

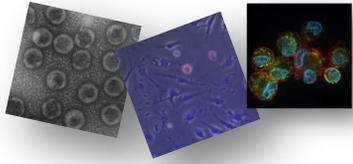
Molecular Genetics & Microbiology Annual Department Retreat

Friday, October 10, 2014 ♦ Poster Session



Emmanuel Asare	Wimmer	Molecular genetics studies of the role of poliovirus 2CATPase in morphogenesis
Anand Bhagwat	Vakoc - CSHL	Mediator is a key effector of Brd4-dependent oncogenic transcription
Alex Bott	Zong	Myc induces expression of glutamine synthetase through thymine DNA glycosylase-mediated promoter demethylation
Rebecca Bridges	Hearing	Proteomic analysis of ubiquitin-like post-translational modifications induced by the adenovirus E4-ORF3 protein
Arielle Bryan	Del Poeta	Cholesterol depletion From alveolar macrophages affects their infectivity with <i>Cryptococcus neoformans</i>
Eric Burton	Bhaduri-McIntosh	Anti-TNF α therapy is associated with EBV lytic activation
Peter Chahales	Thanassi	Nitazoxanide inhibits P pilus biogenesis in <i>Escherichia coli</i> by interfering with assembly of the outer membrane Usher protein
Lawton Chung	Bliska	IQGAP1 is important for activation of caspase-1 in macrophages and is targeted by <i>Yersinia pestis</i> type III effector YopM
Brandon Cieniewicz & Qiwen Dong	Krug	Murine gammaherpesvirus 68 impairs inflammasome activation upon de novo infection and co-infection with <i>Salmonella typhimurium</i>
Jennifer DeLeon	Zong	PI3K p110 β maintains bioenergetic homeostasis by regulating endocytic turnover of the glucose transporter GLUT1
David Frank	Carpino	Loss of the Sts phosphatases provides protection from systemic <i>Candida albicans</i>
Justin Gardin	Futcher	Measurement of the translation rate for all 61 sense codons in vivo
Nadia Jaber	Zong	The role of class III PI3 Kinase Vps34 in endocytosis
Erik Kopping	Thanassi	Role of the <i>Francisella novicida</i> type I secretion system in multidrug efflux and modulation of host cell death pathways
Lifang Li	Konopka	A novel family of antioxidant enzymes that protects the <i>Candida albicans</i> plasma membrane from lipid peroxidation

continued



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Patrick McLaughlin	van der Velden	On the role of L-Asparaginase II in host-interactions with <i>Salmonella typhimurium</i>
Nana Minkah	Krug	Absence of the uracil DNA glycosylase of murine gammaherpesvirus 68 impairs replication and delays the establishment of latency in vivo
Mansa Munshi	Del Poeta	Role of ceramide synthases in the pathogenicity of <i>Cryptococcus neoformans</i>
Tomoki Nomakuchi	Krainer - CSHL	Antisense-oligonucleotide-directed inhibition of nonsense-mediated mRNA decay
Salvatore Parrino	Konopka	GlcNAc stimulates a novel pathway to promote <i>Candida albicans</i> hyphal growth
Hiren Patel	Seeliger	Towards the functional characterization and inhibition of hydrolase enzymes in mycobacteria
Alexis Santana	Krug	The interplay of RTA and NF κ B signaling during gammaherpesvirus infection
Jason Tam	van der Velden	Immature monocytes are important modulators of the protective and pro-inflammatory response during <i>Salmonella</i> infection
Bingyin Wang	Wimmer	Recoding of vesicular stomatitis virus L gene by computer-aided design provides a live, attenuated vaccine candidate
Glenn Werneburg	Thanassi	Dissection of usher-chaperone-subunit interactions during pilus biogenesis in <i>Escherichia coli</i>
Yueting Zheng	Hearing	Both Type I and Type II interferons inhibit human adenovirus Type 5 replication by direct repression of E1A transcription in normal human diploid fibroblasts
Tejas Bouklas, PhD	Fries	Consequences of SIR2 regulation on the pathogenesis of <i>Cryptococcus neoformans</i>
Elizabeth Diago Navarro, PhD	Fries	IgG mAbs against K1-CPS as a possible diagnostic approach
Amir Farnaud, PhD	Del Poeta	Membrane order and its differences between virulent and non-virulent strains of <i>Cryptococcus</i>
Siva Koganti, PhD	Bhaduri-McIntosh	Cellular STAT3 functions via PCBP2 to restrain lytic activation in EBV-infected B lymphocytes
Joanna Luke	van der Velden	L-asparagine deprivation mediated by L-Asparaginase II of <i>Salmonella</i> Typhimurium causes inhibition of T cell metabolic reprogramming that is required for activation
Visesato Mor, PhD	Del Poeta	Identification of a new class of antifungals targeting the synthesis of fungal sphingolipids
Taylor Schoberle, PhD	Bliska	Examining the effects of quorum sensing on the <i>Yersinia pestis</i> Type-III secretion system