

Agenda

SATURDAY, SEPTEMBER 21, 2019

7:00 AM - 8:00 AM Breakfast/Exhibit Hall

8:00 AM - 8:15 AM Welcome

Mark Pimentel, MD FRCP(C)

NOVEL DEVELOPMENTS IN THE MICROBIOME

8:15 AM - 9:00 AM Engineering the microbiome for animal health and conservation

Rob Knight, PhD

9:00 AM - 9:30 AM An atlas of β -glucuronidases in the human intestinal microbiome

Aadra Bhatt, PhD

9:30 AM - 10:00 AM The microbiome tipping point

Rustem F. Ismagilov, PhD

10:00 AM - 10:15 AM Panel Discussion

10:15 AM - 10:30 AM AM Break/Exhibit Hall

MICROBES AND THE MIND

10:30 AM - 11:00 AM Microbiota-gut-brain axis in the development of perinatal mood and anxiety disorders

Mary Kimmel, MD

11:00 AM - 11:30 AM Middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome

John F. Cryan, PhD, MRIA

GASTROENTERITIS: THE MICROBIOME PROVOCATEUR

11:30 AM - 12:00 PM The interesting case of campylobacter

Mark S. Riddle, MD, DrPH, FISTM

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12:00 PM – 12:15 PM Panel Discussion

12:15 PM - 1:00 PM Lunch/Exhibit Hall

THE SMALL INTESTINE

1:00 PM - 1:45 PM The small intestine: Lessons from the REIMAGINE study
Ruchi Mathur, MD

HYDROGEN CONSUMING ORGANISMS

1:45 PM - 2:15 PM Methanogens and human health and disease
Mark Pimentel, MD FRCP(C)

2:15 PM - 3:00 PM Sulfate reducing organisms
Gabriella Leite, PhD

3:00 PM – 3:45 PM Fecal microbial transplantation for clostridium difficile and beyond
Ajay Gulati, MD

3:45 PM – 4:00 PM Panel Discussion

4:00 PM Adjourn

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SUNDAY, SEPTEMBER 22, 2019

7:00 AM - 8:00 AM Breakfast/Exhibit Hall

8:00 AM - 8:15 AM Welcome

THE HOLISTIC MICROBIOME

8:15 AM - 9:00 AM The intricate relationship between our microbiota and our health
Jack Gilbert, PhD

MICROBES AND CACHEXIA/CANCER

9:00 AM - 9:45 AM Influences of nutrient-starved enteric microbes on host physiology
Ian Carroll, PhD

9:45 AM - 10:30 AM Functional consequences of the gut microbiome on intestinal cancer
Janelle C. Arthur, PhD

10:30 AM - 10:45 AM Panel Discussion

10:45 AM - 11:00 AM Break/Exhibit Hall

DIAGNOSIS AND TREATMENT OF THE MICROBIOME

11:00 AM - 11:30 AM Diagnosis based on the microbiome
Ali Rezaie, MD, MSc Epi, FRCPC

11:30 AM - 12:00 PM Update on gut microbiome
Mark Pimentel, MD, FRCP(C)

12:00 PM - 12:15 PM Panel Discussion

12:15 PM Concluding Remarks/Adjourn

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