

7th Annual • September 20, 2019

Southern California Microbiome Symposium

Connections to the Environment and Health

Friday September 20, 2019

10:00 a.m. **Presentations**
(lunch provided)

5:00 p.m. **Reception**

Location:

Calit2 Building Auditorium
University of California, Irvine

Register:
www.calit2.uci.edu

The seventh annual microbiome symposium is co-hosted by UCI's Institute for Genomics and Bioinformatics, Calit2, Zymo and the UCI Microbiome Initiative.



INSTITUTE FOR GENOMICS AND BIOINFORMATICS
University of California, Irvine

Calit2



ZYMO RESEARCH

UCI Microbiome Initiative

ENVIRONMENT

- 10:00 a.m. Welcome and Introductions
- 10:15 a.m. **Jack Gilbert, UC San Diego**
The airborne microbiome:
An Environment – Human health nexus
- 10:50 a.m. **Holly Bik, UC Riverside**
Characterizing the marine sediment
microbiome: From global patterns to
host-associated trends
- 11:25 a.m. **Alejandra Rodriguez, UC Irvine**
Evolution destabilizes pairwise
interactions in synthetic communities
exposed to a fluctuating environment

LUNCH BREAK

- 1:00 p.m. **Matt Wallenstein, Colorado State University**
Rational design of synthetic microbial
consortia: A personal journey from
introspection to innovation

HUMAN HEALTH

- 1:35 p.m. **Martha Clokie, University of Leicester**
The taming of *C. difficile* phages to prevent
and treat infection
- 2:10 p.m. **Elizabeth Bess, UC Irvine**
Gut reactions: Using chemistry to uncover
functions of the human microbiome

COFFEE BREAK

- 3:30 p.m. **David Mills, UC Davis**
A naturally evolved system to enrich a
functional microbiome: The wonders
of mammalian milk
- 4:05 p.m. **Shaista Malik, UC Irvine**
Microbiome testing for integrative health

RECEPTION