

Molecular Genetics & Microbiology Graduate Program Newsletter

Spring, 2013 Vol. 6, No. 1



2013 Publications

Ali, W.H., Chen, Q., **DelGiorno, K.E.**, Su, W., Hall, J.C., Hongu, T., Tian, H., Kanaho, Y., Di Paolo, G., Crawford, H.C., and Frohman, M.A. 2013. Deficiencies of the lipid-signaling enzymes phospholipase D1 and D2 alter cytoskeletal organization, macrophage phagocytosis, and cytokine-stimulated neutrophil recruitment. *PLoS One* 8(1): e55325.

Coleman, J.L., **Crowley, J.T.**, Toledo, A.M., and Benach, J.L. 2013. The HtrA protease of *Borrelia burgdorferi* degrades outer membrane protein BmpD and chemotaxis phosphatase CheX. *Molecular Microbiology*, in press.

Crowley, J.T., Toledo, A.M., LaRocca, T.J., Coleman, J.L., London, E., and Benach, J.L. 2013. Lipid exchange between *Borrelia burgdorferi* and host cells. *PLoS Pathogens* 9(1): e1003109.

Miles, B., Scisci, E., Carrion, J., Sabino, G., Genco, C.A., and Cutler, C.W. Non-canonical dendritic cell differentiation and survival driven by a bacteremic pathogen. *Journal of Leukocyte Biology*, in press.

Wu, K., Orozco, D., and Hearing, P. 2013. The adenovirus L4-33K protein regulates both late gene expression patterns and viral DNA packaging. *Journal of Virology*, in press.

2013 Conferences

Miles, B., and Cutler, C.W. Differentiation and Survival of Dendritic Cells upon *Porphyromonas gingivalis* Infection. 2013 AADR/IADR General Exhibition, Seattle, WA. Oral Presentation and Poster Presentation.

2013 Awards

Miles, B. 2013 Johnson & Johnson Hatton Award Finalist. AADR/IADR General Exhibition, Seattle, WA.

Miles, B. 2013. IADR Microbiology/Immunology Group Travel Award, \$1,000.

Dissertation Defenses

Brodie Miles' dissertation defense has been scheduled for May 20, 2013 at 2 PM in Life Sciences room 038. The title of his dissertation is "Dendritic Cell Expansion, Survival, and Aberrant Trafficking During *Porphyromonas gingivalis* Infection".

Chen Yang will defend his dissertation, "Development of Live Attenuated Influenza Vaccines by Codon Pair Deoptimization" on May 15, 2013 at 2 PM in Life Sciences room 038.

Incoming Students, Fall 2013

Brinda Alagesan (B.S., University of Pennsylvania; MSTP student)

Eric Burton (B.S., Stockton College)

Brian Carrey (B.S., Coastal Carolina University)

Kaustubh Parashar (M.S., Stony Brook University)

Arielle Scardino (B.S., City College of New York)

Nick Van Skyke (B.S., Southwest Missouri State)

The Admissions Committee would like to thank all the faculty members and graduate students who participated in recruitment this year.

Advanced Readings Course, Fall 2013

The topic for the journal club-style course, HBM 695 Advanced Readings in Molecular Genetics & Microbiology will be Immunology of Infectious Diseases and Vaccines for the fall semester 2013. All biomedical graduate students who have passed the qualifying exam are welcomed to enroll in the course. The class will be held on Tuesdays 11:00 - 12:00 noon in the Life Sciences second floor conference room (first day of class is Aug. 27).

Save the Date!

The 35th annual retreat of the Department of Molecular Genetics and Microbiology will take place on Friday, October 18, 2013 at the Port Jefferson Village Center. All graduate students are encouraged to present the results of their research at the retreat's poster session.