# University of Pennsylvania Herpesvirus: Pathogenesis & Cancer Symposium

**Friday, June 7, 2019**

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| 8:00 AM| **REGISTRATION AND BREAKFAST**                                           |                                             | 8:25 AM | **Erin Robertson, PhD**, Vice Chair of Otorhinolaryngology- Head and Neck Surgery, Professor of Microbiology Perelman School of Medicine, University of Pennsylvania  
*Opening Remarks* |
| 8:30 AM| **MODERATOR**                                                            |                                             | 8:30 AM | **Sumita Bhaduri-McIntosh, MD, PhD**, Associate Professor, Pediatrics & Molecular Genetics and Microbiology, University of Florida  
*Diabetes-related Inflammassome Components Trigger the Replication switch of Epstein-Barr virus* |
| 9:00 AM| **MODERATOR**                                                            |                                             | 9:00 AM | **Claude Krummenacher, PhD**, Assistant Professor, Rowan University  
*Interaction between the HSV receptor nectin-1 and the natural killer cell receptor CD96* |
| 9:15 AM| **MODERATOR**                                                            |                                             | 9:15 AM | **Jason Lamontagne, PhD, P. Lieberman lab, The Wistar Institute**  
*Integrated analysis of EBV reprogramming of primary B cells* |
| 9:30 AM| **MODERATOR**                                                            |                                             | 9:30 AM | **Megan Lloyd, PhD, J. Moffat Lab, SUNY Upstate Medical University**  
*A novel human skin tissue model to study HCMV and evaluate antiviral drugs in vivo* |
| 9:45 AM| **MODERATOR**                                                            |                                             | 9:45 AM | **Joseph Dynas, PhD, M. Weitzman Lab, Children's Hospital of Philadelphia**  
*Quantitative proteomics reveals host protein targets of HSV ICP0-mediated ubiquitination* |
| 10:00 AM| **COFFEE BREAK**                                                         |                                             | 10:00 AM| **Hyun Jin Kwun, PhD**, Assistant Professor Dep, Penn Dental Medicine, University of Pennsylvania College of Medicine  
*Activation of KSHV vIL2-6 (ORF K2) and thymidine kinase (ORF21) by spliced XBP1: Implications for pathogenesis and therapy* |
| 10:30 AM| **MODERATOR**                                                            |                                             | 10:30 AM| **Lawrence S. Young, PhD, Pro-Dean, Warwick Medical School, Director of the Warwick Cancer Research Centre, University of Warwick, UK, Gertrude and Werner Hente Lectureship Keynote Speaker**  
*The role of Epstein-Barr virus in Nasopharyngeal Carcinoma: lessons in cancer pathogenesis and treatment* |
| 11:00 AM| **MODERATOR**                                                            |                                             | 11:00 AM| **Hui Jin Kwon, PhD, Assistant Professor Dept. of Microbiology and Immunology Penn State University College of Medicine**  
*Surface charge of Merkel cell polyomavirus small t antigen: a key determinant of cell transformation* |
| 11:45 AM| **MODERATOR**                                                            |                                             | 11:45 AM| **Robert Yarchoan, MD, Senior Investigator HIV and AIDS Malignancy Branch, National Cancer Institute**  
*Interaction between the HSV receptor nectin-1 and the natural killer cell receptor CD96* |
| 1:00 PM| **LUNCH**                                                               |                                             | 1:00 PM | **Robert P. Ricciardi, MA, PhD, Chair and Professor of Department of Microbiology, Penn Dental Medicine, University of Pennsylvania**  
*“Developing an Antiviral Stapled-Peptide to Treat Herpes Ocular Keratitis, the Leading Cause of Blindness in the World”* |
| 1:15 PM| **MODERATOR**                                                            |                                             | 1:15 PM | **Sean Lawler, PhD, Assistant Professor at Brigham and Women’s Hospital**  
*Cytomegalovirus promotes brain tumor growth via pericyte recruitment and angiogenesis* |
| 1:30 PM| **MODERATOR**                                                            |                                             | 1:30 PM | **Kai Wu, PhD, T. Shenk lab, Princeton University**  
*Friend or Foe? PDGF receptor alpha as a cellular receptor and an antagonist for human cytomegalovirus* |
| 1:45 PM| **MODERATOR**                                                            |                                             | 1:45 PM | **Kristal Lumi, Graduate Student, Ileana M Cristea Lab, Princeton University**  
*Interaction and Proteome Dynamics Uncover Antagonistic Relationship between Pathogen Sensing Factors cGAS and OASL* |
| 2:00 PM| **MODERATOR**                                                            |                                             | 2:00 PM | **Daniel Depedrie, PhD, Assistant Professor, New York University School of Medicine**  
*Deciphering complex herpesviral transcriptomes using direct RNA sequencing* |
| 2:45 PM| **AFTERNOON BREAK**                                                     |                                             | 2:45 PM | **Yan Yuan PhD, Professor, Department of Microbiology, Penn Dental Medicine, University of Pennsylvania**  
*KSHV Infection of Mesenchymal Stem Cells Leads to Kaposi’s sarcoma and Osteosarcoma* |
| 3:15 PM| **MODERATOR**                                                            |                                             | 3:15 PM | **Prabha Shresta PhD, Robert Yarchoan lab, NIH/NCI**  
*Mechanisms and functional aspects of the effects of pomalidomide and related drugs on herpesvirus-induced downregulation of surface markers* |
| 3:30 PM| **MODERATOR**                                                            |                                             | 3:30 PM | **Kevin Egan, PhD, Harvey M. Friedman lab, University of Pennsylvania**  
*An HSV-2 gC/gD/gE2 trivalent vaccine provides cross protection against high dose intravaginal HSV-1 challenge* |
| 4:00 PM| **MODERATOR**                                                            |                                             | 4:00 PM | **Kathryn Stein, PhD Candidate, Domenico Tortorella Lab, Icahn School of Medicine at Mount Sinai**  
*Discovery of CD46 as a cell-type cytomegalovirus entry factor* |
| 4:30 PM| **MODERATOR**                                                            |                                             | 4:30 PM | **Matthew Lam, PhD, Elizabeth White lab, University of Pennsylvania**  
*Regulation of IL-1-mediated inflammation by HPV oncoproteins* |
| 4:45 PM| **RECEPTION**                                                           |                                             | 4:45 PM | **Warwick Lawrence**  
**Opening Remarks** |