

This third edition of the Round Table focuses on the microbiome as an emerging research area.

Bacteria, viruses, archaea, and eukaryotic microbes dwell on and inside animal and human bodies, where they play a role in health, disease, and development.

They contribute metabolic functions, protect against pathogens, educate the immune system, and through these basic functions, directly or indirectly affect most of our physiologic processes.

Due to recent technological advancements and rapidly accumulating knowledge, this is an exciting time for the study of the microbiome. The critical next stage, already underway, is to investigate further the functions of the microbiome, to understand the mechanisms underlying its activities, and to elucidate the inter-relationships among other living beings and the environment around them.

These are important objectives in order to develop the tremendous biotechnological potential inherent in these systems.



THE INTERPLAY BETWEEN GUT MICROBIOME AND ITS INFLUENCERS

ROUND TABLE - III ED.
ORTO BOTANICO
VIA FORIA, 223
NAPLES, OCTOBER 18, 2019



PROGRAM

13:00: Registration of participants

13:30: Greetings

Gaetano Manfredi - *Rector of University of Naples Federico II*

Gaetano Oliva - *Director of Department of Veterinary Medicine and Animal Production, University of Naples Federico II*

Danilo Ercolini - *Coordinator of Task Force for Microbiome Studies, University of Naples Federico II*

14:00-15:00: Chairman

Luigi Avallone, Alessandro Fioretti

Immacolata De Vivo
Harvard Medical School, Boston, MA, USA

Bioflavonoids and gut microbiome

Alessio Fasano
Harvard Medical School, Boston, MA, USA

Nutrition, intestinal microbiome and health

Eugenio Luigi Iorio
International Observatory of Oxidative Stress, Salerno, Italy

The intestinal Redox TAO. The missing ring between gut microbiome and leaky gut syndrome?

PROGRAM

15:00 Coffee break

15:30-16:30:
Chairman
Francesca Ciani, Luisa De Martino

Lucio Miele
LSU School of Medicine, Department of Genetics, New Orleans, LO, USA

Microbiome in lean and obese cancer models: implications for immunotherapy

Antonio Giordano
Sbarro Institute for Cancer Research and Molecular Medicine, Philadelphia, PA, USA
Temple University, Philadelphia, PA, USA

Environment, lifestyle and gut microbiome

16:30: Discussion

SCIENTIFIC ORGANIZATION

Francesca Ciani
Nataschia Cocchia
Luisa De Martino
Lucianna Maruccio
Simona Tafuri

SECRETARY

Ludovica Carangelo
Santo Coppola
Anna De Filippis
Francesca Paola Nocera
Anastasia Vassetti

Participation at the event is free but, for organizational reasons, registration is required at the following email address: vetroundtable@gmail.com
Participants will receive a certificate of participation.
To obtain the expected 0.4 CFU, students must complete a test at the end of the day.

How to get to Orto Botanico

Exit 3 of the "Doganella" ring road, go ahead Viale Umberto Maddalena in the direction of Piazza Carlo III.