microBOOmes

UC Davis Genome Center
2017

Halloween Symposium on Microbiomes

Friday, October 27th
8:30 am- 4:30 pm, GBSF 1005 and LOBBY

8:30 am Coffee and refreshments – *sponsored by Qiagen*; Pumpkin and Poster set-up

8:55 am Opening Remarks
Jonathan Eisen; *UC Davis, Department of Evolution & Ecology & Genome Center*

Dawn Sumner
Earth and Planetary Sciences, CLS
9:00 am Ghostly landscapes where animals dare not tread: Phototrophic mats in ice-covered lakes, Antarctica

Christian Santos Medellin
UC Davis, Department of Plant Biology, Sundar Lab
9:30 am Tales from the underground: host-microbiome interactions across the soil-root continuum

10:00 am Break

Angela Zivkovic
UC Davis, Nutrition
10:30 am Changes in Gut Microbiota Composition in Response to Eating a Mediterranean Diet vs. a Fast Food Diet

Philip Brooks
UC Davis, School of Veterinary Medicine
11:00 am Composition of gut microbiota affects C. jejuni-mediated inflammation and autoimmunity in murine models

11:30 am Lunch[*]
Voting for Pumpkin Carving & Best Costume Contests

Tanja Woyke; **Key Note Lecture**
Department of Energy, Joint Genome Institute, LBL
1:00 pm Targeting taxonomic 'blind spots' & functional traits via single-cell

2:00 pm Break; Poster viewing & voting

Ruihong Zhang
UC Davis, Biological and Agricultural Engineering
2:30 pm Powerful Microbes and Biodigesters for Turning Waste into Energy

Eric Velasquez
UC Davis, Medical Microbiology and Immunology, Baumler Lab
3:00 pm Enterobacteriaceae underlie variation in susceptibility to infection

Matt Settles
UC Davis, Genome Center Bioinformatics
3:30 pm From amplicons to metagenomes, a Core facilities perspective of the biome

4:15 pm Closing remarks; Announcement of Raffle, Poster & Contest Winners[1]

11:30 am – 2:30 pm GBSF Patio: Vendor Fair & Presentations

Pumpkin Carving & Costume Contests – Best Individual Costume, Best Lab/Group Costume

[*]Complementary lunch for the first 150 morning seminar attendees
[1]$250 Meeting Travel Award for Best Poster; $2000 Raffle winner for services from the GC Core of your choice; *Must be present to win.*