



Drs. Gertrude & Werner Henle

# Perelman School of Medicine Herpesvirus: Pathogenesis & Cancer symposium

Friday, June 2, 2023

8:00 AM	<b>REGISTRATION AND BREAKFAST</b>
8:25 AM	<ul style="list-style-type: none"> <li>Opening Remarks – Dr. Erle Robertson Ph.D., Vice Chair of Otorhinolaryngology, Professor of Microbiology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA</li> </ul>
First Session	Dr. Jianxin You, PhD, Associate Professor of Microbiology, University of Pennsylvania, Philadelphia, PA ■ Moderator of first session
8:30 – 9:00 AM	<ul style="list-style-type: none"> <li>Dr. Jia Zhu, Ph.D., Associate Professor, Fred Hutch Cancer Center, Seattle, WA</li> <li>■ <i>“Innate and adaptive immune compartmentalization during ulcer-forming human HSV-2 reactivation”.</i></li> </ul>
9:00 – 9:12 AM	<ul style="list-style-type: none"> <li>Dr. Bo Zhao, PhD, Associate Professor, Department of Medicine, Brigham and Women's Hospital, Boston, MA</li> <li>■ <i>“Epstein-Barr virus nuclear antigen leader protein manipulates YY1 to alter host 3D genome organization and promote B cell proliferation”.</i></li> </ul>
9:12 – 9:24 AM	<ul style="list-style-type: none"> <li>Dr. Ayman Elguindy, PhD, Chief Scientific Officer, Viracta Therapeutics, Cardiff, CA</li> <li>■ <i>“Targeting Epstein-Barr virus-associated malignancies using “Kick and Kill”.</i></li> </ul>
9:24 – 9:36 AM	<ul style="list-style-type: none"> <li>Dr. Samantha Soldan, Sr. Staff Scientist, Paul Lieberman Lab, The Wistar Institute, Philadelphia, PA</li> <li>■ <i>“Unstable EBV latency drives inflammation in multiple sclerosis patient derived spontaneous B cells”.</i></li> </ul>
9:36 – 9:48 AM	<ul style="list-style-type: none"> <li>Wei Bu, Staff scientist, Jeffrey Cohen Lab, NIAID, NIH, Bethesda, MD</li> <li>■ <i>“Mapping an Antigenic Site of Vulnerability on Epstein-Barr Virus Glycoprotein 42”.</i></li> </ul>
9:48 – 10:00 AM	<ul style="list-style-type: none"> <li>Dr. Montserrat Aguilar-Hernandez, Postdoctoral fellow, Ethel Cesarman Lab, Weill Cornell Medicine, New York, NY</li> <li>■ <i>“Molecular landscape of EBV-associated lymphomas from people living with human immunodeficiency virus”.</i></li> </ul>
10:00 – 10:25 AM	<b>COFFEE BREAK</b>
Second Session	Dr. Douglas R. Lowy, M.D., NIH Distinguished Investigator of Laboratory of Cellular Oncology, NCI Principal Deputy Director, Bethesda, MD. Gertrude and Werner Henle Lectureship Keynote Speaker
10:30 – 11:30 AM	<ul style="list-style-type: none"> <li>■ <i>“How Mechanism has Informed Prevention and Screening for HPV-associated Cancers.”</i></li> </ul>
Moderator	Dr. Harvey Freedman, MD, Professor of Medicine, University of Pennsylvania, Philadelphia, PA ■ Moderator of second session
11:30 – 11:42 AM	<ul style="list-style-type: none"> <li>Dr. Kai Wu, Associate Director, Moderna, Cambridge, MA</li> <li>■ <i>“Humoral and Cellular Immunological Responses to a mRNA-based Cytomegalovirus Vaccine in Healthy Adults in a Phase 1, Randomized, Clinical Trial”.</i></li> </ul>
11:42 – 11:54 AM	<ul style="list-style-type: none"> <li>Dr. Sarah Dremel, Postdoctoral fellow, Joseph Ziegelbauer Lab, NCI, Bethesda, MD</li> <li>■ <i>“Regulation of host circular RNAs during alpha-, beta-, and gamma-herpesvirus infection”.</i></li> </ul>
11:54 – 12:06 PM	<ul style="list-style-type: none"> <li>Dr. Yan Yuan, Professor, Departments of Basic &amp; Translational Sciences and Otorhinolaryngology, University of Pennsylvania, Philadelphia, PA</li> <li>■ <i>“KSHV Infection of Mesenchymal Stem Cell Leads to Kaposi's Sarcoma”.</i></li> </ul>
12:10 – 1:25 PM	<b>LUNCH</b>
Third Session	Dr. Joseph Ziegelbauer, PhD, Deputy Chief, HIV and AIDS Malignancy Branch, Bethesda, MD ■ Moderator of third session
1:30 – 2:00 PM	<ul style="list-style-type: none"> <li>Dr. Italo Tempera, Associate Professor, The Wistar Institute, Philadelphia, PA</li> <li>■ <i>“Changes in NAD Metabolism Regulate EBV Latency Through the Epigenetic Reprogramming of the Viral Genome”.</i></li> </ul>
2:00 – 2:12 PM	<ul style="list-style-type: none"> <li>Dr. Ashwin Nair, Postdoctoral fellow, Robert Yarchoan Lab, NCI, NIH, Bethesda, MD</li> <li>■ <i>“An Sp Element Contributes to the Unexpectedly High Expression of the KSHV Lytic Gene ORF75 in Kaposi's Sarcoma Lesions”.</i></li> </ul>
2:12 – 2:24 PM	<ul style="list-style-type: none"> <li>Dr. Kevin Egan, Senior Research Investigator, Harvey Friedman Lab, University of Pennsylvania, Philadelphia, PA</li> <li>■ <i>“Trivalent HSV-1 and HSV-2 mRNA vaccines provide similar protection against high-dose HSV-1 infection in mice”.</i></li> </ul>
2:24 – 2:36 PM	<ul style="list-style-type: none"> <li>Dr. Rinki Kumar, Postdoctoral Fellow, Nick Buchkovich Lab, Penn State College of Medicine, Hershey, PA</li> <li>■ <i>“The HCMV tegument protein UL88 promotes MyD88 protein degradation”.</i></li> </ul>
2:36 – 2:48 PM	<ul style="list-style-type: none"> <li>Rebecca Grande, PhD Candidate, Ian Mohr &amp; Angus Wilson Lab, New York University School of Medicine, New York, NY</li> <li>■ <i>“Reorganizing host RNA modification factors required for robust HCMV gene expression into transcription-dependent, subnuclear domains”.</i></li> </ul>
2:48 – 3:00 PM	<ul style="list-style-type: none"> <li>Dr. Claire Birkenheuer, Postdoctoral Researcher, Cornell University, Ithaca, NY</li> <li>■ <i>“RNA polymerase promoter proximal pausing regulates transcription in a model of HSV-1 latency”.</i></li> </ul>
3:00 – 3:25 PM	<b>AFTERNOON BREAK</b>
Final Session	Dr. Angus Wilson, PhD, Associate Professor, Department of Microbiology, NYU School of Medicine, NY ■ Moderator of final session
3:30 – 4:00 PM	<ul style="list-style-type: none"> <li>Dr. Laurie Krug, Stadtman Investigator, National Cancer Institute, Bethesda, MD</li> <li>■ <i>“Kaposi sarcoma patient-derived xenografts as a preclinical model for evaluation of novel therapeutic strategies”.</i></li> </ul>
4:00 – 4:12 PM	<ul style="list-style-type: none"> <li>Dr. Namrata Kumar, Postdoctoral fellow, Matthew Weitzman Lab, CHOP, Philadelphia, PA</li> <li>■ <i>“Herpes simplex virus manipulates host DNA repair pathways for productive infection”.</i></li> </ul>
4:12 – 4:24 PM	<ul style="list-style-type: none"> <li>Chloe Cavanaugh, MD/PhD Candidate, Daniel Notterman Lab, Princeton University, Princeton, NJ</li> <li>■ <i>“Mechanism and Therapeutic Implication of Host Telomerase Modulation by Human Cytomegalovirus”.</i></li> </ul>
4:24 – 4:36 PM	<ul style="list-style-type: none"> <li>Dawei Liu, PhD Candidate, Ileana Cristea Lab, Princeton University, Princeton, NJ</li> <li>■ <i>“IFI16 phase separation via multi-phosphorylation drives innate immune signaling”.</i></li> </ul>
4:36 – 4:48 PM	<ul style="list-style-type: none"> <li>Taylor Senay, PhD Candidate, Jianxin You Lab, University of Pennsylvania, Philadelphia, PA</li> <li>■ <i>“Determining the Mechanisms of Merkel Cell Polyomavirus Host Immune Modulation”.</i></li> </ul>
4:48 – 5:00 PM	<ul style="list-style-type: none"> <li>Sarah Dweikat, MCIBS Candidate, Moriah Szpara lab, Pennsylvania State University, University Park, PA</li> <li>■ <i>“Investigating viral attenuation of herpes simplex virus 1 strains isolated from adults and neonates based on a multi-parameter approach”.</i></li> </ul>
5:00 PM	<b>RECEPTION</b>



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