Joint UniMIB-UniSR PhD Course on

"The Gut Microbiota Impact on the Immune System: Implications for Autoimmunity and Cancer"

FINAL PROGRAM

23/06/2016 - Day 1 - University of Milano-Bicocca, Building U6, Piazza dell'Ateneo Nuovo 1, Martini Room 4

Morning Session:

9.30-10.20: *Metagenomic analysis of the human microbiome with strain-level resolution*
Nicola Segata (University of Trento, Italia).

10.20-11.10: *Targeting host-microbiota balance to enhance systemic immune regulation and reduce western-diet-related inflammation*
Filippo Canducci (University of Insubria-Varese and San Raffaele Scientific Institute, Milan, Italy).

11.10-11.40: Coffee break

11.40-12.30: *Commensal microbiota and autoimmune disease in the brain*
Hartmut Wekerle (Max-Planck Institute of Neurobiology, Martinsried, Germany).

12.30-13.20: *Targeting the human gut microbiota in type 1 and 2 diabetes*
Guido Bakker (The Netherlands Academic Medical Center, Amsterdam).

13.30-14.30 Lunch Break

Afternoon Session (14.30-16.00)

Round table moderated by UniSR PhD Students:

"What is the best method to study functional metabolic profiling of gut microbiota?"

***24/06/2016 - Day 2* University Vita e Salute San Raffaele, Via Olgettina 58, DIBIT-1, Ground Floor, Room Ippocrate**

Morning session:

9.30-10.20: *Intestinal commensal microbes as immune modulators*
Kenya Honda (Riken Institute, Japan).

10.20-11.10: *The gut-vascular barrier in health and disease*
Ilaria Spadoni, IEO-IFOM, Milan, Italy

11.10-11.40: Coffee break

11.40-12.30: *Pancreatic beta-cells limit autoimmune diabetes: strategic role of gut microbiota*
Julien Diana (Institut Necker-Enfants Malades (INEM), Université Paris Descartes, France).

12.30-13.20: *The fire within: microbes inflame tumors*
Nicola Gagliani (UKE Hamburg, Germany).

13.30-14.30 Lunch Break

Afternoon Session (14.30-16.00):

Round table moderated by UniMIB PhD Students:

"What are the potential therapeutic approaches to target microbiota in autoimmunity and cancer?"