GUT MICROBIOTA FOR HEALTH

World Summit 2020

SCIENTIFIC PROGRAM

SATURDAY 7 AND SUNDAY 8 MARCH 2020 — MADRID (SPAIN)

RUI PLAZA ESPAÑA HOTEL

www.gutmicrobiotaforhealth.com

Sponsoring societies

Gut Microbiota & Health — A section of the ESNM European Society of Neurogastroenterology & Motility — Member of UEG

aga American Gastroenterological Association

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THE GUT MICROBIOTA FOR HEALTH SUMMIT

Madrid, March 7-8, 2020

The Gut Microbiome field is moving rapidly and the number of publications increases exponentially impacting basic science research as well as clinical practice in numerous areas. On behalf of the GMFH Scientific Committee, I am happy to welcome you in Madrid for the ninth annual Gut Microbiota for Health World Summit on March 7 & 8, 2020. The summit is sponsored by the European Society for Neurogastroenterology & Motility (ESNM) and the American Gastroenterological Association (AGA), with the endorsement of the American Neurogastroenterology and Motility Society (ANMS). It is an excellent occasion to learn about the new discoveries on the role of the gut microbiome in health and diseases and how they are or will be translated to clinical practice for the benefit of health care professionals and patients.

The 2020 program is particularly exciting with the intervention of outstanding international faculty. We will have plenary sessions and workshops dedicated to various aspects including the dietary and non-dietary factors shaping the Gut Microbiome, the role of the Gut Microbiome in the modulation of the immune system, Microbiome – drug interactions, gut-brain axis, and fecal microbiota transplantation.

This interdisciplinary scientific program targets a large audience from Microbiome scientists to health care professionals including physicians, nurses, dietitians, and nutritionists.

We wish you a very good Summit!

Harry Sokol, MD PhD
Co-Chair of GMFH Scientific Committee

THE FACULTY 2020

ESNM / AGA JOINT SCIENTIFIC COMMITTEE

Giovanni Barbara (Italy)
Joël Doré (France)
Francisco Guarner (Spain)
Dirk Haller (Germany)
Harry Sokol (France)
Hania Szajewska (Poland)
Michael Trauner (Austria)

Gail Hecht (USA)
Purna Kashyap (USA)
Colleen R. Kelly (USA)
Emeran A. Mayer (USA)
D. Brent Polk (USA)
R. Balfour Sartor (USA)
Robert F. Schwabe (USA)
Gary D. Wu (USA)

GMFH 2020 SPEAKERS AND CHAIRS

Jessica Allegretti (USA)
Fernando Azpiroz (Spain)
Emily Balskus (USA)
Ran Blekhman (USA)
Alberto Caminero (Canada)
John Cryan (Ireland)
Emily Davenport (USA)
Lisa Derosa (France)
Gérard Eberl (France)
Colin Hill (Ireland)
Hana Kahleova (USA)
Jonathan Lynch (USA)
Kathy McCoy (Canada)
Max Nieuwdorp (The Netherlands)
Paul W. O'Toole (Ireland)
David Riglar (United Kingdom)
Michael Scharl (Switzerland)
Eran Segal (Israel)
Athanasios Typas (Germany)
Rinse K. Weersma (The Netherlands)
Kevin Whelan (United Kingdom)
Moran Yassour (Israel)

SPONSORING & ENDORSING SOCIETIES

ESNM European Society of Neurogastroenterology & Motility
Member of UEG

European Society of Neurogastroenterology and Motility
www.esnn.eu

aga American Gastroenterological Association

American Gastroenterological Association
www.gastro.org

American Neurogastroenterology and Motility Society
www.motilitysociety.org

Following the COVID-19 situation, several Members of the Faculty are subject to travel restrictions and therefore are not able to attend the Summit. The Scientific Program has been updated according to Members able to attend. Other talks will be available online to registered attendees. We thank you very much for your understanding.

SATURDAY, MARCH 7

08:15 - 08:30 am **WELCOME AND DAY 1 KICKOFF**
Harry Sokol (Paris, France)
Francisco Guarner (Barcelona, Spain)

08:30 - 09:00 am **KEYNOTE LECTURE: TRANSLATING MICROBIOME SCIENCE REPLACING ROADBLOCKS WITH ROADMAPS -** Colin Hill (Cork, Ireland)

PLENARY SESSION 1

Dietary factors shaping the gut microbiome

Session Moderator: Francisco Guarner (Barcelona, Spain)

09:00 - 09:30 am **FERMENTED FOODS, PROBIOTICS AND PREBIOTICS IN THE ERA OF MICROBIOME SCIENCE -** Kevin Whelan (London, United Kingdom)

09:30 - 10:00 am **EFFECT OF PLANT-BASED DIET ON GUT MICROBIOTA**
Hana Kahleova (Washington DC, USA)

10:00 - 10:30 am **DISCUSSION**

10:30 - 11:00 am *Morning Break*

PLENARY SESSION 2

Microbiome as orchestrator of the immune system

Session Moderator: Dirk Haller (Munich, Germany)

11:00 - 11:30 am **MATERNAL MICROBIOME SHAPING THE IMMUNE SYSTEM OF INFANT**
Kathy McCoy (Calgary, Canada) - ***Video Recorded talk***

11:30 - 12:00 pm **LONG TERM CONSEQUENCES OF EARLY LIFE IMPRINTING BY THE GUT MICROBIOTA -** Gérard Eberl (Paris, France)

12:00 - 12:30 pm **MICROBIOME MODULATION OF IMMUNE SYSTEM IN IBD**
Harry Sokol (Paris, France)

12:30 - 02:00 pm *Networking Lunch*

WORKSHOPS SESSION

Given the impossibility of traveling by certain members of the Faculty,
we are forced to cancel workshop 1. Thank you very much for your understanding.
Workshops 3 & 5 are transformed into plenary sessions.

02:00 - 03:30 pm **WORKSHOPS 2 & 4**

2. MICROBIOME ACROSS AGE
Microbiome in early life - Moran Yassour (Jerusalem, Israel) - ***Live video talk***
Microbiome in elderly - Paul W. O'Toole (Cork, Ireland) - ***Live video talk***

4. TIME TO FOCUS ON THE SMALL INTESTINE
Dietary antigen - Alberto Caminero (Hamilton, Canada)
Bile acid and small intestine microbiota
Purna Kashyap (Rochester, USA)

03:30 - 04:00 pm *Afternoon Break*

04:00 - 05:30 pm **WORKSHOPS 2 & 4**

2. MICROBIOME ACROSS AGE
Microbiome in early life - Moran Yassour (Jerusalem, Israel) - ***Live video talk***
Microbiome in elderly - Paul W. O'Toole (Cork, Ireland) - ***Live video talk***

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Purna Kashyap (Rochester, USA)

05:30 - 07:00 pm *Networking Reception*

VIDEOS ONLINE

Speakers not able to travel will prepare recorded talks.
These talks will be available after the summit on
www.gmfh2020-livesummit.com

HOST GENETICS - Emily Davenport (State College, USA)
ENVIRONMENT - Eran Segal (Rehovot, Israel)
GEOGRAPHY/ IMMIGRATION - Ran Blekhman (Minneapolis, USA)
FMT IN IBD - Jessica Allegretti (Boston, USA)
HUMAN MICROBIOME, DRUG METABOLISM BY GUT BACTERIA... - Emily Balskus (Cambridge, USA)
GUT MICROBIOME AND COLORECTAL CANCER - Michael Scharl (Zurich, Switzerland)

SUNDAY, MARCH 8

08:45 - 08:50 am **DAY 2 KICKOFF**
Harry Sokol (Paris, France)

PLENARY SESSION 3

Microbiome - Drug interactions

Session Moderator: Francisco Guarner (Barcelona, Spain)

08:50 - 09:20 am **THE INFLUENCE OF PROTON PUMP INHIBITORS AND OTHER COMMONLY USED DRUGS ON THE GUT MICROBIOME**
Rinse K. Weersma (Groningen, The Netherlands)

09:20 - 09:50 am **IMPACT OF NON-ANTIBIOTIC DRUGS ON THE GUT MICROBIOTA**
Athanasios Typas (Heidelberg, Germany) - ***Live video talk***

09:50 - 10:20 am **DESIGNING DIAGNOSTICS AND THERAPEUTICS FOR THE GUT MICROBIOME**
David Riglar (London, United Kingdom) - ***Live video talk***

10:20 - 10:50 am *Morning Break*

PLENARY SESSION 4

Moving microbiome to the clinic

Session Moderator: Purna Kashyap (Rochester, USA)

10:50 - 11:20 am **GUT-BRAIN CONNECTION**
John Cryan (Cork, Ireland)

11:20 - 11:50 am **SEROTONIN AND GUT MICROBIOTA**
Jonathan Lynch (Los Angeles, USA)

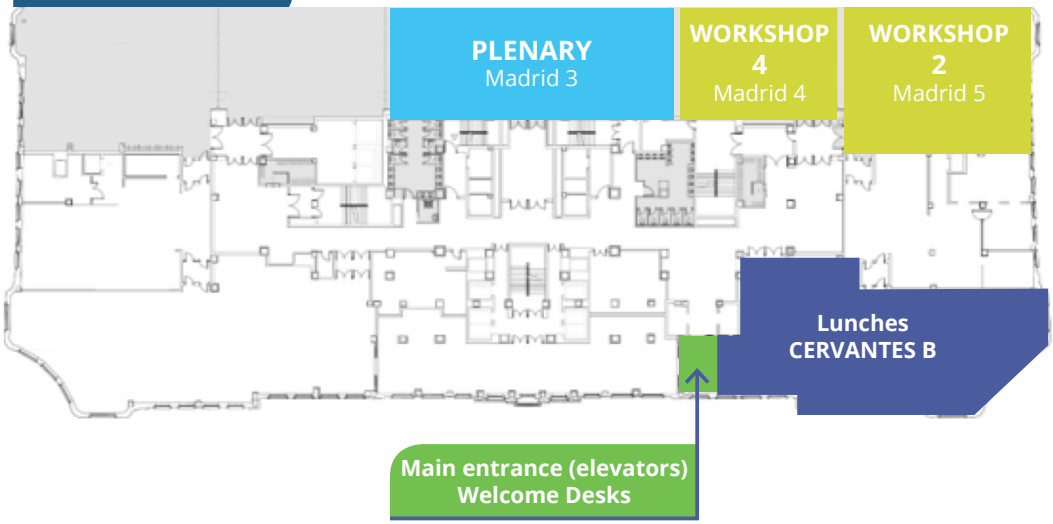
11:50 - 12:20 pm **PROFILING OF HUMAN-MICROBE SYMBIOSIS; HOW FAR ARE WE FROM CLINICAL APPLICATIONS?**
Joël Doré (Paris, France)

12:20 - 12:30 pm **CLOSING REMARKS**
Harry Sokol (Paris, France)
Francisco Guarner (Barcelona, Spain)

01:00 pm *Lunch for all attendees*

FLOOR PLAN

4th FLOOR



3rd FLOOR

SUPPORTERS

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EVALUATION / ATTENDANCE CERTIFICATE

Please take a few minutes of your time
to give us your feedback.
Your input is highly appreciated.

You will receive your
Attendance Certificate
after completing the evaluation.
www.gmfh2020-evaluation.com

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