

# Molecular Genetics & Microbiology Graduate Program Newsletter

Summer 2015 Vol. 8, No. 2



## 2015 Publications

**Chahales, P.**, and Thanassi, D.G. 2015. A more flexible lipoprotein sorting pathway. *Journal of Bacteriology* 197(10): 1702-1704.

Farnoud, A.M., **Bryan, A.M.**, Kechichian, T., Luberto, C., and Del Poeta, M. 2015. The granuloma response controlling cryptococcosis in mice depends on the SK1-S1P pathway. *Infection and Immunity* 83(7): 2705-2713.

**Minkah, N.**, Macaluso, M., Oldenburg, D.G., Paden, C.R., White, D.W., McBride, K.M., and Krug, L.T. 2015. Absence of the uracil DNA glycosylase of murine gammaherpesvirus 68 impairs replication and delays the establishment of latency in vivo. *Journal of Virology* 89(6): 3366-3379.

Sohn, S.Y., **Bridges, R.G.**, and Hearing, P. 2015. Proteomic analysis of ubiquitin-like posttranslational modifications induced by the adenovirus E4-ORF3 protein. *Journal of Virology* 89(3): 1744-1755.

Wang, E., Kawaoka, S., Roe, J.S., Shi, J., Hohmann, A.F., Xu, Y., **Bhagwat, A.S.**, Suzuki, Y., Kinney, J.B., and Vakoc, C.R. 2015. The transcriptional cofactor TRIM33 prevents apoptosis in Blymphoblastic leukemia by deactivating a single enhancer. *eLife* e06377.

**Werneburg, G.T.**, Henderson, N.S., Portnoy, E.B., Sarowar, S., Hultgren, S.J., Li, H., and Thanassi, D.G. 2015. The pilus usher controls protein interactions via domain masking and is functional as an oligomer. *Nature Structure and Molecular Biology*, in press.

## 2015 Conferences

**Bridges, R.** Identification of Ubiquitin-like Post-translational Modifications Induced by the Adenovirus E4-orf3 Protein. 115<sup>th</sup> General Meeting of the American Society for Microbiology. May 30 - June 2, 2015, New Orleans, LA.

**Chung, L.K.**, Schmidt, V.A., and Bliska, J.B. IQGAP1 is Important for the Secretion of IL-1 $\beta$  in Macrophages and is Targeted by *Yersinia pestis* Type III Effector YopM. Keystone Symposium on Innate Immunity and Determinants of Microbial Pathogenesis. April 19-24, 2015. Olympic Valley, CA.

## 2015 Conferences (continued)

**Espaillet, M.P.** Defining the Role of acid Ceramidase in Ulcerative Colitis and the Inflammatory Response. International Ceramide Conference Sphingolipid Club Joint Meeting. May 6 - 10, 2015. Cesme, Turkey.

**Minkah, N.K.**, Van Skike, N., Oldenburg, D.G., White, D.W., and Krug, L.T. Loss of the Gammaherpesvirus vFGAM ORF75A Tegument Protein Reduces Replication in Macrophages and is Deleterious to Latency Establishment *In Vivo*. 40th International Herpesvirus Workshop, Gammaherpesvirus Satellite Workshop. July 25 - 29, 2015. Boise, ID.

Minkah, N.K., **Van Skike, N.**, Oldenburg, D.G., White, D.W., and Krug, L.T. Loss of the Gammaherpesvirus vFGAM ORF75A Tegument Protein Reduces Replication in Macrophages and is Deleterious to Latency Establishment *In Vivo*. 40th International Herpesvirus Workshop, Gammaherpesvirus Satellite Workshop. July 25 - 29, 2015. Boise, ID.

## 2015 Awards

**Bridges, R.** 2015. Travel Award, \$500. *American Society for Microbiology*.

**Chung, L.** 2015. Distinguished Travel Award, \$1,500. Graduate Student Organization, Stony Brook University.

**Chung, L.** 2015. Ruth L. Kirschstein National Research Service Award for Individual Predoctoral Fellows (F31). National Institutes of Allergy and Infectious Diseases.

**Chung, L.** (2015). Travel Award, \$100. *Sigma Xi*.

## MGM Retreat - Save the Date!

The 37<sup>th</sup> annual retreat of the Department of Molecular Genetics and Microbiology will be held on Friday October 30, 2015 at the Port Jefferson Village Center.

## 2015 Graduations

Dr. Nana Minkah, PhD (Laurie Krug's laboratory) successfully defended his dissertation on June 25<sup>th</sup>; Nana is currently interviewing for postdoctoral positions and plans to begin his postdoctoral research in September.

Dr. Jason Tam, PhD (Adrianus van der Velden's laboratory); Jason has accepted a postdoctoral research position with Dr. Jenny Ting in the Lineberger Comprehensive Cancer Center at the University of North Carolina Chapel Hill.

## First-Year Students Join Labs

Natasha Medici has joined Maurizio Del Poeta's fungal pathogenesis group.

Erika Orner has joined the laboratory of Bettina Fries in the Department of Medicine (Division of Infectious Diseases).

## 2015 Incoming Class

Please welcome the following students to the MGM Program:

Aniska Chikhalya - B.S., Microbiology, California State University Long Beach; M.S., Microbiology, California State University Long Beach

Sergio Salamanca Gonzalez - B.S., Industrial Microbiology, Universidad de Santander Bucaramanga; M.S., Immunology, Long Island University

Ramon Perez - B.A., Biology, New York University