

BAMPS 2019 Poster Session Presenter List

Note: We will have 2 poster sessions.

Poster Session I will be from 12-12:45pm (before lunch): Last names A-L. (Put up in the AM, taken down at start of lunch)

Poster Session II will be from 1:30-2:15pm (after lunch): Last names L-Z. (Put up at lunch, taken down before the reception)

Poster Session I: 12:00 - 12:45 (Put up in the AM, taken down at start of lunch)

#	Last Name	First Name	Affiliation	Title
1	Akahoshi	Douglas	UC Davis	Investigations of HD6 Inhibition of Flagella-Mediated Motility
2	Alexander	Margaret	UCSF	Using diet to alter immune manipulation by the microbiota: eating away at autoimmunity
3	Alvarez	Pablo	UC Santa Cruz	Elucidating how pathogenic Yersinia regulate the type III secretion system through IscR and YmoA influences
4	Anaya Sanchez	Andrea	University of Groningen	Galleria mellonella model as a system for studying infection by methicillin-resistant Staphylococcus aureus lineages and the effect of antimicrobial Photodynamic Therapy
5	Balderas	David	UC Santa Cruz	Genome scale analysis of IscR transcription factor binding in pathogenic Yersinia
6	Bandy	DJ Darwin	UC Davis	Pangenome Wide Association Study Identifies Novel Allelic Variants Linked to Livestock Abortion from Campylobacter jejuni Using Machine Learning
7	Bapat	Priyanka	UC Merced	Discovering the transcriptional regulation of chlamyospore formation in Candida albicans
8	Bettadapur	Akhila	UC Davis	Developing Host Cell Death Assays as a Readout for Amoebic Trophocytosis
9	Borgo	Gina	UC Berkeley	Investigating the role of a Rickettsia phospholipase during infection
10	Brubaker	Sky	Stanford	IFN-gamma priming enhances Casp11-dependent inflammasome activation through an unknown mechanism
11	Bruneau	Ryan	UC Davis	Differential Inhibition of Innate Immune sensor Protein kinase R by Cowpox viruses
12	Burke	Thomas	UC Berkeley	The inflammasome reveals a role for type I interferon in controlling Rickettsia infection
13	Cao	Binh	CSU	How does ROP23 contribute to Toxoplasma virulence?
14	Cevallos	Stephanie	UC Davis	Dysbiosis links stress to development of colorectal cancer
15	Chavez-Arroyo	Alfredo	UC Berkeley	Listeria monocytogenes induces secretion of IL-10 in mice via TLR2 and endosomal TLRs
16	Chen	Yun Chu	Stanford	Discovery and engineering of NHP signaling in plants, a novel strategy to enhance disease resistance
17	Chu	Nathaniel	MIT	Ecological and evolutionary dynamics of fecal transplant in inflammatory bowel disease patients, from microbes to molecules
18	Davis	Nicole	Stanford	The role of host arginine metabolism in murine malaria
19	Dhariwala	Miqdad	UCSF	The role of commensal microbes in shaping early life development of the skin myeloid compartment
20	Diallo	Amy	UCSF	Chlamydia trachomatis CT226 interacts with host sensors of innate immunity
21	Diaz-Ochoa	Vladimir	UC Davis	NRAMP1 is Critical for Neutrophil-Mediated Control of Salmonella Typhimurium
22	Diep	Anh	UC Merced	Immune Cell Differentiation in Response to Coccidioides
23	Dunne-Castagna, Vanessa	Al-Oboudi, Jassim	UC Davis	The Cross-reactivity of Milk Secretory IgA with Bifidobacterium longum subsp. infantis and Escherichia coli O157:H7 in Colonic Cell Models
24	Duvalsaint	Marvin	UCSF	Balanced impacts of fitness and drug pressure on the evolution of pfmdr1 alleles in P. falciparum
25	Elwell	Cheri	UCSF	Chlamydia trachomatis CT226 interacts with host sensors of innate immunity
26	Engstrom	Patrik	UC Berkeley	Outer membrane protein B enables Rickettsia parkeri to evade autophagy
27	Escalante	Veronica	UCSF	Simvastatin as a broad spectrum antibiotic against human gut bacteria
28	Guimaraes	Alessander	Genentech	Higher levels of circulating S. aureus DNA in the blood of patients associates with complicated bacteremia and more severe disease.
29	Gunderson	Emma	UCSF	Wolbachia endosymbiont in parasitic worm rebounds following treatment with antibiotics
30	Guzman	Andrew	Stanford	Sentinel at the gate: the role of a pseudokinase in stomatal movement during bacterial infection
31	Herrera	Nadia	UCSF	Investigating the role of ESX-1 in cell-cell communication in Mycobacteria.
32	Hu	Shuai	UC Santa Cruz	Available carbon source, lactate, promotes the resistance of Helicobacter pylori against complement
33	Ibe	Nnejiuwa	UCSF	Non-canonical activation of ER stress pathway by a bacterial pathogen
34	Jensen	Nick	UC Davis	Atypical oligosaccharide metabolism of Bifidobacterium longum subsp. longum SC215 clarified by comparative genomics
35	Johnson	Kevin	UC Santa Cruz	Understanding how the Helicobacter pylori chemoreceptor TlpA modulates host inflammation
36	Kimura	Hana	UCSF	Role of Endoplasmic Reticulum proteins Bap31 and CLIMP-63 in maintaining the Legionella pneumophila replicative niche
37	Kongsomboonvech	Angel	UC Merced	A Regulator Of CD8 T cell Responses ('ROCTR') Allows T. gondii to Modulate CD8 T Cell Responses
38	Kostow	Nora	UC Berkeley	Mechanism of host cell-cell fusion induced by Burkholderia thailandensis
39	Lam	Hanh	UC Santa Cruz	Developing cyclic peptomers as Gram-negative bacteria Type III secretion inhibitors
40	Lee	Eric	UC Berkeley	The Nonmevalonate Pathway Contributes to Listeria monocytogenes Persistence During Oral Infections
41	Liou	Megan	UC Davis	Different host cell types provide discrete respiratory niches for Enterobacteriaceae expansion

Poster Session II: 1:30 - 2:15 (Put up at lunch, taken down before the reception)

#	Last Name	First Name	Affiliation	Title
1	Litvak	Yael	UC Davis	Shiga toxin controls the ability of a pathogen to compete with the gut microbiota by providing access to host-derived iron
2	Lugo	Kyler	Stanford	Characterizing Salmonella's cholesterol-dependent expansion in the gut
3	Mageeney	Catherine	Sandia National Laboratories	Diverse therapeutic phage cocktails through a computational front end
4	Merana	Geil	UCSF	Colitis alters the antigen-specific CD4+ response to skin commensal bacteria and predisposes to neutrophilic skin inflammation
5	Miller	Hannah	UC Davis	Trogocytosis by Entamoeba histolytica mediates acquisition and display of human cell membrane proteins and evasion of lysis by human serum
6	Mudgett	Mary Beth	Stanford	New insights to chemical biology required for defense priming
7	Nguyen	Brittney	UC Berkeley	Listeria monocytogenes induces secretion of IL-10 in mice via TLR2 and endosomal TLRs
8	Nguyen	Maria	UC Berkeley	Determining the trigger of anti-phage island excision in Vibrio cholerae
9	Noack	Julia	UCSF	Systems biology approach to understand how pathogens manipulate host mitochondria
10	Nonnecke	Eric	UC Davis	Effector functions of human alpha defensins during diet-induced obesity
11	Olsan	Erin	UC Davis	Development of Faux-Biotics to Prevent CRE Colonization After Antibiotic Treatment
12	Peterson	Bret	UC Berkeley	hly mRNA structure fine-tunes listeriolysin O expression for Listeria monocytogenes
13	Pieper	Lindsey	UCSF	Reducing the Rainbow: The Role of the Gut Microbiome in Food and Drug Azo Dye Metabolism
14	Poweleit	Nicole	UCSF	The structure of a natively purified mycobacterial type VII secretion system determined by cryo electron microscopy.
15	Prasad	Neha	UCSF	A Pooled CRISPRi Screen to Probe Interactions with Conditionally Essential Genes in Pseudomonas aeruginosa
16	Proebstel	Anne-Katrin	UCSF	Gut-derived IgA B cells regulate neuroinflammation via IL-10
17	Quach	Emily	CSU	Contribution of Developmentally Regulated Metabolic Enzymes to Stage Conversion During Toxoplasma Pathogenesis
18	Radhakrishnan	Prathima	Stanford	Determining the Role of E-cadherin in Facilitating Listeria monocytogenes Cell-to-cell Spread
19	Radkov	Atanas	UCSF	Probing the molecular interaction between peptidoglycan and the T6s amidase effector Tae1
20	Ravesloot-Chavez	Marietta	UC Berkeley	The role of interferon-g in restricting M. tuberculosis infection
21	Requena	Kiana	CSU	Gyrase-mediated Supercoiling Modulates the Expression of the Caulobacter crescentus sciP Promoter
22	Rivera-Lugo	Rafael	UC Berkeley	Flavin Starvation in Listeria monocytogenes Leads to Bacteriolysis and AIM2-Mediated Pyroptosis in Host Cells
23	Rocha	Alexa	CSU	Regulation of a dynamically-localizing polyester by three Caulobacter crescentus transcription factors
24	Rogers	Andrew	UC Davis	Citrate utilization strategies differ between two common laboratory strains of Salmonella enterica serovar Typhimurium
25	Sapiro	Anne	UCSF	Dissecting the molecular mechanisms of tick-pathogen interactions
26	Sberro	Hila	Stanford	Large-scale analyses of human microbiomes reveal thousands of small, novel genes and their predicted functions
27	Sidhu	Amanpreet	CSU	How does the putative secreted protein encoded by TgME49_287040 contribute to the pathogenesis of Toxoplasma gondii?
28	Silva	Cassio	UOP	P2X7 receptor-mediated leukocyte recruitment and Porphyromonas gingivalis clearance requires IL-1 ² production and autocrine IL-1 receptor activation.
29	Stull-Lane	Annica	UC Davis	The therapeutic potential of antibiotics and vitamin A in treating multidrug resistant invasive non-typhoidal Salmonella infection
30	Suleiman	Rene	UC Davis	Investigating how Entamoeba histolytica "nibbles" versus "swallows" human cells
31	Trotta	Kristine	UCSF	Genetic Determinants of E.coli Susceptibility to an Interbacterial Type VI Secretion System
32	Tsai	Mary Kaitlyn	UCSF	Investigating the Antibiotic Resistance Mechanism of a Ribosomal RNA Methylating Enzyme
33	Voorhies	Mark	UCSF	Opposing signaling pathways regulate morphology in response to temperature in the fungal pathogen Histoplasma capsulatum
34	Walczak	Marta	Stanford	How an autophagy protein changed the job.
35	Yamashiro	Livia	UC Berkeley	Type I interferon-independent STING signaling contributes to control of HSV-1 infection in vivo
36	Yarza	Fauna	UCSF	Transcriptionally controlled tick immune responses to the Lyme disease bacterium
37	Yu	Huibin	UC Davis	Different Levels of PKR Inhibition Regulate NF-κB Signaling Pathway
38	Zhang	Ting	Harvard	MUC2 mucin shapes Listeria monocytogenes in vivo population dynamics by modulating the pathogen dissemination