9:30 – 10:00 AM On Site Registration (breakfast, coffee)

10:00 AM   **Welcome**
Onur Erbilgin, Symposium Chair

10:05 AM   Thomas Burke – UC Berkeley
A forward genetic screen for lysozyme sensitive mutants in *Listeria monocytogenes* identifies multiple response regulators, cell wall modifying enzymes, and a highly abundant non-coding RNA

10:25 AM   Allison Weis @Allibombu – UC Davis
Prevalence and pathogenic potential of *Campylobacter* isolates from free-living, human-commensal American Crows

10:45 AM   **Coffee Break**

11:00 AM   **Keynote Presentation 1**
Manuela Raffatellu
Guts, Germs and Steel: Microbes and Metal in the Inflamed gut

12:00 PM   A word from Biolog, one of our sponsors

12:20 PM   **Lunch and Poster Session**
LKS Lobby

1:20 PM   Christopher Jakobson – UC Berkeley
Insights into the transcriptional regulation of the Pdu bacterial microcompartment

1:40 PM   Magdalena Franco – Stanford
The pivotal oncogene c-Myc is induced by a novel *Toxoplasma* effector

2:00 PM   Ivan Vujikovic-Cvijin – UC San Francisco
HIV-associated dysbiosis: Linking microbiome shifts to HIV disease progression

2:20 PM   **Coffee Break**

2:35 PM   Isa Munoz-Arias – Gladstone at UCSF
Blood CD4 T Cells Are Resistant to Cell Death by Pyroptosis During HIV Infection

2:55 PM   Jessica Lee – Stanford
Diversity patterns of denitrifying bacteria in San Francisco Bay: what we can learn from genes

3:15 PM   Megan Cohn – UC Berkeley
Transcriptomics of *Xanthomonas*-Infected Cassava Reveals a TAL Effector-Induced Upregulation of a Sugar Transporter and Pectate Lyases

3:35 PM **Coffee**

3:50 PM Leigh Harris – Stanford
A *Caulobacter* MreB mutant with irregular cell shape exhibits compensatory widening to maintain a preferred surface area to volume ratio

4:10 PM Kevin Metcalf – UCB
Induction of a pathogenicity island using native and synthetic regulation results in different phenotypes

4:30 PM **Coffee**

4:40 PM **Keynote Presentation 2**
Christopher Marx
The math of metabolism: mutations that don't like each other (and species that do)

5:40 PM **Closing Statement and Awards**

5:45 – 7:00 **Reception**