Basic Science Course

Gut microbiota: Relevance, analysis, modulation

July 6-8, 2017
Fondazione Policlinico Universitario “A. Gemelli”, Rome, Italy

Course directors
Antonio Gasbarrini
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Faculty
Alexander Moschen, Innsbruck, Austria

Franco Scaldaferri, Rome, Italy

Harry Sokol, Paris, France

Silvia Turroni, Bologna, Italy
THURSDAY, July 6, 2017

**Introduction**
10:00 – 12:00
**Arrival and registration**
12:00 – 12:45 Lunch break

**Lectures**
12:45 – 13:00 Welcome address from Course Directors
13:00 – 13:45 Gut microbiota in health
   *Antonio Gasbarrini*
13:45 – 14:15 Mouse models of dysbiosis
   *Franco Scaldaferri*
14:15 – 14:45 Tools for the analysis of gut microbiota composition
   *Maurizio Sanguinetti*
14:45 – 15:15 Gut microbiota and GI cancer
   *Silvia Turroni*
15:15 – 16:00 Coffee break
16:00 – 17:30 Abstract presentations
19:30 Joint dinner

FRIDAY, July 7, 2017

**Lectures**
08:30 – 09:00 Therapeutic manipulation of gut microbiota: antibiotics and probiotics
   *Gianluca Ianiro*
09:00 – 09:30 Therapeutic manipulation of gut microbiota: fecal microbiota transplantation
   *Giovanni Cammarota*

9:30 – 17:00
**Parallel sessions: Hands-on training**

  Session A: Metagenomics for the analysis of gut microbiota
  Session B: Statistical analysis of metagenomic data
  Session C: Culturomics
  Session D: Preparation of fecal material for fecal microbiota transplantation

12:30 – 13:30 Lunch break
19:30 Joint dinner
SATURDAY, July 8, 2017

08:30-9:00 Gut microbiota, liver and metabolic disorders
Alexander Moschen
09:00-09:30 Gut microbiota and IBD
Harry Sokol

09:30 – 17:00
Parallel sessions: Hands-on training

Session A: Metagenomics for the analysis of intestinal microbiota
Session B: Statistical analysis of metagenomic data
Session C: Culturomics
Session D: Preparation of fecal material for fecal microbiota transplantation

12:30 – 13:30 Lunch break

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All lectures will be recorded and published at www.ueg.eu/education