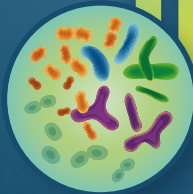


Nutrition Microbiome Metabolism



A science based multidisciplinary Symposium to explore cutting-edge research and nutritional health

PROGRAM

17th Thursday
OCTOBER

PALAZZO BRANCIFORTE
SALA DEI 99

2.00 PM REGISTRATION

2.30 PM WELCOME AND INTRODUCTION
Giulio Superti-Furga, Ph.D

2.45 PM - 4.20 PM CHAIR: Giulio Superti-Furga, Ph.D
Scientific Director at Ri.MED Foundation and Director at CeMM

2.45 PM Overcoming obesity - The discovery of multi receptor drugs
Matthias Tschöp, M.D, Ph.D
Alexander von Humboldt Professor and Chair of the Division of Metabolic Diseases at Technical University of Munich; VP Health Research at Helmholtz Association; CEO at Helmholtz Munich

3.15 PM The Biopsychology of food intake and body weight regulation
Graham David Finlayson, Ph.D
Professor and Chair of Biopsychology at the Faculty of Medicine and Health at University of Leeds

SELECTED PRESENTATION

3.40 PM Interaction between diet, gut microbiota and intestinal mucus function
Björn O. Schröder, Ph.D
Group Leader of Molecular Infection Lab at Umeå University

3.55 PM The microbiota in the gut-liver-brain axis
Maria Rescigno, Ph.D
Full Professor of General Pathology and Deputy Rector at Humanitas University

4.20 PM COFFEE BREAK

4.50 pm - 6.50 PM CHAIR: Maria Rescigno, Ph.D

Full Professor of General Pathology and deputy Rector at Humanitas University

4.50 PM Microbiome-body-brain interactions
Christoph Thaiss, Ph.D
Assistant Professor of Microbiology at Penn Institute for Immunology

5.15 PM Is there a place for omics approaches in the elucidation of nutrients - microbiome - host interactions?
Nathalie Maria Delzenne, Ph.D
Full Professor at Université Catholique de Louvain

SELECTED PRESENTATION

5.40 PM Immunocompetent mid-throughput Gut-on-a-Chip model to study host - microbiota interaction
Ilia Belotserkovsky, Ph.D
Project leader at BIOASTER Technology Research Institute

5.55 PM Host-Microbiota Interaction: a personalized point of view
Benoit Chassaing, Ph.D
Principal Investigator at Institut Pasteur

6.20 PM Microbiota-immune interactions in inflammatory bowel disease
Gabriel Núñez, M.D
"Paul de Kruif" Endowed Professor of Pathology at University of Michigan

7.00 PM

POSTER SESSION & STANDING DINNER

9.00 AM REGISTRATION

9.30 AM - 11.00 AM CHAIR: Massimo Pinzani M.D, Ph.D

*Professor of Medicine at University College London,
Institute for Liver and Digestive Health, Scientific
Director at IRCCS ISMETT*

9.30 AM **Membrane transporters as cellular gates to nutrients**
Giulio Superti-Furga, Ph.D

*Scientific Director at Ri.MED Foundation
and Director at CeMM*

9.55 AM **Diet-assisted engineering of the gut microbiome:
from mechanisms to translation**

Mahesh Desai, Ph.D
*Group leader of the Nutrition Microbiome and Immunity
group at Luxembourg Institute of Health*

SELECTED PRESENTATION

10.20 AM **Maternal diet alters offspring's early life host-
microbiota communication through goblet cells,
resulting in long-lasting diseases susceptibility**

Clara Delaroque
*PhD Student in Microbiome-Host interactions at
Institut Pasteur*

10.35 AM **The gut microbiome determines the
benefits versus detriments of dietary fibres
in health and diseases from gut to brain**

Heather Armstrong, Ph.D
*Assistant Professor at University of Manitoba and at
University of Alberta*

11.00 AM COFFEE BREAK

11.30 AM - 1.00 PM CHAIR: Benoit Chassaing, Ph.D

Principal Investigator at Institut Pasteur

11.30 AM **The gut microbiome on the diet-cardio metabolic
health axis**

Nicola Segata, Ph.D
*Full Professor and Principal Investigator at University of
Trento and at the European Institute of Oncology*

11.55 AM **T cell regulation by postprandial bacterial
metabolites**

Clarissa Campbell, Ph.D
*Principal Investigator of the mucosal immunology group
at CeMM*

SELECTED PRESENTATION

12.20 PM **Glycan-based prebiotic approach to manipulate
the gut microbiota and improve response to
cancer immunotherapy**

Bastien Castagner, Ph.D
Associate Professor at McGill University

12.35 PM **Iron, prebiotics and microbiota in African children**

Raphaëlle Bourdet-Sicard, Ph.D
Director of the Immunity Group at Danone Nutricia Research

1.00 PM LIGHT LUNCH

2.00 pm - 3.10 PM CHAIR: Timothy R. Billiar, M.D

*Executive Vice President and Chief Scientific
Officer at UPMC; Associate Senior Vice Chancellor
for Clinical Academics at University of Pittsburgh;
Member of the Board of Directors at Ri.MED Foundation*

2.00 PM **Dietary fiber, gut microbiota, and
chronic inflammatory diseases**
Andrew Gewirtz, Ph.D

*Regents' Professor and Distinguished
Professor at Georgia State University*

2.30 PM **Microbiome diversity protects
against pathogens by nutrient blocking**
Frances Spragge, Ph.D

Postdoctoral researcher at University of Oxford

SELECTED PRESENTATION

2.55 PM **Microbiome Data for Food Traceability:
Insights from Seafood and Insect-Based
Novel Foods**

Antonia Bruno, Ph.D
*Assistant Professor in Microbiology
at University of Milano-Bicocca*

3.10 PM COFFEE BREAK

3.40 pm - 4.45 PM CHAIR: Maria Rescigno, Ph.D

*Full Professor of General Pathology and
deputy Rector at Humanitas University*

SELECTED PRESENTATION

3.40 PM **Investigation of microbial and nutrient
interactions with gastric epithelial cells**

Georg Busslinger, Ph.D
*Group Leader at Medical University of Vienna
Department of Internal Medicine III, Division of
Gastroenterology & Hepatology,
Adjunct Principal Investigator at CeMM*

3.55 PM **Visions for the Future of Nutrition:
Trends and Challenge**
Hellas Cena, M.D

*Professor and Head of the Clinical
Nutrition Laboratory at University of Pavia;
Head of the Clinical Nutrition and Dietetics
Service, IRCCS Maugeri*

4.20 PM **Bridging the Gap: Building Capacity
for Microbiome Data Integration in
Food and Feed Risk Analysis**
Konstantinos Paraskevopoulos, M.D, Ph.D

*Scientific Project Coordinator at European
Food Security Authority (EFSA)*

4.45 PM CLOSING REMARKS

7.30 PM SOCIAL DINNER

"Sharing culture through food"
with Saghar Setareh



Palazzo Asmundo Via Pietro Novelli, 3 - Palermo