

**20th Bay Area Microbial Pathogenesis Symposium**  
**Genentech Hall, UCSF**  
**March 18, 2017**

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<b>8:30-9:00</b>	<b>Registration and Breakfast</b>	
<b>9:00-9:15</b>	<b>Introduction and Welcome</b>	
<b>9:15 – 9:35</b>	<b>Michael Shiloh, M.D</b> <i>Role of M cells in mucosal immunity to Mycobacterium tuberculosis</i>	<b>UT Southwestern</b>
<b>9:35 – 9:55</b>	<b>Bevin English</b> <i>The transcription factor CHOP, an effector of the Integrated Stress Response, is required for host sensitivity to Histoplasma capsulatum</i>	<b>UCSF (Sil Lab)</b>
<b>9:55 – 10:15</b>	<b>Yifan Wang</b> <i>Activation of the NLRP1-inflammasome by Toxoplasma gondii effectors</i>	<b>UCD (Saeij Lab)</b>
<b>10:15 – 10:35</b>	<b>Shumin Tan</b> <i>Life on the inside: Exploiting reporter strains to understand Mycobacterium tuberculosis-host interactions</i>	<b>Tufts Medical School</b>
<b>10:35 – 11:00</b>	<b>COFFEE BREAK</b>	
<b>11:00 – 11:20</b>	<b>Ming Hammond</b> <i>Riboswitching on the light: Imaging cyclic dinucleotides involved in bacterial and immune signaling</i>	<b>UCB</b>
<b>11:20 – 11:40</b>	<b>Jessica Witchley</b> <i>Host-fungal interactions in the mammalian gut</i>	<b>UCSF (Noble Lab)</b>
<b>11:40 – 12:00</b>	<b>Ishita Shah</b> <i>Bacteroides thetaiotaomicron cross-feeds pathobionts to possibly cause Necrotizing Enterocolitis</i>	<b>UCD (Mills Lab)</b>
<b>12-12:45</b>	<b>POSTER SESSION I (first half of alphabet)-</b> <i>Group 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 Group II poster presenters can put their posters up on their assigned boards</i>	
<b>12:45-1:30</b>	<b>Lunch (though lunch will probably be available starting at noon)</b> <i>Group I Poster presenters: please take down your posters; Group II poster presenters: please put your poster up at the assigned poster board number during lunch.</i>	
<b>1:30-2:15:</b>	<b>POSTER SESSION II (last half of alphabet)</b> <i>Posters can stay up through the afternoon but must be taken down when reception starts</i>	
<b>2:15 – 3:00</b>	<b>Kim Orth      Keynote Speaker</b> <i>Black spot, black death, black pearl: the tales of bacterial effectors</i>	<b>UT Southwestern</b>
<b>3:00-3:20</b>	<b>Thibault Sana</b>	<b>Stanford (Monack Lab)</b>

**We thank Merck, Gilead, the Burroughs Wellcome Foundation, the UC Berkeley Center for Emerging and Neglected Diseases, NuGEN, WholeBiome, Genentech, and the UCSF Program in Microbial Pathogenesis and Host Defense for their generous support.**

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*Bacterial "Fight club": Salmonella Typhimurium uses its T6SS antibacterial weapon to colonize the host gut*

- 3:20 – 3:40**     **Joe Hiatt**     **UCSF (Marson lab)**  
*Novel HIV-1 host factors modulate latency and infection: results from a high-throughput knock-out screen in primary T cells*
- 3:40 – 4:00**     **Katherine Amberg-Johnson**     **Stanford (Yeh Lab)**  
*A first-in-class inhibitor of FtsH disrupts plastid biogenesis in pathogenic protozoa*
- 4:00 – 4:30**     **COFFEE BREAK**
- 4:30 – 4:50**     **Justin DeLeon**     **UCB (Vance Lab)**  
*Manipulation of host metabolism by bacterial effectors that modulate mTORC1 activity*
- 4:50 – 5:10**     **Gabriel Mitchell**     **UCB (Portnoy lab)**  
*Listeria monocytogenes is Sequentially Targeted by LC3-Associated Phagocytosis and Canonical Autophagy during Macrophage Infection*
- 5:10 – 5:30**     **Ben Rauch**     **UCSF (Bondy-Denomy lab)**  
*Phage proteins inhibit CRISPR-Cas9 immunity in Listeria monocytogenes*
- 5:30-6:30**     **RECEPTION with wine and hors d'oeuvres**

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