



Drs. Gertrude & Werner Henle

University of Pennsylvania Herpesvirus: Pathogenesis & Cancer symposium

Friday, June 1, 2018

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 ■

Laurie Krug, Ph.D., Associate Professor of Molecular Genetics and Microbiology, Stony Brook University
■ Moderator of first session

8:30 – 9:00 AM

Sita Awasthi, Ph.D., Research Associate Professor Infectious Disease Division, University of Pennsylvania
■ *"An mRNA based trivalent genital herpes vaccine: Sterilizing immunity as a real possibility"*

9:00 – 9:15 AM

David Davis, Staff Scientist, NCI/NIH
■ *"Pomalidomide Increases Immune Surface Markers in Herpesvirus-infected Cells and Increases NK Killing"*

9:15 – 9:30 AM

Qiwen Dong, Laurie Krug Lab, Stony Brook University
■ *"Coordinated loss of uracil excision and dUTP metabolism destabilizes the viral genome and impairs gammaherpesvirus pathogenesis in mice"*

9:30 – 9:45 AM

Jillian Carmichael, John W. Wills Lab, Penn State University College of Medicine
■ *"Closing the door on HSV-1 cell-to-cell spread"*

9:45 – 10:00 AM

Andrea Gardner, Ethel Cesarman Lab, Weill Cornell Medicine College
■ *"Nucleic Acid Amplification Testing for Diagnosis of Kaposi Sarcoma in Africa"*

10:00 – 10:30 AM

COFFEE BREAK

MODERATOR ■

Jianxin You Ph.D., Associate Professor of Microbiology, Perelman School of Medicine University of Pennsylvania
■ Moderator of second session

10:30 – 11:30 AM

Edward S Mocarski, Ph.D., Robert W. Woodruff Professor, Professor of Microbiology and Immunology, Emory School of Medicine
Gertrude and Werner Henle Lectureship Keynote Speaker
■ *"Alternative Cell Death Pathways in Antiviral Host Defense"*

11:30 – 11:45 AM

Anna Serquina, NIH/NCI, Joseph Ziegelbauer Lab, HIV and AIDS Malignancy Branch, National Cancer Institute
■ *"Viral microRNAs Inhibit the Cholesterol Biosynthesis Pathway and 25-hydroxycholesterol Inhibits KSHV and EBV Infections"*

11:45 – 12:00 AM

Nathan Krump, Jianxin You Lab, University of Pennsylvania
■ *"Dissecting the Inflammatory Response to Merkel Cell Polyomavirus Infection"*

12:00 – 1:15 PM

LUNCH

MODERATOR ■

Moriah Szpara Ph.D., Assistant Professor of Biochemistry & Molecular Biology, Penn State University
■ Moderator of third session

1:15 – 1:45 PM

Gary H. Cohen, Ph.D., Professor Department of Microbiology, University of Pennsylvania
■ *"An approach to antigenically "stealth" oncolytic herpes simplex viruses to the human immune system"*

1:45 – 2:00 PM

Christine King Ph.D., Assistant Professor of Microbiology & Immunology, SUNY Upstate Medical University
■ *"Cheap & Easy: Targeting the non-negotiable to improve KS therapy"*

2:00 – 2:15 PM

Maciej Nogalski Ph.D., Shenk Lab, Department of Molecular Biology, Princeton University
■ *"The Induction of a Tumor-Specific Endogenous Repetitive Element by Herpesviruses"*

2:15 – 2:30 PM

Colleen Mangold, Moriah L. Szpara Lab, Penn State University
■ *"Examination of changes in host gene transcription following HSV-1 infection of human neuronal-like cells"*

2:30 – 2:45 PM

Colleen Harrington, Andrei Thomas-Tikhonenko Lab, Children's Hospital of Philadelphia
■ *"Therapeutic Targeting of GSK3 in EBV-associated Myc-driven B-cell Malignancies"*

2:45 – 3:15 PM

AFTERNOON BREAK

MODERATOR ■

Ayman El-Guindy Ph.D., Associate Professor of Pediatrics, Yale University
■ Moderator of final session

3:15 – 3:45 PM

Elizabeth White Ph.D., Assistant Professor of Otorhinolaryngology: Head And Neck Surgery, University of Pennsylvania
■ *"High-risk HPV E7 degrades the tumor suppressor PTPN14 to limit keratinocyte differentiation"*

3:45 – 4:00 PM

Jinlin Li, Ayman El-Guindy Lab, Yale University
■ *"Phosphorylation regulates the function of the Epstein-Barr virus pre-initiation complex in transcription of late genes"*

4:00 – 4:15 PM

Rajnish Singh Ph.D., Robertson Lab, Perelman School of Medicine, University of Pennsylvania
■ *"Hypoxia-mediated metabolic reprogramming of KSHV infected B-cells"*

4:15 – 4:30 PM

Lisa Akhtar, Matthew D Weitzman Lab, Perelman School of Medicine, University of Pennsylvania
■ *"Neurovirulence determinants of neonatal HSV disease"*

4:30 – 4:45 PM

Xinlei Sheng, Ileana Cristea Lab, Princeton University
■ *"Dynamic orchestration of protein acetylation during HCMV infection"*

4:45 PM

RECEPTION



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