

22nd Bay Area Microbial Pathogenesis Symposium
Genentech Hall, UCSF
March 16, 2019

- 3:00 – 3:15** **Kyle Floyd** **UC Santa Cruz**
*The Ins and Outs of MSHA Pili Extension/Retraction Dynamics in *Vibrio cholerae**
- 3:15 – 3:30** **Bisco Hill** **UC Berkeley**
*Mycobacterial Meteors and Adipose Asteroids: Identifying the *Mycobacterium marinum* Actin-Based Motility Rocketing Factor*
- 3:30 – 3:45** **Dylan Dodd** **Stanford**
Anaerobic Respiration through the Rnf Complex Yields High Abundance Gut Metabolites
- 3:45 – 4:15** **COFFEE BREAK**
- 4:15 – 4:30** **Yael Litvak** **UC Davis**
Shiga toxin controls the ability of a pathogen to compete with the gut microbiota by providing access to host-derived iron
- 4:30 – 4:45** **Nicole Poweleit** **UCSF**
The structure of a natively purified mycobacterial type VII secretion system determined by cryo electron microscopy
- 4:45 – 5:00** **Michelle Lissner** **Stanford**
Dynamic metabolomic profiling reveals a role for aryl hydrocarbon receptor signaling in kidney protection during malaria infection
- 5:00 – 5:30** **Concluding Remarks**
- 5:30 – 6:30** **RECEPTION with wine and hors d'oeuvres**

We thank our donors and the UCSF Program in Microbial Pathogenesis and Host Defense for their generous support.