

14th ANNUAL UC BERKELEY MICROBIOLOGY STUDENT SYMPOSIUM

8:30 AM Registration, Breakfast, Poster setup

9:00 AM Welcome, 245 LKS
Bubba Brooks, Symposium Chair

9:05 AM Tera Levin, King Lab, UC Berkeley
Evidence of Sex and Recombination in the Life History of the Choanoflagellate *Salpingoeca rosetta*

9:30 AM Onur Erbilgin, Kerfeld Lab, UC Berkeley
Organelles in Bacteria: Microcompartments Involved in Detoxification (and More!) in the Planctomycetes

9:55 AM Coffee Break

10:05 AM Iman Sylvain, Univ. of Michigan/UC Berkeley
A Multi-regional Perspective on the Effect of Coffee Agriculture on Fungal Community Structure

10:30 AM Bubba Brooks, Banfield Lab, UC Berkeley
Microbes in the Neonatal Intensive Care Unit are also Found in the Gut of Premature Infants

10:55 AM Coffee Break

11:05 AM **KEYNOTE PRESENTATION #1**
Eric Alm
Massachusetts Institute of Technology
The Human Microbiome in Health and Disease

12:05 PM Barry Bochner, CEO and CSO at Biolog
Research Overview

12:25 PM Lunch and Poster Session
LKS Lobby

1:30 PM Bo Zhou, Shapiro Lab, Stanford University
Deciphering the Transcriptional Landscape of *Caulobacter crescentus*

1:55 PM Kyle Frischkorn, Univ. of Washington / NOAA / UC Berkeley
Vibrio parahaemolyticus Type IV Pili Mediate Interactions with Diatom-derived Chitin and Point to an Unexplored Mechanism of Environmental Persistence

2:20 PM Coffee Break

2:30 PM Seychelle Vos, Berger Lab, UC Berkeley
Structural Basis for the MukB-topoisomerase IV Interaction and Its Implications *in vivo*

2:55 PM Cecilia Sedano, Sarnow Lab, Stanford University
Exoribonuclease XRN2 as a Novel Antiviral Factor Against Hepatitis C Virus

3:20 PM Balloting for Best Speaker Award

3:30 PM **KEYNOTE PRESENTATION #2**
Vincent Racaniello
Columbia University
This Week in Virology Live Podcast

4:45 PM Award announcements and closing comments

4:50 – 6:00 PM Reception, LKS Lobby

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