

28th Bay Area Microbial Pathogenesis Symposium (BAMPS)
Genentech Hall, UCSF
March 14, 2026

- 08:30 - 09:00** **Registration and Breakfast**
- 09:00 - 09:15** **Introduction and Welcome**
- 09:15 - 09:30** **James Chen** **UCSF**
Unraveling lipid transport across the mycobacterial cell envelope
- 09:30 - 09:45** **Charlotte Nichols (Ph.D. student)** **UC Berkeley**
In vivo functions of bacterial effectors and TNF α -mediated protection in a mouse model of Shigella infection
- 09:45 - 10:00** **Joy McKenna (Postdoc)** **Stanford**
Generalist and human-restricted Salmonella evolved divergent human intestinal epithelial cell tropism
- 10:00 - 10:15** **Yamini Mathur (Postdoc)** **UC Berkeley**
Structural Manipulation of Viral Assembly Drives Phage-Pathogen Coevolution
- 10:15 - 10:45** **COFFEE BREAK**
- 10:45 - 11:00** **Kai Trepka (Ph.D. student)** **UCSF**
Shifts in the human gut microbiome during cancer chemotherapy are diet-dependent
- 11:00 - 11:15** **Fatima Rizvi (Ph.D. student)** **UCSC**
Microbiota-Dependent Induction of Dietary Fiber Antibodies and their Roles in Fiber Clearance from Tissues
- 11:15 - 11:30** **Zach Howard (Postdoc)** **UCSF**
Utilizing uLIPSTIC to identify T cell interactions during Mycobacterium tuberculosis infection
- 11:30 - 11:45** **Jacqueline Phan (Postdoc)** **UC Berkeley**
Can I borrow your guts? How the human gut microbiome can mediate protection against shigellosis in mice
- 12:00 - 12:45** **POSTER SESSION I (1-40)**
Session I Poster presenters: please put your poster up at the assigned poster board number before the symposium starts. Please take them down at the end of the session so that Session II poster presenters can put their posters up on their assigned boards
- 12:45 - 01:30** **Lunch (though lunch will probably be available starting at noon)**
Group I Poster presenters: please take down your posters. Group II Poster presenters: please put up your poster at the assigned poster board number during lunch.

We thank the Burroughs Wellcome Fund, the UCSF Benioff Center for Microbiome Medicine, the Biohub-San Francisco, the Innovative Genomics Institute, the Novartis Institutes for Biomedical Research, and BioCyc for their generous support.

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01:30 - 02:15: POSTER SESSION II (41-80)

Posters can stay up through the afternoon, but must be taken down after the last talk

02:15 - 03:00 Pamela Chang, Keynote Speaker **Cornell**

Deciphering the chemical crosstalk of host-gut microbiota interactions

03:00 - 03:15 Christopher Rae (Postdoc) **UC Berkeley**

Discovering a multi-protein lipid export system in mycobacteria

03:15 - 03:30 Jee-Yon Lee (Postdoc) **UC Davis**

*Restoring Epithelial PPAR γ Signaling Limits High-Fat Diet-Induced Susceptibility to *Clostridioides difficile* Infection*

03:30 - 03:45 Murat Can Kalem (Postdoc) **UCSF**

*RNA isoforms and structure rapidly respond to temperature changes in *Histoplasma**

03:45 - 04:15 COFFEE BREAK

04:15 - 04:30 Nora Shamoon (Ph.D. student) **UC Merced**

*A Regenerative In Vivo Model for *Candida albicans* Pathogenesis and Mutant Screening*

04:30 - 04:45 Fei Gao (Postdoc) **Stanford**

*Rv2140c is targeted by follicular helper T cells in *Mycobacterium tuberculosis* exposed Interferon Gamma Release Assay negative populations in Uganda and South Africa*

04:45 - 05:00 Deepto Mozumdar (Postdoc) **UCSF**

On the mechanism of mRNA export from a jumbo phage-bacterial organelle

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