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## WEBINAR SERIES

# 1<sup>st</sup> INTERNATIONAL SCHOOL OF GUT MICROBIOTA IN DIGESTIVE DISEASE

January 30<sup>th</sup> – February 6<sup>th</sup> – February 13<sup>th</sup> – February 20<sup>th</sup> 2024

THE OFFICIAL LANGUAGE OF THE COURSE IS ENGLISH.

SIMULTANEOUS TRANSLATION FROM ENGLISH INTO ITALIAN AND SPANISH WILL BE PROVIDED.

A CERTIFICATE OF ATTENDANCE WILL BE PROVIDED.

The human gut microbiota is composed by trillions of bacteria, viruses and fungi living in symbiosis with the host and playing a central role in human life. The huge knowledge that we have gained in only two decades since the advent of culture independent techniques, has brought gut microbiota in central stage in the field of medical sciences. Gut dysbiosis participates in the pathogenesis of several intestinal and extra-intestinal diseases including inflammatory bowel disease, diverticular disease, celiac disease, and disorders of gut-brain interaction, neuropsychiatric and metabolic disorders. Nonetheless, we are still in the ascending phase of the knowledge curve in this field and many gaps remain in our understanding.

It is time for the clinician to take advantage of the potential of microbiota-related diagnostic tools and gut microbiota-based dietary, natural and pharmacological approaches including prebiotics, probiotics, postbiotics, antibiotics, and fecal microbiota transplantation. The translation of gut microbiota modulation therapies in clinical practice requires an accurate evaluation of their efficacy, risks and long-term effects.

The participants in the 1<sup>st</sup> International School of Gut Microbiota in Digestive Disease will have the opportunity to interact with key opinion leaders that will serve as faculty in this unique event.

## SCIENTIFIC COMMITTEE

Prof. Giovanni Barbara (Italy)

Dr. Giovanni Marasco (Italy)

Dr. Marcello Romeo (Italy)

## FACULTY

Dr. Sari Arponen (Spain) – Prof. Qasim Aziz (UK) – Prof. Giovanni Barbara (Italy) – Dr. Maria Raffaella Barbaro (Italy) – Prof. Premysl Bercik (Canada) – Prof. John Cryan (Ireland) – Prof. Francisco Guarner (Spain) – Prof. Dirk Haller (Germany) – Dr. Giovanni Marasco (Italy) – Dr. Marcello Romeo (Italy) – Prof. Magnus Simren (Sweden)

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WEBINAR SERIES

## FACULTY

### **Dr. Sari Arponen (Spain) - Speaker**

PhD in Biomedic Sciences  
 MD Internal Medicine, Spec. in Infectious Diseases  
 University Hospital La Princesa, Madrid  
 Cofounder of Slow Medicine Institute

### **Prof. Qasim Aziz (UK) – Moderator**

Professor of Neurogastroenterology  
 Queen Mary University of London  
 President of European Society of Neurogastroenterology and Motility (ESNM)  
 Member of the Educational Committee of United European Gastroenterology Federation (UEGF)

### **Prof. Giovanni Barbara (Italy) – Moderator/Speaker**

Full Professor of Internal Medicine  
 MD, Spec. in Gastroenterology  
 Dpt. of Medical and Surgical Sciences  
 Sant'Orsola Malpighi Hospital  
 University of Bologna  
 Past President of ESNM  
 Executive Board Chair of GMFH

### **Dr. Maria Raffaella Barbaro (Italy) – Speaker**

Biologist and researcher  
 PhD in Cellular, Molecular and Industrial Biology – Molecular and Functional Biology  
 Dpt. of Medical and Surgical Sciences  
 Sant'Orsola Malpighi Hospital, University of Bologna

### **Prof. Premysl Bercik (Canada) – Speaker**

Full Professor, Division of Gastroenterology  
 Member of the Farncombe Family Digestive Health Research Institute  
 McMaster University, Canada

### **Prof. John Cryan (Ireland) – Speaker**

Professor and Chair, Dpt. of Anatomy & Neuroscience  
 Principal Investigator in the APC Microbiome Institute  
 University College Cork

### **Prof. Francisco Guarner (Spain) – Speaker**

MD, Spec. in Internal Medicine, Gastroenterology and Hepatology  
 Consultant of Gastroenterology, Digestive System Research Unit  
 Head of the Experimental Laboratory and Member of the Scientific Committee of the Research Institution  
 University Hospital Vall d'Hebron, Barcelona  
 Member of the Board of Directors of the International Scientific Association for Probiotics and Prebiotics  
 Member of the Steering Committee of the International Human Microbiome Consortium

### **Prof. Dirk Haller (Germany) – Speaker**

Full Professor and Chair of Nutrition and Immunology, School of Life Sciences  
 Director of Corporate Research Institute, Food & Health  
 Technical University of Munich, Germany  
 Collaborative Research Center Coordinator, Microbiome Signatures – Functional Relevance in the Digestive Tract  
 German Research Foundation (DFG)

### **Dr. Giovanni Marasco (Italy) - Moderator**

MD, Spec. in Gastroenterology, PhD  
 Researcher of Internal Medicine  
 Dpt. of Medical and Surgical Sciences  
 Sant'Orsola Malpighi Hospital, University of Bologna

### **Dr. Marcello Romeo (Italy) – Speaker**

MD, PhD in Biomedicine and Neuroscience  
 Lecturer for Master's Degree in Human Nutrition  
 University of Pavia

### **Prof. Magnus Simren (Sweden) – Speaker**

Professor of Gastroenterology, University of Gothenburg  
 Consultant, Dpt. of Internal Medicine  
 Sahlgrenska University Hospital Gothenburg

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## SCIENTIFIC PROGRAM

### January 30<sup>th</sup> 2024 from 8.30 to 10.30 pm CET

#### Moderator: Qasim Aziz (UK)

8.30 – 9.10 pm CET	<b>The role of gut microbiota in the pathophysiology of IBS</b> – <i>Giovanni Barbara (Italy)</i>
9.10 – 9.50 pm CET	<b>Diet and gut microbiome interactions in IBS</b> – <i>Magnus Simren (Sweden)</i>
9.50 – 10.20 pm CET	<b>Probiotic modulation in DGBI</b> – <i>Marcello Romeo (Italy)</i>
10.20 – 10.30 pm CET	<b>Concluding questions and remarks</b>

### February 6<sup>th</sup> 2024 from 8.30 to 10.30 pm CET

#### Moderator: Giovanni Barbara (Italy)

8.30 – 9.10 pm CET	<b>Highlights of gut microbiota in 2023</b> – <i>Francisco Guarner (Spain)</i>
9.10 – 9.50 pm CET	<b>Gut microbiota in IBD: evidence and perspectives</b> – <i>Dirk Haller (Germany)</i>
9.50 – 10.20 pm CET	<b>Diet and probiotic modulation in IBD</b> – <i>Sari Arponen (Spain)</i>
10.20 – 10.30 pm CET	<b>Concluding questions and remarks</b>

### February 13<sup>th</sup> 2024 from 8.30 to 10.30 pm CET

#### Moderator: Giovanni Marasco (Italy)

8.30 – 9.10 pm CET	<b>Gut microbiota in diverticular disease</b> – <i>Maria Raffaella Barbaro (Italy)</i>
9.10 – 9.50 pm CET	<b>Gut microbiota in celiac disease and gluten sensitivity</b> – <i>(TBD)</i>
9.50 – 10.20 pm CET	<b>Probiotic modulation in diverticular disease and celiac disease</b> – <i>Sari Arponen (Spain)</i>
10.20 – 10.30 pm CET	<b>Concluding questions and remarks</b>

### February 20<sup>th</sup> 2024 from 8.30 to 10.30 pm CET

#### Moderator: Giovanni Barbara (Italy)

8.30 – 9.10 pm CET	<b>Neurobiological basis of stress-related neuropsychiatric disorders</b> – <i>John Cryan (Ireland)</i>
9.10 – 9.50 pm CET	<b>Microbiota-brain axis in DGBI</b> – <i>Premysl Bercik (Canada)</i>
9.50 – 10.20 pm CET	<b>Diet and probiotic modulation</b> – <i>Marcello Romeo (Italy)</i>
10.20 – 10.30 pm CET	<b>Concluding questions and remarks</b>