09:30 - 10:00	Microbiota and xenobiotics Bruno LAMAS (INRAE, Toulouse, France)
10:00 - 10:30	Probiotics : the example of <i>Akkermansia muciniphila</i> Amandine EVERARD (UC Louvain, Belgium)
10:30 - 11:00	Coffee break
11:00 - 11:30	Prebiotics and human health Emilie COMBET (University of Glasgow, United Kingdom)
11:30 - 12:00	Prebiotic, mucus and microbiota interaction Mahesh DESAI (University of Luxembourg, Luxembourg)
12:00 - 14:00	Lunch
14:00	Departure