

## Symposium 10 | *Microbiome, Metabolome and lifestyles: more to know*

Organizers: M. De Angelis (IT), P. Portincasa (IT)

Day: Friday June 10

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08.30-11.00	<b>Session 10: Microbiome, Metabolome and Lifestyles: More to Know</b>
	Chair: Maria De Angelis (Bari, Italy); Marcello Chieppa (Lecce, Italy)
08.30	<b>Microbiome in celiac children</b> Ruggiero Francavilla (Bari, Italy)
08.50	<b>Gut Microbiota functions in children with ASD: clinical and laboratory medicine approaches</b> Pamela Vernocchi (Rome, Italy)
09.10	<b>Nutrition and lifestyle in the first 1000 days: microbiota and obesity prevention</b> Rachele De Giuseppe (Pavia, Italy)
09.30	<b>Differences in microbiome composition in obese versus non-obese – Insights from a systematic literature review and a federated individual-level analysis of European studies</b> Katharina Nimptsch (Berlin, Germany)
09.50	<b>Microbiota rearrangements in the NAFLD disease: diet and physical activity impact taxa presence and relative abundances</b> Francesco Calabrese (Bari, Italy)
10.10	<b>Mediterranean diet influences the gut microbiota and mycobiota during gestational diabetes mellitus (GDM)</b> Ilario Ferrocino (Turin, Italy)
10.30	<b>Gut microbiome-diet interconnections for a healthy living</b> Francesca De Filippis (Naples, Italy)
10.50-11.00	<b>Discussion</b>
11.00-11.30	<b>Coffee Break</b>
11.30 – 13:30	<b>SHORT PRESENTATIONS (10 min)</b>
11.30	<b>Dietary adjuvants against chronic intestinal inflammation relapse</b> Marcello Chieppa (Lecce, Italy)
11.40	<b>Multi-omics gut microbiome signatures in obese women: role of diet and eating behaviors</b> Monica Barone (Bologna, Italy)
11.50	<b>Targeting immunometabolome with natural compounds</b> Emanuela Salviati (Salerno, Italy)
12:00	<b>The innovative synbiotic NatuREN-G® modulates gut microbiota activity leading an improvement of symptoms in patients with Chronic Kidney Disease</b> Mirco Vacca (Bari, Italy)
12:10	<b>Clinical and metabolomic effects of probiotic treatment in fructose intolerant patients with FGIDs</b> Giuseppe Calano (Bari, Italy)
12:20	<b>Systemic Lipidome dysregulation is a key aspect of COVID-19 severity</b> Eduardo Maria Sommella (Salerno, Italy)
12:30	<b>Effect of a single bout of exercise on PAHSA lipokine levels in the circulation</b> Marko Mitrovic (Prague, Czech Republic)
12:40	<b>Effect of smoking on serum pepsinogen values modified by the presence of <i>Helicobacter pylori</i></b> Danute Razuka-Ebela (Riga, Latvia)
12.50-13:00	<b>Discussion – Take Home Message</b>
13.00-13.30	<b>Lunch</b>