

Molecular Genetics & Microbiology Graduate Program Newsletter

Spring, 2014 Vol. 7, No. 1



2014 Publications

Bailey, J.M., **DelGiorno, K.E.**, and Crawford, H.C. 2014. The secret origins and surprising fates of pancreas tumors. *Carcinogenesis*, in press.

Bhagwat, A.S., and Vakoc, C.R. (2014). A new bump in the epigenetic landscape. *Molecular Cell* 53(6): 857-858.

DelGiorno, K.E., Hall, J.C., Takeuchi, K.K., Pan, F.C., Halbrook, C.J., Washington, M.K., Olive, K.P., Spence, J., Sipos, B., Wright, C.V., Wells, J.M., and Crawford, H.C. 2014. Identification and manipulation of biliary metaplasia in pancreatic tumors. *Gastroenterology* 146: 233-244.

DelGiorno, K.E., Tam, J.W., Hall, J.C., Thotakura, G., Crawford, H.C., and van der Velden, A.W.M. 2014. Persistent salmonellosis causes pancreatitis in a murine model of infection. *PLoS One* 9(4): e92807.

DelGiorno, K.E., **Tam, J.W.**, Hall, J.C., Thotakura, G., Crawford, H.C., and van der Velden, A.W.M. 2014. Persistent salmonellosis causes pancreatitis in a murine model of infection. *PLoS One* 9(4): e92807.

Doyle, C.R., Pan, J.A., Mena, P., Zong, W.X., and Thanassi, D.G. 2014. TolC-dependent modulation of host cell death by the *Francisella Tularensis* live vaccine strain. *Infection and Immunity*, in press.

Ma, Z., Banik, S., Rane, H., Mora, V.T., Rabadi, S.M., **Doyle, C.R.**, Thanassi, D.G., Bakshi, C.S., and Malik, M. 2014. EmrA1 membrane fusion protein of *Francisella tularensis* LVS is required for resistance to oxidative stress, intramacrophage survival and virulence in mice. *Molecular Microbiology* 91: 976-995.

Miles, B., Abdel-Ghaffar, K.A., Gamal, A.Y., Baban, B., and Cutler, C.W. 2014. Blood dendritic cells: "canary in the coal mine" to predict chronic inflammatory disease? *Frontiers in Microbiology* 5: 6.

Miles, B., Zakhary, I., El-Awady, A., Scisci, E., Carrion, J., O'Neill, J.C., Rawlings, A., Stern, J.K., Susin, C., and Cutler, C.W. 2014. Secondary lymphoid organ homing phenotype of human myeloid dendritic cells disrupted by an intracellular oral pathogen. *Infection and Immunity* 82(1): 101-111.

Minkah, N., Chavez, K., Shah, P., MacCarthy, T., Chen, H., Landau, N., and Krug, L.T. 2014. Host restriction of murine gammaherpesvirus 68 replication by human APOBEC3 cytidine deaminases but not murine APOBEC3. *Virology* 454:215-226.

Ucisik-Akkaya, E., Leatherwood, J.K., and Neiman, A.M. 2014. A genome-wide screen for sporulation-defective mutants in *Schizosaccharomyces pombe*. *G3*, in press.

Zheng, Y., and Hearing, P. 2014. The use of chromatin immunoprecipitation (ChIP) to study the binding of viral proteins to the adenovirus genome *in vivo*. *Methods in Molecular Biology* 1089: 79-87.

2014 Conferences

Gardin, J.M., Previti, M.L., Fitcher, B., and Seeliger, J.C. 2014. Re-Coding Genes for Live Attenuated Mycobacterium tuberculosis Vaccine. World TB Day Symposium: Countdown to 2015, March 24, New York, NY.

Minkah, N., Macaluso, M., Oldenburg, D., McBride, K., and Krug, L.T. 2014. A Role for the Viral Encoded Uracil DNA Glycosylase in Gammaherpesvirus Pathogenesis. 33rd Annual Meeting of the American Society for Virology. June 21-25, Fort Collins, CO.

Werneburg, G.T., Henderson, N.S., and Thanassi, D.G. 2014. Dissection of Usher-Chaperone-Subunit Interactions During Pilus Biogenesis in *Escherichia coli*. Gordon Research Conference on Bacterial Cell Surfaces. June 22-27, 2014, Mt. Snow, VT.

Werneburg, G.T., Henderson, N.S., and Thanassi, D.G. 2014. Dissection of Usher-Chaperone-Subunit Interactions During Pilus Biogenesis in *Escherichia coli*. American Association for Clinical Investigation/Association of American Pathologists Annual Meeting. April 25-27, Chicago, IL.

Awards

Werneburg, G. 2014. Travel Award to attend the American Association for Clinical Investigation/Association of American Pathologists Annual Meeting. April 25-27, Chicago, IL. \$750.

Distinguished Travel Award Announcement

The SBU Graduate Student Organization is changing the application process for the Distinguished Travel Award. Starting this semester, awards will be for students who plan to present their research at a conference in the subsequent semester (i.e., there will be two award cycles each year). The deadline for students who plan to attend a conference between July 1, 2014 and December 31, 2014 is April 25, 2014. Each graduate program may nominate up to two students for each award cycle. Students will be selected for the nomination on a first-come first-served basis and may only receive the award once. For more information on the award go to <http://www.sbgso.org/index.php/funding/forms1>

Individual Development Plan Program

Students participating in the new IDP Program met for the first time on March 18th to present their IDPs to the group and identify resources needed to achieve short-term and long-term goals. All students working in MGM labs are welcome to join the program. Our next meeting will be on September 23rd at 3pm in the Life Sciences second-floor conference room.

Dissertation Defenses

Christopher Doyle will defend his dissertation, "The role of TolC in the virulence of *Francisella tularensis*", on April 24, 2014 at 1:30 PM in Life Sciences room 038.

Esma Ucisik-Akkaya's dissertation defense will take place on April 28, 2014 in Life Sciences room 038 at 9:30 AM. The title of her dissertation is "Identification of sporulation-defective genes and a Rab-cascade model for the formation of the forespore membrane in *Schizosaccharomyces pombe*".

Incoming Students, Fall 2014

Natasha Medici, M.S. in Microbiology, Universidade Federal de Rio de Janeiro (Fulbright Scholarship)
Erika Orner, B.S. in Pathobiology, University of Connecticut Storrs

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

Postdoctoral Positions

Christopher Doyle has accepted a postdoctoral position in the laboratory of Dr. Liise-anne Pirofski, Professor of Medicine, Professor of Microbiology and Immunology, and Chief of the Division of Infectious Diseases at Albert Einstein School of Medicine - congratulations!!