

Advancing Microbiome Research Symposium: Microbiome & Disease



November 17, 2016 | Conference Chicago at University Center, Chicago, IL

Agenda

8:00 – 8:30am Registration and Light Breakfast

8:30 – 8:45am Welcome and Introduction

SESSION 1: METABOLIC DISEASE & THE MICROBIOME

8:45 – 9:10am Effects of Food Matrix and Western Diet on Colorectal Cancer and Metabolism in C57BL/6 Mice
Korry Hintze, Utah State University

9:10 – 9:30am Dialogue Between Host Metabolism and Gut Microbiota
David Alvarado, Washington University

9:30 – 9:50am Exercise as a Lens to View the Microbiome and Intestinal Health
Sara Campbell, Rutgers University

SESSION 2: CANCER & THE MICROBIOME

9:50 – 10:20am How Adhesive Components of Microbiota Stimulate Tumor Elicited Inflammation and Colorectal Cancer
Sergey Grivennikov, Fox Chase Cancer Center

10:20 – 10:35am Break

10:35 – 10:55am Utilizing Gnotobiotic Mice to Understand the Role of the Microbiome in Murine Disease Models
Caitlin Parello, Biomodels

10:55 – 11:15am Toward an Integrated Model of Nutrient Transport and Absorption in the Small Intestine
Jacques Beaumont, Complex Biosystems, Upstate Medical University

SESSION 3: PRACTICALITIES

11:15am – 11:45pm Microbiome, Disease and Therapeutics
Odile Engel, US Food and Drug Administration

11:45 – 12:30pm Lunch & Exhibits

KEYNOTE TALK

12:30 – 1:15pm Sepsis and Microbiome
Thomas Griffith, University of Minnesota

Agenda Continued

SESSION 4: IMMUNITY & AUTOIMMUNITY

1:15 – 1:35pm	Regulatory B Cell Induction by a Human Gut Commensal Antigen Protects Against CNS Inflammation and Demyelination Sara L. Colpitts, Dartmouth University
1:35 – 1:55pm	<i>C. difficile</i> and the Microbiome: Pathogenesis and Protection Jhansi Leslie, University of Michigan
1:55 – 2:10pm	Settings Industry Standards for Microbiome Investigations Julia Cope, Diversigen
2:10 – 2:30pm	Gut Microbiota Drives Autoimmune Arthritis by Unleashing the Tfh Response Hsin-Jung Joyce Wu, University of Arizona
2:30 – 2:45pm	Break
2:45 – 3:10pm	Triangulating Immune Responses, the Microbiota and Infection Outcomes in Giardiasis Steven Singer, Georgetown University
3:10 – 3:30pm	Gut Microbiome-Derived Metabolites Modulate Intestinal Epithelial Cell Damage and Mitigate Graft-Versus-Host Disease Katherine Oravec-Wilson, University of Michigan
3:30 – 3:50pm	EGFR Regulates Colonic Microbiome Composition and Colitis Susceptibility Philip Dubé, Taconic Biosciences
3:50 – 4:10pm	Modulation of Gut Microbiome by Soy Isoflavone Genistein is Associated with a Reduced Type 1 Diabetes (T1D) Risk Guannan Huang, University of Georgia
4:10 – 4:15pm	Wrap up
4:15 – 5:15pm	Networking Reception

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