



Drs. Gertrude & Werner Henle

Perelman School of Medicine

Herpesvirus: Pathogenesis & Cancer Symposium

Friday, June 3, 2022

8:00 AM REGISTRATION AND BREAKFAST

8:25 AM Erle Robertson Ph.D., Vice Chair of Otorhinolaryngology- Head and Neck Surgery, Professor of Microbiology Perelman School of Medicine, University of Pennsylvania

- Opening Remarks

MODERATOR ■ Clare Sample, PhD, Professor, Penn State College of Medicine / Moderator of first session

8:30 – 9:00 AM Dr Sumita Bhaduri-McIntosh, Associate Professor and Chief, Pediatric Infectious Disease, University of Florida
■ "EA-D Directs Traffic at the Intersection of Epstein-Barr Virus Transcription and Replication".

9:00 – 9:15 AM Dr. Lauren Hook, Research Assistant Professor, University of Pennsylvania
■ "Vaccine-induced antibodies to four distinct epitopes on gC2 correlate with protection from lethal HSV-2 challenge in mice".

9:15 – 9:30 AM Dr. Michael McIntosh, Associate Professor, University of Florida.
■ "The intrinsic K+ channel function of Epstein-Barr virus' Latent membrane protein-1".

9:30 – 9:45 AM Katelyn Cook, PhD Student, Princeton University, I. Cristea Lab.
■ "Human Viruses Rewire Membrane Contact Sites for Pro-Viral Organelle Remodeling".

9:45 – 10:00 AM Dr Jesse Arbuckle, NIH, NIAID
■ "Deletion of the Transcriptional Coactivator HCF-1 Suppresses HSV Reactivation from Latency in Vivo".

10:00 – 10:30 AM COFFEE BREAK

MODERATOR ■ Ethel Cesarman MD, PhD, Professor, Weill Cornell Medicine / Moderator of second session

10:30 – 11:30 AM Dr. Patrick S. Moore, MD, MPH Distinguished Professor, American Cancer Society Research Professor, Department of Microbiology and Medical Genetics at the University of Pittsburgh, PA ■ Gertrude and Werner Henle Lectureship Keynote Speaker
■ "Invisible viruses, latency and cancer"

11:30 – 11:45 AM Takano Tagawa, Postdoctoral fellow, National Cancer Institute
■ "Kaposi's sarcoma herpesvirus-induced circular RNAs control infection and cell growth".

11:45 – 12:00 PM Dr Laura Dunn, Postdoctoral Researcher, Cornell University
■ "Novel Transcription Initiation Regions Associated with CTCF Binding Sites on the EBV Genome are Involved in Early Reactivation Processes".

12:00 – 1:15 PM LUNCH

MODERATOR ■ Italo Tempera, PhD, Associate Professor, Gene Expression & Regulation Program, The Wistar Institute / Moderator of third session

1:15 – 1:45 PM Dr. Jennifer Moffat, Associate Professor, SUNY Upstate Medical University
■ "Varicella Zoster Virus Luciferase Reporter viruses for use in culture, skin, and SCID-Hu Mice for Antiviral Drug Discovery".

1:45 – 2:00 PM Dr. Yan Yuan, Professor, Department of Microbiology, University of Pennsylvania, Penn Dental
■ "KSHV-infection of mesenchymal stem cells leads to osteosarcoma-like tumor".

2:00 – 2:15 PM Kristina Atanasoff, PhD student, Icahn School of Medicine at Mount Sinai, NY
■ "Broadly-neutralizing anti-HCMV monoclonal antibodies effectively limit virus infection and dissemination."

2:15 – 2:30 PM Dr Angela Nalwoga, Postdoctoral Fellow, University of Colorado
■ "IFN-g responses to human gamma-herpesviruses in HIV-negative individuals from Uganda".

2:30 – 2:45 PM Maddie Martin, Graduate Student, Penn State College of Medicine
■ "Ironing out the details of HCMV infection".

2:45 – 3:15 PM AFTERNOON BREAK

MODERATOR ■ Nick Buchkovich, Associate Professor, Penn State College of Medicine / Moderator of final session

3:15 – 3:45 PM Dr Elizabeth White, Assistant Professor, University of Pennsylvania
■ "Mechanisms of human papillomavirus-mediated carcinogenesis".

3:45 – 4:00 PM Kasia Kulej, Matthew Weitzman Lab, CHOP
■ "Proteomics approaches to define the importance of post-translational modifications during HSV-1 infection".

4:00 – 4:15 PM Dr Yana Astter, Post-baccalaureate Research Fellow at Robert Yarchoan lab, NCI
■ "KSHV-encoded K5 is Cleaved by Caspases and Prevents Caspase-dependent Cell Death".

4:15 – 4:30 PM Joshua J. Walston, PhD Candidate, Clare Sample Lab, Penn State Hershey College of Medicine
■ "Differing Requirements of the EBV BDLF2/BMRF2 Glycoproteins during Infection of Epithelia".

4:39 – 4:45 PM June Yang, Graduate Student, University of Pennsylvania
■ "Determining the cellular factors regulating Merkel cell polyomavirus transcription".

4:45 PM RECEPTION



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