

# EAGEN - EHMSG Postgraduate Course

## "The World of Gut Microbiome - multiple functions in health and disease-"

Thursday, September 13, 2018

Course directors: Limas Kupcinskas, Peter Malfertheiner

### The World of Gut Microbiome :

**Chair: C. Veron, P. Malfertheiner**

08:30	Welcome and Introduction	L. Kupcinskas
08:40 – 09:00	Healthy Mucosal Barrier Function – how does the Gut Microbiome contribute?	C. Veron
09:00 – 09:05	Question & Answer Session	
09:05 – 09:25	Gut Microbiome: What is special in childhood?	J. Skieceviciene
09:25 – 09:30	Question & Answer Session	
09:30 – 09:50	Gut Microbiome: what is special in advanced age?	K. Schütte
09:50 – 09:55	Question & Answer Session	
09:55 – 10:15	Gut Microbiome: do genes predispose gut microbiome?	M. O'Amato
10:15 – 10:20	Question & Answer Session	
10:20 – 10:45	Coffee / Tea Break	

**Chair: A. Gasbarrini, A. Zvirbliene**

10:45 – 11:00	Interaction between Gut Microbiota and Immune System	A. Zvirbliene
11:00 – 11:05	Question & Answer Session	
11:05 – 11:25	Effects of Gut Microbiota on the brain	P. Malfertheiner
11:25 – 11:30	Question & Answer Session	
11:30 – 11:45	Microbiota and Parkinson's disease	G. Ianiro
11:45 – 11:50	Question & Answer Session	
11:50 – 12:05	QUIZ = summary of questions from morning lectures, to be voted on by audience.	

**Case Presentations & State of the Art:**

**Chair: J. Tack, A. Maleckas**

12:05– 12:25	Recent advances in metabolic and bariatric surgery -including case presentation-	L. Lundell
12:25 – 12:40	Case presentation: hepatic encephalopathy and fecal transfer	G. Dargiene
12:40 – 12.45	Question & Answer Session	
12:45 – 13:00	State of Art: Gut Microbiome in Gastrointestinal malignancies	G. Hold
13:00 – 14:00	Lunch	

**Gut Microbiome in Gastrointestinal Diseases:**

**Chair: G. Hold, J. Valantinas**

14:00 – 14:15	Cross talk among microbes in the gut (Quorum sensing)	A. Vitkauskiene
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14:15 – 14:30	Gut Microbiome in Chronic Inflammatory Bowel Disease	NN
14:30 – 14:45	Gut Microbiome in Irritable Bowel Syndrome	J. Tack
14:45 – 15:00	Antibiotic associated diarrhea	F. Megraud
15:00 – 15:15	Question & Answer Session	

### **Gut Microbiome& Metabolic Diseases:**

**Chair: F. Megraud, L. Lundell**

15:15 – 15:30	Gut Microbiome and NASH	D. Stimac
15:30 – 15:45	Gut Microbiome in Diabetes & Obesity	G. Nardone
15:45 – 16:00	Case with metabolic syndrome: optimal management	A. Link
16:00 – 16:15	Question & Answer Session	
16:15 – 16:45	Coffee & Tea Break	

### **Modulation of Gut Microbiome:**

**Chair: L. Kupcinkas, NN**

16:45 – 17:00	Update on Fecal Microbiome Transplantation	J. Kupcinkas
17:00 – 17:15	What is the optimal diet composition for healthy gut microbiome	A. Gasbarrini
17:15 – 17:30	Next Generation Probiotics, Prebiotics & Postbiotics – How close are we?	NN
17:30 – 17:45	Question & Answer Session	
17:45 – 18:00	Take Home Messages & Conclusion of the PGC	P. Malfertheiner