

# MICROBIOME RESEACH FORUM

## SEMINAR SERIES 2020 – 2021

Every Monday at 3PM on Zoom

SEPTEMBER		
DATE	EVENT/SPEAKER	TITLE/TOPIC
9/14/20	Giorgio Trinchieri, M.D. – NIH, NCI	Targeting the microbiome for anti-PD1 cancer therapy
9/21/20	Glenn Treisman, M.D., Ph.D.	Psychoneuroimmunogastroenterology-everything is connected
9/28/20	Holiday	No Meeting
OCTOBER		
DATE	EVENT/SPEAKER	TITLE/TOPIC
10/5/20	Liliana Florea, M.Sc., Ph.D.	The Computational Biology Consulting Core - A bioinformatics overview
10/12/20	Liisa Hantsoo, Ph.D.	The Gut Microbiome and Mental Health: Role of Adverse Childhood Experiences
10/19/20	Steven Salzberg, Ph.D. Jennifer Lu, Ph.D. candidate	Creating high-quality pathogen sequence databases: an ongoing struggle
10/26/20	Samuel Alaish, M.D.	Short Bowel Syndrome and the Gut Microbiome: Can Fecal Transplants Reduce the Need for Intestinal Transplantation?
NOVEMBER		
DATE	EVENT/SPEAKER	TITLE/TOPIC
11/2/20	Calliope Holingue, M.P.H., Ph.D.	Self-reported sleep and gut microbiome composition and diversity: Associations in well-functioning older adults
11/9/20	Melinda Engevik, Ph.D. – Medical U of SC	Exploring microbial interactions at the mucosal interface
11/16/20	Federico Rey, Ph.D. – U of WI – Madison	Exploring the causes and consequences of gut microbiome variation
11/23/20	Holiday	No Meeting
11/30/20	Francine Marques, Ph.D. – Monash Univ, Aus	Targeting the Gut Microbiota to Lower Blood Pressure
DECEMBER		
DATE	EVENT/SPEAKER	TITLE/TOPIC
12/7/20	Carly Muletz Wolz, Ph.D. – Smithsonian’s Zoo	Microbiomes in health and disease: from wild salamanders to captive primates to coffee soil
12/14/20	Cancelled	No Meeting

<b>12/21/20</b>	Holiday	No Meeting
<b>12/28/20</b>	Holiday	No Meeting
<b>JANUARY</b>		
<b>DATE</b>	<b>EVENT/SPEAKER</b>	<b>TITLE/TOPIC</b>
<b>1/4/21</b>	Holiday	No Meeting
<b>1/11/21</b>	Laura Cox, Ph.D. – Harvard Medical School	The potential role of the gut microbiome in Alzheimer’s disease
<b>1/18/21</b>	Holiday	No Meeting
<b>1/25/21</b>	Lauren Bakaletz, Ph.D. - Nationwide Children’s Hospital, Ohio State	Development of DNABII Protein-Targeted Therapeutic and Prevention Approaches for Biofilm Diseases
<b>FEBRUARY</b>		
<b>DATE</b>	<b>EVENT/SPEAKER</b>	<b>TITLE/TOPIC</b>
<b>2/1/21</b>	Cancelled - weather	No Meeting
<b>2/8/21</b>	Wendy Garrett, M.D., Ph.D. – Harvard Medical School	Diet and Microbial Metabolism in Kidney Disease and Colon Cancer
<b>2/15/21</b>	Jotham Suez, Ph.D.	Microbiome-based rational design of therapeutics
<b>2/22/21</b>	Brian Layden, Ph.D. – U of IL – Chicago	Gut Microbial derived nutrients role in metabolic response during Pregnancy and Beyond
<b>MARCH</b>		
<b>DATE</b>	<b>EVENT/SPEAKER</b>	<b>TITLE/TOPIC</b>
<b>3/1/21</b>	Elana Fertig, Ph.D.	Identifying therapeutic resistance mechanisms in cancer with single-cell data and machine learning
<b>3/8/21</b>	Rafael Machado Rezende, Ph.D. – Harvard Medical School	Intestinal gamma-delta T cells secrete micro-RNAs to modulate the microbiota and behavior in mice
<b>3/15/21</b>	Johan Melendez, Ph.D.	The genomics of antimicrobial resistance in <i>Neisseria gonorrhoeae</i> : Potential and limitations for diagnostics.
<b>3/22/21</b>	Helen Vuong, Ph.D. – UCLA	Elucidating the role of the maternal gut microbiome in nervous system development and sensorimotor behaviors

<b>3/29/21</b>	Dipali Sharma, Ph.D.	Breast Cancer and Microbiome connections-Challenges and Opportunities
<b>APRIL</b>		
<b>DATE</b>	<b>EVENT/SPEAKER</b>	<b>TITLE/TOPIC</b>
<b>4/5/21</b>	Holiday	No Meeting
<b>4/12/21</b>	Liliana Florea, M.Sc., Ph.D.	Computational methods for large scale transcriptomic data analysis
<b>4/19/21</b>	Jennifer Lu, Ph.D. candidate	Comparison of Computational Methods for Infectious Disease Diagnostics from Metagenomics Sequencing Data
<b>4/26/21</b>	Kellie Tamashiro, Ph.D.	Maternal nutrition in pregnancy and lactation: Impact on rat offspring gut microbiome
<b>MAY</b>		
<b>DATE</b>	<b>EVENT/SPEAKER</b>	<b>TITLE/TOPIC</b>
<b>5/3/21</b>	Noel Mueller, Ph.D., M.P.H., F.A.H.A.	Microbiota and Metabolic Health: From Observations to Interventions
<b>5/10/21</b>	Fyza Shaikh, M.D., Ph.D.	Microbiome correlates for checkpoint inhibitors efficacy in lung cancer
<b>5/17/21</b>	Julia Drewes, PhD.	Mining the gut microbiota for novel procarcinogenic microbes reveals <i>Clostridioides difficile</i> as a driver of colonic tumorigenesis
<b>5/24/21</b>	Chinmay Tikhe, Ph.D. candidate	Bacteriophage mediated modulation of mosquito microbiota
<b>5/31/21</b>	Holiday	No Meeting