Tuesday, June 4, 2013

12:30 p.m. – 1:30 p.m.   Registration: Lobby of Life Sciences Building

1:30 p.m. – 1:45 p.m. Welcome and Opening Remarks, Berg Auditorium

1:45 p.m. – 5:15 p.m. Session 1: The Mucosa Under Attack
Session Chairs: Eric Harvill, Ed Dudley

1:45 p.m. – 2:25 p.m. * Influenza Disrupts Mucosal Antimicrobial Host Defense in Secondary Bacterial Pneumonia
John Alcorn, Children’s Hospital of Pittsburgh, UPMC

2:25 p.m. – 3:05 p.m. * The Innate Immune Response to Respiratory Virus Infection Enhances Pseudomonas aeruginosa Biofilm Growth on Airway Epithelial Cells
Jennifer Bomberger, University of Pittsburgh, School of Medicine

3:05 p.m. – 3:20 p.m. * Decreased Susceptibility to Citrobacter rodentium in Vitamin D Receptor-Deficient Mice
Jing Chen, The Pennsylvania State University

3:20 p.m. – 3:35 p.m. * The Effect of Caspase 1 on B. bronchiseptica Type VI Secretion System Mediated Virulence
Sarah Muse, The Pennsylvania State University

3:35 p.m. – 3:55 p.m. Break

3:55 p.m. – 4:35 p.m. * Preclinical Models to Study Mucosal Papillomavirus Infections
Neil Christensen, The Pennsylvania State University, College of Medicine

4:35 p.m. – 5:15 p.m. * Determinants for the Development of Successful Antiviral Immune Responses
Carolina López, University of Pennsylvania

5:15 p.m. – 6:30 p.m. Dinner on your own
6:30 p.m. – 9:00 p.m.  Poster Session and Concurrent Reception
*Willaman Gateway, Life Sciences Building

Wednesday, June 5, 2013

7:15 a.m. – 8:00 a.m.  Continental Breakfast, Lobby of Life Sciences Building

8:00 a.m. – 10:10 a.m.  Session 2: Immune Signaling Across the Mucosa
Session Chair: Joanne Viney

8:00 a.m. – 8:50 a.m.  Distinguished speaker
Th17 Cells in the Regulation of Lung Immunity
Jay K. Kolls, University of Pittsburgh School of Medicine

8:50 a.m. – 9:30 a.m.  Foxp3 Expression and Regulatory T Cell Development in Mature T Cells
JoAnne Viney, Biogen Idec

9:30 a.m. – 10:10 a.m.  Cross-Talk Between Muscularis Phagocytes and Enteric Nervous System Constitutively Regulates Gastrointestinal Motility
Milena Bogunovic, The Pennsylvania State University, College of Medicine

10:10 a.m. – 10:30 a.m.  Break

10:30 a.m. – 12:30 p.m.  Session 3: Epigenetic and Innate Signaling
Session Chair: Yanming Wang

10:30 a.m. – 11:10 a.m.  Role of Histone Citrullination in Reproduction and Disease
Scott Coonrod, Cornell University

11:10 a.m. – 11:50 a.m.  Chromatin Signaling in Netosis and Autophagy
Yanming Wang, The Pennsylvania State University

11:50 a.m. – 12:30 p.m.  Epigenetic Inheritance and Epigenetic Alterations in High Grade Pediatric Brain Tumors
Zhiguo Zhang, Mayo Clinic

12:30 p.m. – 1:30 p.m.  Lunch on your own

1:30 p.m. – 5:05 p.m.  Session 4: When Good Signaling Goes Bad
Chair: Avery August

1:30 p.m. – 2:20 p.m.  Distinguished speaker
The IL-13 Decoy Receptor Tightly Controls Pathogenic Th17 and Th2 Responses in the Mucosa
Thomas A. Wynn, National Institute of Allergy and Infectious Diseases
2:20 p.m. – 3:00 p.m.  Tuning Innate T Cell Populations and Lung Inflammation  
Avery August, Cornell University

3:00 p.m. – 3:15 p.m.  Inflammasome-Independent Interleukin-1β Required for Clearance of Bordetella Pertussis Infections and Generation of Whole-Cell Vaccine Immunity  
David Place, The Pennsylvania State University

3:15 p.m. – 3:30 p.m.  Break

3:30 p.m. – 3:45 p.m.  Intestinal Proliferation Controls Commensal Population Expansions in Adult Drosophila melanogaster  
Edan Foley, University of Alberta

3:45 p.m. – 4:25 p.m.  Early Life Viral Infection Targets T Regs Crippling Neonatal Tolerance  
Anuradha Ray, University of Pittsburgh

4:25 p.m. – 5:05 p.m.  Pulmonary Surfactant Regulation of Mucosal Immunity  
Zissis C. Chroneos, The Pennsylvania State University, College of Medicine

5:05 p.m. – 7:00 p.m.  Dinner on your own

*Location Change:  The Board Room, Nittany Lion Inn
7:00 p.m. – 8:15 p.m.  Keynote speaker  
Microbiota-Host Interactions in T Cell Homeostasis and Autoimmune Disease  
Dan Littman, New York University Langone Medical Center

8:15 p.m. – 9:30 p.m.  Reception: Assembly Room, Nittany Lion Inn  
Thursday, June 6, 2013

7:15 a.m. – 8:00 a.m.  Continental Breakfast, Lobby of Life Sciences Building

10:00 a.m. – 3:00 p.m.  Industrial Exhibits, sponsored by VWR  
*Willaman Gateway, Life Sciences Building

8:00 a.m. – 11:05 a.m.  Session 5: Sensing the Environment at the Mucosa  
Session Chair: Adam Glick

8:00 a.m. – 8:50 a.m.  Distinguished speaker  
Function of Tissue Resident Dendritic Cell Subsets  
Daniel Kaplan, University of Minnesota
8:50 a.m. – 9:30 a.m.  
Regulation of Allergen-Specific IgA and IL-17 Responses by Intestinal Epithelial Cell IKKβ Reshapes Allergic Inflammation at Distant Sites
Prosper Boyaka, The Ohio State University

9:30 a.m. – 9:45 a.m.  
CCR10 Regulates Maintenance and Function of Resident Regulatory and Effector T Cells in the Skin
Yaoyao Fu, The Pennsylvania State University

9:45 a.m. – 10:25 a.m.  
Vitamin D, the Microbiome and Immune Mediated Diseases
Margherita Cantorna, The Pennsylvania State University

10:25 a.m. – 11:05 a.m.  
Direct and Indirect Regulation of Mucosal T Cells by Retinoic Acid
Chang H. Kim, Purdue University College of Veterinary Medicine

11:05 a.m. – 11:20 a.m.  
Break

11:20 a.m. – 1:05 p.m.  
Session 6: Sensing Friends at a Hostile Border
Session Chair: Troy Ott

11:20 a.m. – 12:00 p.m.  
Tolerogenic Mediators and the Role of T-regulatory Cells in the Uterus
Surendra Sharma, Women and Infants Hospital of Rhode Island and Alpert Medical School of Brown University

12:00 p.m. – 12:15 p.m.  
The Death Effector Domain-Containing DEDD is Required for Uterine Decidualization and Female Fertility During Early Pregnancy
Mayumi Mori, The University of Tokyo

12:15 p.m. – 1:05 p.m.  
Distinguished speaker
Immunology of the Maternal-Fetal Interface
Adrian Erlebacher, New York University, School of Medicine, Langone Medical Center

1:05 p.m. – 1:15 p.m.  
Closing Remarks & Meeting Adjourned