



Molecular Genetics & Microbiology

Annual Departmental Retreat 2010

Poster Session

Graduate Students	Mentor	Title
Molly Arabov	Wimmer	The Effect of Codon Pair Bias and CpG Content on the Functions of mRNA
DeAnna Bublitz	Furie	Characterizing how <i>Francisella tularensis</i> Suppresses the Proinflammatory Response of Endothelial Cells
Julio Carrion	Cutler	Blood Dendritic Cells in Cardiovascular Disease Risk
Joe Catanzaro	Zong	Squamous Cell Carcinoma Antigen is Expressed in High Grade Breast Carcinomas and Promotes Tumorigenesis by Inhibiting Senescence
Jameson Crowley	Benach	Transfer of Cholesterol from the Outer Membrane of <i>Borrelia burgdorferi</i> to Eukaryotic Cells
Kathy DelGiorno	Crawford	The Pancreatic Brush Cell: Implications in Healing and Disease
Zhixun Dou	Zong	Class I PI3K p110 β Subunit is a Positive Regulator of Autophagy
Chris Doyle	Thanassi	Investigating the Role of TolC in <i>Francisella tularensis</i> Virulence
Zhiyun Ge	Karzai	Nonstop mRNA Decay Initiates at the Ribosome.
Matt Hatkoff	Thanassi	Roles of the Chaperone/Usher Pathways of <i>Yersinia pestis</i> in Interactions with Host Cells and Virulence
Amy Kullas	van der Velden	Inhibition of T cells by <i>Salmonella enterica</i> serovar Typhimurium
Will McCaig	Thanassi	Characterization of Outer Membrane Vesicles and Tubes in <i>Francisella novicida</i>
Alexis Santana	Krug	Investigating the Role of NF- κ B in the Regulation of MHV68 Gene Expression.
Namratha Sheshadri	Zong	Squamous Cell Carcinoma Antigen 1 (SCCA1) promotes Epithelial-Mesenchymal Transition

Graduate Students		Mentor	Title
Ha Youn	Shin	Reich	Regulation of STAT5a Nuclear Trafficking
Marcin	Stawowczyk	Reich	Interferon Stimulated Gene 54 Promotes Apoptosis
Jason	Tam	van der Velden	The Role of Myeloid Cells in the Pathogenesis of and Host Response to <i>Salmonella typhimurium</i>
Cindy	Thomas	Furie	Mechanisms Utilized by <i>Francisella tularensis</i> to Invade Hepatocytes
AnnMarie	Torres	van der Velden	Characterizing <i>Salmonella</i> -induced T cell Inhibition and the Contribution of L-asparaginase-II
Elizabeth	Vink	Hearing	The Adenovirus E4-Orf3-Dependent Relocalization of TIF1 Family Proteins Relies on Access to the Coiled-Coil Motif
Chunling	Wang	Wimmer	Functional Analysis of Poliovirus Protein 2CATPase Using Alanine Scanning Mutagenesis
Perry	Woo	Karzai	Ribosomes as an Initiation Point for <i>trans</i> -Translation Associated Events: Protein Degradation
Chen	Yang	Wimmer	New Vaccine Strategy: Codon Pair Deoptimization of Influenza Virus
Amir	Zeituni	Cutler	DC-SIGN Targeting Carbohydrate Moieties Identified on 67 kDa Mfa-1 Fimbriae of Mucosal Pathogen <i>Porphyromonas gingivalis</i>
Ying	Zheng	Bliska	The Effector YopJKIM Activates Caspase-1 and Induces Caspase-1 Independent Necrotic Death in Yersinia-Infected Macrophages

Postdoctoral Fellows		Laboratory	Title
Lois	Douglas	Konopka	The Sur7 Plasma Membrane Protein Regulates Cell Wall Synthesis in <i>Candida albicans</i>
Yongjun	Fan	Zong	c-Myc Regulates Glutamine Metabolism Through Suppression of miR-143
Shamoon	Naseem	Konopka	Identification of GlcNAc-Induced Genes in <i>Candida albicans</i>
Ji-An	Pan	Zong	Proteotoxicity Induces Activation of Caspase 8 and Apoptosis