

Microbiome Innovation Summit/The Jackson Laboratory/November 1, 2019

8:30 am		Welcome and opening remarks	
Welcome	Charles Lee The Jackson Laboratory	Introduction to the Connecticut Microbiome Initiative	Mark Adams The Jackson Laboratory
8:45 am		Science Session 1: The Human Microbiome	
<u>Moderator</u>	<u>Julia Oh The Jackson Laboratory</u>	<i>"Microbiome dynamics in human disease"</i>	Christoph Thaiss University of Pennsylvania
<i>"De novo mutations in human gut and skin microbiomes"</i>	Tami Lieberman Massachusetts Institute of Technology	<i>"Decoding immune, epithelial, and microbial ternary circuits in the skin"</i>	Shruti Naik New York University
10:00 am		BREAK	
10:25 am		Science Session 2: The Human Microbiome	
<u>Moderator</u>	<u>Mark Adams The Jackson Laboratory</u>	<i>"Role of Spatial Organization in Gut Microbiome Stability"</i>	Shipra Vaishnav Brown University
Flash Talks	Selected from the submitted abstracts		
11:25 am		Panel 1: The Commercial Landscape for Microbiome Companies	
<i>"The Microbiome Therapeutics Innovation Group"</i>	Ken Blount Rebiotix	<u>Moderator</u>	<u>Mostafa Analoui University of Connecticut</u>
Panelists	Paul Miller CSO, Artizan Biosciences		Brian Klein Vedanta Biosciences
	Rick Andrews Azitra Biosciences		
12:15pm		LUNCH	
1:00 pm		Science Session 3: Microbial communities as complex systems	
<u>Moderator</u>	<u>Nichole Broderick University of Connecticut</u>	<i>"Beyond chemical control: examining the potential of the 'phytobiome' as a natural control method to protect plants from biotic and abiotic stresses"</i>	Elizabeth Roberts Southern Connecticut State University
<i>"Functional genomics in plant-microbiome interactions"</i>	Cara Haney University of British Columbia	<i>"Metabolic rules of microbial community assembly"</i>	Alvaro Sanchez Yale University
<i>"Spatial Organization of Microbiomes at the Micron Scale"</i>	Jessica Mark Welch Woods Hole Marine Biological Laboratory	Flash Talks	Selected from the submitted abstracts
3:00 pm		BREAK	
3:20 pm		Panel 2: Rigor, reproducibility, and translatability in microbiome research	
<u>Moderator</u>	<u>Noah Palm Yale University</u>		
4:00pm		Keynote Address	
<u>Introduction</u>	<u>George Weinstock The Jackson Laboratory</u>	<i>"Ecological understanding of the causative role of gut microbiota in human metabolic health"</i>	Liping Zhao Rutgers University
4:45 pm		Reception and Poster Session	