2027 AGA Microbes to Medicine (M2M)

Bridging microbiome science and clinical practice

March 19-21, 2027 • Philadelphia, PA

All times are Eastern U.S.

DAY 1 (SATURDAY, March 20)

8:00 a.m. **Welcome and introductory overview of the agenda**
Gail A. Hecht, MD, MS, Loyola University Medical Center

8:15 a.m. **DAY 1 KEYNOTE**
Restoring microbiome eubiosis with ecological and evolutionary principles
Eugene Chang, MD, University of Chicago

PLENARY SESSION 1: DIET–MICROBIOME AXIS

9:00 a.m. *What your patients want to know about the interplay of ultra-processed foods and the microbiome*
Kevin Whelan, PhD, King's College London

9:30 a.m. *Food to function: Microbial metabolism at the diet-host interface*
Susan Lynch, PhD, University of California San Francisco

10:00 a.m. *A dietary pattern primer for your patients from population studies*
Mingyang Song, MBBS, ScD, Massachusetts General Hospital

10:30 a.m. **Morning Break**

PLENARY SESSION 2: WHAT CLINICIANS SHOULD KNOW ABOUT THE MICROBIOME

11:00 a.m. *Highlights from AGA's Microbiome Curriculum for Clinicians*
Aaron Hecht, MD, PhD, Mayo Clinic

11:45 a.m. *Microbiome tests, products and claims: A regulatory primer*
Diane Hoffmann, JD, University of Maryland

12:05 p.m. *Moderated discussion*: When and for what conditions will clinical decision-making result from microbiome-informed diagnostic tests?

12:30 p.m. **LUNCH**

1:30 p.m. **ABSTRACT PRESENTER LIGHTNING TALKS**: 3-minute presentations from the top 10 abstracts.

2:15 p.m. **BREAKOUT SESSIONS 1** (two concurrent sessions)

***Workshop 1**: Emerging indications for fecal microbiota transplantation*
Talk themes:

- **Paul Moayyedi**, MB ChB, PhD, MPH, AGAF, McMaster University – *Irritable bowel syndrome*
- **Michael H Woodworth**, MD, MSc, FIDSA, Emory University – *Multi-drug-resistant organisms*

***Workshop 2**: Building a healthy gut microbiome through diet*
Talk themes:

- **Anissa Armet**, PhD, RD, University of Alberta – *The Non-industrialized Microbiome Restore (NiMe) Diet*
- **Rachel Carmody**, PhD, Harvard University – *Diet meets the microbiome: Microbial responses to food*

3:30 p.m. **Afternoon Break**

4:00 p.m. **BREAKOUT SESSIONS 2** (two concurrent sessions)

***Workshop 3**: The gut microbiome in women's health*
Talk themes:

- **David Meriwether**, PhD, University of California Los Angeles – *Menopause, estrogen metabolism, and the estro-biome*
- **Varykina Thackray**, PhD, University of California San Diego – *Microbial dynamics in polyendocrine metabolic ovarian syndrome*

***Workshop 4**: Microbial machinations in disorders of gut-brain interaction*
Talk themes:

- **Prashant Singh**, MBBS, AGAF, University of Michigan – *The low FODMAP diet*
- **Eammon Quigley**, MD, Houston Methodist Hospital – *The small bowel*

5:30 p.m. **Networking Reception**

7 p.m. **End of Day 1**

DAY 2 (SUNDAY, March, 21)

PLENARY SESSION 3: A CLINICIAN AND A RESEARCHER WALK INTO A CONFERENCE ROOM: THE MICROBIOME AS A SUPPORTIVE THERAPY FOR IBD BIOLOGICS

8:00 a.m. *The pre-clinical research perspective*: *the case for integrating microbiome-management into IBD treatments*
R. Balfour Sartor, MD, University of North Carolina School of Medicine

8:30 a.m. *The clinical perspective*: *biologics as the standard of care*
Randy Longman, MD, PhD, Weill Cornell Medicine

9:00 a.m. Moderated discussion: When and which microbiome-informed recommendations will become available as adjunctive therapies for patients with IBD?

9:30 a.m. **Morning Break**

PLENARY SESSION 4: MICROBIOME SUPPORTED ONCOLOGICAL THERAPIES

10:00 a.m. *The microbiome and colorectal cancer*
Christian Jobin, PhD, University of Florida

10:30 a.m. *The microbiome in graft-versus-host disease*
Marcel van den Brink, MD, PhD, Memorial Sloan Kettering Institute

11:00 a.m. *Microbiome modulation to improve cancer immunotherapy*
Diwakar Davar, MBBS, MSc, University of Pittsburgh

11:45 a.m. **CLOSING KEYNOTE**
Forever chemicals meet the gut microbiome: Unraveling the impact of PFAS
Andrew Patterson, PhD, Pennsylvania State University

12:30 p.m. **Closing Remarks**
Gail A. Hecht, MD, MS, Loyola University Medical Center

12:35 p.m. **End of Program**