

# SOUTHERN CALIFORNIA MICROBIOME SYMPOSIUM

## Connections to the Environment and Health

Calit2 Building Auditorium

University of California, Irvine  
Register: [www.calit2.uci.edu](http://www.calit2.uci.edu)

September 22, 2017

10:00 am Presentations (lunch provided)  
4:45 pm Reception

### ENVIRONMENT

10 am

10:15 am **Rachel Dutton**  
*UC San Diego*

10:50 am **Denise Dearing**  
*University of Utah*

11:25 pm **David Valentine**  
*UC Santa Barbara*

Welcome and Introductions

Deconstructing and reconstructing microbial communities using cheese

Gut microbes facilitate the ingestion of dietary toxins by wild herbivores

The microbiome of the Deepwater Horizon oil spill

#### —LUNCH BREAK—

### HEALTH

1:00 pm **Adam Martiny**  
*UC Irvine*

1:35 pm **Susan Huang**  
*UC Irvine*

2:10 pm **Steven Frese**  
*Evolve Biosystems, Davis CA*

Population genomic structure of marine bacteria

The impact of decolonization on healthcare-associated infections

Restoring the infant gut microbiome

#### —COFFEE BREAK—

3:30 pm **Ilhem Messaoudi**  
*UC Irvine*

4:05 pm **Rob Edwards**  
*San Diego State University*

Uncovering the role of microbiome in development of environmental enteric disease using a rhesus macaque model

The global and local evolution of a ubiquitous phage from human intestines

#### —WINE AND CHEESE RECEPTION—

This fifth annual microbiome symposium is co-hosted by UCI's Institute for Genomics and Bioinformatics, Calit2, the UCI Data Science Initiative, and the UCI Microbiome Initiative.



**Calit2**

**UCI** Microbiome Initiative