

Microbiome and Immunity at the Skin and Gut Interfaces in Health and Disease

Wednesday, May 3, 2017

4610 X Street, UC Davis Medical Campus, Sacramento • Medical Education Building, Lecture Room 1222

- 1:00-1:15 PM Welcome by Samuel Hwang, M.D., Ph.D., Professor and Chair of Dermatology, UC Davis School of Medicine, Ph.D. and Satya Dandekar, Ph.D., Professor and Chair of Medical Microbiology and Immunology, UC Davis School of Medicine
- 1:15-2:00 PM **Heidi Kong, M.D., M.H.Sc.**, Dermatology Branch, National Cancer Institute
Investigating the skin microbiome and its relevance to health and dermatologic disease
- 2:00-2:15 PM **Raja Sivamani, M.D.**, Department of Dermatology
Acne: The lipidome and microbiome in action
- 2:15-2:30 PM **Lili Sheng**, Postdoc, Pathology & Laboratory Medicine
Gender Disparity in Metabolism and Gut Microbiota is FXR-dependent
- 2:30-2:45 PM **Mariana Barboza**, Assistant Project Scientist, Anatomy Physiology & Cell Biology
N-Glycoproteomic View of the Gut-Brain Axis
- 2:45-3:00 PM **COFFEE BREAK**
- 3:00-3:15 PM **Satya Dandekar, Ph.D.**, Medical Microbiology and Immunology
Gut Immune Defense, Microbiota and Viral Pathogenesis
- 3:15-3:30 PM **Erin Olsan**, Postdoc, Medical Microbiology and Immunology
Post-Antibiotic Nutrient Niche Promotes Growth of Enterobacteriaceae
- 3:30-3:45 PM **Clarissa Santos Rocha**, Postdoc, Medical Microbiology and Immunology
Subclinical viral infections drive host immune activation and gut microbiota changes and influence vaccine responses
- 3:45-4:00 PM **Michiko Shimoda, presented by Nathan Haigh**, Department of Dermatology
Activation of p38 MAPK is essential for human oligosaccharides to regulate dendritic cell inflammation response

SHORT PRESENTATIONS: Five minute presentations

- 4:00 PM **Kelly Lima, Pathology & Laboratory Medicine**
Next Generation Sequencing of a Burn Unit Microbiome: A Pilot Study
- 4:05 PM **Ning Chin, Population Health & Reproduction**
Using Shotgun Metagenomics to Examine the Use of Hand Microbiome as a Forensic Tool
- 4:10 PM **Bethany M. Henrick, Food Science & Technology**
Milk Oligosaccharides Decrease Pathogen Associated Molecular Pattern Induced Inflammation in Intestinal Epithelial Cells
- 4:15 PM **Poyin Chen, Microbiology & Molecular Genetics**
*Molecular effects of prebiotic oligosaccharide on *L. monocytogenes* infection*
- 4:20 PM **Lauren Hirao, presented by Clarissa Santos Rocha, Medical Microbiology & Immunology**
Simian immunodeficiency virus-induced gut inflammation modulates commensal bacterial gene expression
- 4:25 PM **Jena Prasant, Pathology & Laboratory Medicine**
Gut Microbiota-associated hepatic inflammation driven by FXR deficiency
- 4:30 PM **Yao-Hui Sun, Dermatology**
Bioelectricity Generated by Salmonella Infection in Gut Epithelium Drives Bidirectional Migration of Macrophages
- 4:35 PM **Sarah Kuhl, M.D., Ph.D., VA Northern California Health Care Service**
Bacteriophage treatment of intransigent diabetic toe ulcers: a case series
- 4:40 PM **Nicole Narayan, Medical Microbiology and Immunology**
Influence of Diet, Gut Microbiota, and Cytomegalovirus (CMV) Infection on the Development of the Immune System in Infant Rhesus Macaques
- 4:45 PM **Q&E**
- 5:05 PM **RECEPTION**