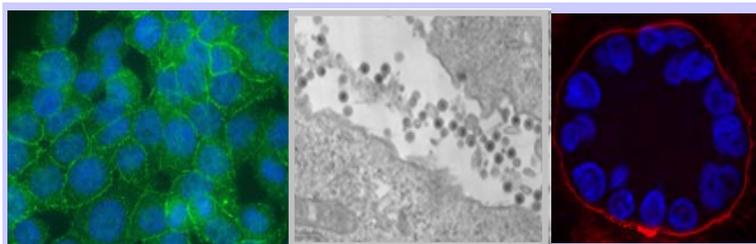


## Molecular Genetics & Microbiology Departmental Retreat

POSTER SESSION

Friday, October 2, 2009

1	Jameson	Crowley	Benach	High Affinity Binding Is Part of the Bactericidal Mechanism of Complement- Independent Antibodies Against <i>Borrelia burgdorferi</i>
2	Ying	Zheng	Bliska	An isoform of the YopJ in <i>Yersinia pestis</i> stimulates inflammatory apoptosis in macrophages through a process that involves inhibition of IKKb and activation of an ASC/Nalp3/caspase-1 inflammasome
3	Christine	Ardito	Crawford	Ablation of ADAM10 Impairs Pancreatic Tumor Progression
4	Amir	Zeituni	Cutler	Targeting DC-SIGN by glycosylated minor fimbriae on <i>P. gingivalis</i> promotes immuno-suppression by MoDCs
5	DeAnna	Bublitz	Furie	<i>Francisella tularensis</i> suppresses the proinflammatory response of endothelial cells via the endothelial protein C receptor
6	Lucas	Carey	Futcher	When to start? Does the ribosome know which AUG is correct?
7	Elizabeth	Vink	Hearing	Characterization of TIF1alpha and TIF1gamma Protein Domains Required for Interaction with the Adenovirus E4-orf3 Protein.
8	Huei-Mei	Chen	Leatherwood	Antisense Transcription and Forkhead Transcription Factor FKH2 Keep Middle Meiotic Genes Off in Fission Yeast
9	Yiwei	Gao	Reich	SOCS3 blocks breast tumor kinase activation of STAT3
10	Ha Youn	Shin	Reich	STAT5a nuclear trafficking
11	Matt	Hatkoff	Thanassi	Analysis of Pili Assembled via the Chaperone/Usher Pathway in <i>Yersinia pestis</i>
12	William	McCaig	Thanassi	Production of Outer Membrane Vesicles and Tube-Like Structures in <i>Francisella tularensis</i>
13	Jason	Tam	van der Velden	Inhibition of T cell responses by <i>Salmonella enterica</i> serovar Typhimurium



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14	Nicholas	Navin	Wigler	Inferring Breast Cancer Progression from Genomic Heterogeneity
15	Molly	Arabov	Wimmer	The effect of codon pair bias & CpG content on the functions of mRNA
16	Nusrat	Jahan	Wimmer	A Host-specific, temperature sensitive translation defect determines the attenuation phenotype of a human rhinovirus/poliovirus chimera PV1(RIPO)
17	Chunling	Wang	Wimmer	Functional analysis of poliovirus protein 2CATPase using a yeast two hybrid assay and Alanine Scanning
18	Zhixun	Dou	Zong	Regulation of autophagy by phosphatidylinositol 3-kinase p110beta
19	Jennifer	Guerrero	Zong	HMGB1 plays an essential role in activation of innate immunity and tumor regression in response to chemotherapy
20	Erica	Ullman	Zong	Squamous cell carcinoma antigen is a molecular switch that regulates protein degradation pathways and cell fate

### POST-DOCS

Elizabeth	Scotto-Levino	Freimuth	Secretion of unfolded proteins expressed in <i>E. coli</i>
Yongjun	Fan	Zong	Akt and c-Myc differentially activate cellular metabolic programs and prime cells to bioenergetic inhibition
Velasco	Cimica	Reich	Cellular Dynamics of the STAT3 Transcription Factor
Ying	Liu	Wimmer	Requirement of a direct interaction between nonstructural protein 2CATPase and capsid protein VP3 for C-cluster enterovirus morphogenesis
Antonius	Koller		The Fic domain: A new paradigm for adenylylation"