

A congress organized by the Bambino Gesù omics researchers and physicians to reflect upon the microbiota: what it is, and which is the role it plays in children's health and diseases.

On the basis of most recent research, the congress will provide an opportunity for a thorough discussion on the correlation between eating and the human gut microbiota, and, more specifically, on the impact and the potential use of the Mediterranean diet in the health of children and adults. Eating is one of the fundamental factors that modify and affect the gut microbiota.

A varied and integrated diet can significantly modulate and improve also a compromised microbiota, namely the one associated with a full-blown disease

Info
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NUTRIRE LA VITA

Il pasto che educa e cura



MICROBIOTEAT

THE FOOD-HOST-MICROBIOTA
INTERPLAY AND ITS IMPACT
ON CHILDREN HEALTH AND DISEASE

SEPTEMBER 18
9:00 A.M.

AUDITORIUM BAMBINO GESÙ HOSPITAL
SEDE DI SAN PAOLO
VIALE FERDINANDO BALDELLI, 38
ROME

www.nutrirelavita.it



Bambino Gesù
OSPEDALE PEDIATRICO



Official Participant



MILANO 2015
NUTRIRE LA VITA
OSPEDALE PEDIATRICO

STEERING COMMITTEE

Mariella Enoc President
of Bambino Gesù Children Hospital, Rome

Bruno Dallapiccola Scientific Director
of Bambino Gesù Children Hospital, Rome

Massimiliano Raponi Chief Medical Officer
of Bambino Gesù Children Hospital, Rome

SCIENTIFIC COMMITTEE

Lorenza Putignani, Valerio Nobili, Bruno Dallapiccola

SPEAKERS

Lorenza Putignani, Joel Dorè, Georgios Theodoridis, Andrea Urbani, Cesare Furlanello, Jan Knol, Clara Belzer, Valerio Nobili, Stefano Cianfarani, Luca Valenti, Anna Alisi, Debora Rasio, Ruggero Francavilla, Salvatore Cucchiara, Federica Del Chierico, Nadia Panera, Pamela Vernocchi.

PROGRAMME

8.30 - Registration

9.00 - Welcome and opening remarks

SESSION 1

OBJECTIVE: GUT MICROBIOTA

9.30 - A window on gut microbiota role and features during infancy

Lorenza Putignani
Ospedale Pediatrico Bambino Gesù - Italy

10.00 - Functional metagenomics to describe the complex network of gut microorganisms

Joel Dorè - INRA, Paris - France

10.30 - Metabolomics helps in understanding the interaction of gut microbiome and host mammalian metabolism

Georgios Theodoridis, Athene - Greece

11.00 - -Omics e biomarker searching

Andrea Urbani - University Tor Vergata, IRCCS Santa Lucia Foundation, Rome - Italy

11.30 - Coffee Break

12.00 - Mathematical models to study gut microbial communities

Cesare Furlanello
Fondazione Bruno Kessler, Trento - Italy

12.30 - Intestinal microbiology of Early Life: Nutrition & Health

Jan Knol - Danone, Wageningen - Netherlands

13.00 - Interaction between food and bacteria

Clara Belzer - University of Wageningen - Netherlands

13.30 - Lunch

SESSION 2

OBJECTIVE: FOOD AND HEALTH

14.30 - Paediatric metabolic syndrome: how to recognize and treat it?

Valerio Nobili
Ospedale Pediatrico Bambino Gesù - Italy

15.00 - Intrauterine growth and metabolic risk: prevention before birth

Stefano Cianfarani - Università Tor Vergata, Ospedale Pediatrico Bambino Gesù - Italy

15.30 - Genetics and Epigenetics of NAFLD: interaction amongst environment, food and genes

Luca Valenti - Università di Milano - Italy

16.00 - Dissection of hepatic biological response to food-microbiota interactions to prevent and treat NAFLD

Anna Alisi
Ospedale Pediatrico Bambino Gesù - Italy

16.30 - Coffee break

17.00 - Eating well for good health

Debora Rasio
Ospedale Pediatrico Bambino Gesù - Italy

17.30 - Gut microbiota modulation: the role of probiotics

Ruggero Francavilla - Policlinico di Bari - Italy

18.00 - Probiotics and inflammatory bowel diseases

Salvatore Cucchiara
Sapienza Università di Roma - Italy

18.30 - Food-microbiota-health Workshop

Federica Del Chierico,
Pamela Vernocchi, Nadia Panera
Ospedale Pediatrico Bambino Gesù - Italy