**Perelman School of Medicine**

**Herpesvirus: Pathogenesis & Cancer Symposium**

**Friday, June 7, 2024**

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**8:00 AM**

REGISTRATION AND BREAKFAST

**8:25 AM**

Dr. Erle Robertson Ph.D., Vice Chair of Otorhinolaryngology- Head and Neck Surgery, Professor of Microbiology Perelman School of Medicine, University of Pennsylvania, PA
- Opening Remarks

**MODERATOR ▶**

Dr. Harvey Friedman, MD, Professor, University of Pennsylvania, Philadelphia, PA
- Moderator of first session

**8:30 – 9:00 AM**

Dr. Sumith Bhaduri-McIntosh, M.D., Ph.D., Professor, Dept. of Pediatrics, University of Florida, FL
- “A selective HDAC3 and HDAC8 PROTAC as a novel oncolytic approach for EBV-cancers”.

**9:00 – 9:20 AM**

Dr. Tauseef Butt, PhD, President, Progena Inc, Malvern, PA
- “Enhancing HSV-2 target protein expression by SUMO-fusion at the mRNA level”.

**9:20 – 9:40 AM**

Dr. Sita Awasthi, Associate Professor Research, University of Pennsylvania, PA
- “mRNA encoding HSV mono and bispecific antibodies for mitigation of herpes virus associated diseases”.

**9:40 – 10:00 AM**

Dr. Anna Grosskopf, PhD, Postdoctoral Visiting Fellow, Dr. Laurie Krug Lab, HIV & AIDS Malignancy Branch NCI, Bethesda, MD
- “Eph receptor tyrosine kinases are functional entry receptors for the murine gammaherpesvirus 58”.

**10:00 – 10:30 AM**

COFFEE BREAK

**MODERATOR ▶**

Dr. Laurie Krug, PhD, Stadtman Investigator, National Cancer Institute, Bethesda, MD
- Moderator of second session

**10:30 – 11:30 AM**

Dr. Robert Yarchoan, MD, Chief, HIV and AIDS Malignancy Branch, CCR, NCI, Bethesda MD and Director, Office of HIV and AIDS Malignancy, NCI.
- Gertrude and Werner Henle Lectureship Keynote Speaker
- “KSHV-Associated Diseases: Insights on Pathogenesis and Novel Approaches to Treatment”.

**11:30 – 11:50 AM**

Dr. Paula Krosky, Director, Merck, West Point, PA.
- “Broad spectrum inhibitors of herpesvirus replication”.

**11:50 – 12:10 AM**

Dr. Dipayan Bose, PhD, Research Associate, Dr. Erle Robertson Lab, University of Pennsylvania, Philadelphia, PA
- “Differential IFN signaling due to altered M6A modification in host epitranscriptome during lytic EBV infection”.

**12:10 – 1:30 PM**

LUNCH

**MODERATOR ▶**

Dr. Jianxin You, Professor, University of Pennsylvania, Philadelphia, PA
- Moderator of third session

**1:30 – 2:00 PM**

Dr. Joe Ziegelbauer, PhD, Senior Investigator, National Cancer Institute, Bethesda, MD
- “Spontaneous Transcriptomics of Patients with Kaposi Sarcoma Identifies Mechanisms of Immune Evasion”.

**2:00 – 2:20 PM**

Dr. Michael McIntosh, PhD, Associate Professor, Department of Pediatrics, University of Florida, FL.
- “Genomic Analysis of Synthetic Lethal Sensitive and Resistant Cell Lines Derived from EBV+ and EBV- Diffuse Large B-cell Lymphomas”.

**2:20 – 2:40 PM**

Ms. Samantha Sustek, PhD Candidate, Paul Lieberman Lab, Wistar Institute, Philadelphia, PA
- “Cryo-EM studies of EBNA1 in complex with human telomeric factors TRF2/hRAP1 at the EBV oriP”.

**2:40 – 3:00 PM**

Dr. Malay Kumar Sannigrahi, Postdoctoral Fellow, Dr. Dev Basu Lab, University of Pennsylvania, Philadelphia, PA
- “Variation in HPV E6-mediated repression of the PGC-1α/ERRα axis determines oropharyngeal cancer treatment responses and defines new therapeutic targets”.

**3:00 – 3:30 PM**

AFTERNOON BREAK

**MODERATOR ▶**

Dr. Yannming Du, PhD, Professor, Baruch S. Blumberg Institute, Doylestown, PA
- Moderator of final session

**3:30 – 4:00 PM**

Dr. Ahmed Diab, PhD, University of Pennsylvania, Philadelphia, PA
- “WEE1 inhibition triggers tumor microenvironment-dependent antitumor immunity against HPV+ HNSCC tumors”.

**4:00 – 4:20 PM**

Ms. Ameera Mungale, PhD Candidate, Joseph M. Ziegelbauer Lab National Cancer Institute, Bethesda, MD
- “Vascular endothelial growth factor receptor 3 (VEGFR3/FLT4) regulates the KSHV replication cycle”.

**4:20 – 4:40 PM**

Ms. Taylor Senay, PhD Candidate, Dr. Jianxin You Lab, University of Pennsylvania, Philadelphia, PA
- “Merkel cell polyomavirus protein ALTO modulates TBK1 activity to support persistent infection”.

**4:40 – 5:00 PM**

Dr. Anuj Ahuja, Postdoctoral Fellow, Dr. Ethel Cesarman Lab, Weill Cornell Medical College, New York, NY
- “Targeting HERV-K by ART drugs for the treatment of Primary Effusion Lymphoma”.

**5:00 PM**

RECEPTION