



Drs. Gertrude & Werner Henle

University of Pennsylvania

Herpesvirus: Pathogenesis & Cancer symposium

Friday, June 7, 2019

8:00 AM

REGISTRATION AND BREAKFAST

8:25 AM

Erle Robertson, PhD, Vice Chair of Otorhinolaryngology- Head and Neck Surgery, Professor of Microbiology Perelman School of Medicine, University of Pennsylvania
■ Opening Remarks

MODERATOR ■

■ Moderator of first session — Robert Yarchoan, MD, NIH/ National Cancer Institute

8:30 – 9:00 AM

Sumita Bhaduri-McIntosh, MD, PhD, Associate Professor, Pediatrics & Molecular Genetics and Microbiology, University of Florida
■ “Diabetes-related Inflammasome Components Trigger the Replication switch of Epstein-Barr virus”

9:00 – 9:15 AM

Claude Krummenacher, PhD, Assistant Professor, Rowan University
■ “Interaction between the HSV receptor nectin-1 and the natural killer cell receptor CD96”

9:15 – 9:30 AM

Jason Lamontagne, PhD, P. Lieberman lab, The Wistar Institute
■ “Integrated analysis of EBV reprogramming of primary B cells”

9:30 – 9:45 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 – 10:00 AM

Joseph Dybas, PhD, M. Weitzman Lab, Children’s Hospital of Philadelphia
■ “Quantitative proteomics reveals host protein targets of HSV ICP0-mediated ubiquitination”

10:00 – 10:30 AM

COFFEE BREAK

MODERATOR ■

■ Moderator of second session — Ileana M Cristea, PhD, Professor of Molecular Biology at Princeton University

10:30 – 11:30 AM

Lawrence S. Young, PhD, Pro-Dean, Warwick Medical School, Director of the Warwick Cancer Research Centre, University of Warwick, UK. Gertrude and Werner Henle Lectureship Keynote Speaker
■ “The role of Epstein-Barr virus in Nasopharyngeal Carcinoma: lessons in cancer pathogenesis and treatment”

11:30 – 11:45 AM

Hyun Jin Kwun, 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 – 12:00 AM

Robert Yarchoan, MD, Senior Investigator HIV and AIDS Malignancy Branch, National Cancer Institute
■ “Activation of KSHV vIL-6 (ORF K2) and thymidine kinase (ORF21) by spliced XBP-1: Implications for pathogenesis and therapy”

12:00 – 1:15 PM

LUNCH

MODERATOR ■

■ Moderator of third session — Paul Lieberman, PhD, Hilary Koprowski, M.D., Endowed Professor The Wistar Institute

1:15 – 1:45 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”

1:45 – 2:00 PM

Sean Lawler, PhD, Assistant Professor at Brigham and Women’s Hospital
■ “Cytomegalovirus promotes brain tumor growth via pericyte recruitment and angiogenesis”

2:00 – 2:15 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”

2:15 – 2:30 PM

Krystal Lum, Graduate Student, Ileana M Cristea Lab, Princeton University
■ “Interactome and Proteome Dynamics Uncover Antagonistic Relationship between Pathogen Sensing Factors cGAS and OASL”

2:30 – 2:45 PM

Daniel Depledge, PhD, Assistant Professor, New York University School of Medicine
■ “Deciphering complex herpesviral transcriptomes using direct RNA sequencing”

2:45 – 3:15 PM

AFTERNOON BREAK

MODERATOR ■

■ Moderator of final session — Laurie Krug, PhD, Associate Professor at Stony Brook University

3:15 – 3:45 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”

3:45 – 4:00 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”

4:00 – 4:15 PM

Kevin Egan, PhD, Harvey M. Friedman lab, University of Pennsylvania
■ “An HSV-2 gC2/gD2/gE2 trivalent vaccine provides cross protection against high dose intravaginal HSV-1 challenge”

4:15 – 4:30 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 – 4:45 PM

Matthew Lam, PhD, Elizabeth White lab, University of Pennsylvania
■ “Regulation of IL-1-mediated inflammation by HPV oncoproteins”

4:45 PM

RECEPTION



Perelman
School of Medicine
UNIVERSITY of PENNSYLVANIA

Penn
Microbiology

Penn
Dental Medicine



UNIVERSITY OF
PENNSYLVANIA
Abramson Cancer Center

Penn
Otorhinolaryngology

