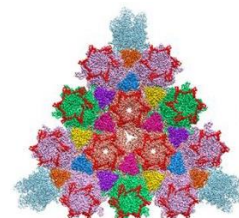


University of Pittsburgh Medical Center Hillman Cancer Center Viral Oncology Symposium



*Celebrating the 25-year anniversary of the discovery of
Kaposi's sarcoma-associated herpesvirus*

CANCER VIROLOGY PROGRAM (CVP) SYMPOSIUM

Monday, April 15, 2019

Herberman Conference Center, UPMC Shadyside, Pittsburgh PA

8:00 am – 5:00 pm

Presented by UPMC Hillman Cancer Center and the University of Pittsburgh Medical Center

Symposium Goals/Purposes:

This Symposium is designed to provide state-of-the-art information on the etiologies, mechanisms of oncogenesis and molecular biology of cancer viruses, as well as clinical associated viral cancers, and current detection and treatments including immunotherapy and virus-mediated oncolytic therapy to audience of academic and private physicians and basic scientists.

Target Audience:

Local, national and international academic and private physicians and basic scientists as well as other appropriate health care professionals. Participants can earn Continuing Medical Education (CME) Credit.

Symposium location:

Herberman Conference Center, Hillman Cancer Center, University of Pittsburgh Medical Center, 5115 Centre Avenue, Pittsburgh, Pennsylvania, 15213

Symposium time:

8 am – 5 pm, April 15th, 2019

Fee and Registration:

Registration is free but is required for attending the symposium. Breakfast, lunch and coffee will be provided.

Maximum participants are 200, and will be determined at a first come first serve basis. Deadline for registration is April 1st, 2019. Please register at:

Organization committee:

Yuan Chang
Robert Ferris
Shou-Jiang Gao
Nara Lee
Patrick Moore
Zhaoxia Qu
Saumendra Sarkar
Kathy Shair
Masashiro Shuda
Gutian Xiao

Sponsor:

Hillman Cancer Center Cancer Virology Program

Contact:

Dr. Shou-Jiang (SJ) Gao at: gaos8@upmc.edu
Olivia Bennett at bennetto@upmc.edu

Registration

Register by visiting the Center for Continuing Education in Health Sciences website at:

<https://ccehs.upmc.com/home.jsf>

Select "Upcoming Events". Click on the appropriate event to begin registration.

Registration deadline: Monday, April 8, 2019.

Cancellations

All cancellations must be made in writing and emailed to Brittni Prosdocimo at bittnerb@upmc.edu. Cancellations made on or before April 8, 2019 will be refunded. No refunds will be given for cancellations made after April 8, 2019

Course Handouts:

Presentations will **not** be printed. A copy of presentation slides can be accessed via OneDrive (UPMC employees) or Box (non-UPMC employees). Instructions on how to access program slides will be emailed to the email address that was provided during online registration.

Parking:

Parking is available in the Medical Center Garage on Centre Avenue. Parking is at your own expense. Validation at registration will allow for a reduced rate of \$8.

The Americans with Disabilities Act Information:

Participation by all individuals is encouraged. Advanced notification of any special needs will help us provide better service. Please notify Brittni Prosdocimo of your needs at least two weeks in advance of the program by calling 412-623-3671 or emailing bittnerb@upmc.edu.

The University of Pittsburgh is an affirmative action, equal opportunity institution

Continuing Education

CME Accreditation:

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 0.7 continuing education units (CEU's) which are equal to 7.0 contact hours.

Symposium Program:

- 7:30-8:00 Registration and Breakfast
- 8:00-8:05 Opening, Shou-Jiang Gao, PhD, Director, Cancer Virology Program, UPMC Hillman Cancer Center
- 8:05-8:15 Robert Ferris, MD, PhD, Director, UPMC Hillman Cancer Center, Associate Vice Chancellor for Cancer Research, University of Pittsburgh
- 8:15-8:30 Arthur S. Levine, MD, Senior Vice Chancellor for the Health Sciences and the John and Gertrude Petersen Dean of Medicine, University of Pittsburgh
"Welcome Speech, Early Work on SV40 and Other Cancer Viruses"

Section 1: RNA biology in virus infection. Section Chair: Kathy Shair, PhD

- 8:30-9:00 Bryan R. Cullen, PhD, DSc, James B. Duke Professor, Founding Director, Center for Virology, Duke University School of Medicine
"Epitranscriptomic regulation of HIV-1 replication and gene expression"
- 9:00-9:20 Nara Lee, PhD, Assistant Professor, Department of Microbiology and Molecular Genetics, University of Pittsburgh School of Medicine
"Why Epstein-Barr virus needs noncoding RNAs to persist?"
- 9:20-9:50 Erik K. Flemington, PhD, Zimmerman Professor of Cancer Research, Program Leader of the Cancer Genetics Program, and Director of Cancer Crusaders Next Generation Sequence Analysis Core, Tulane Cancer Center
"EBV circRNAs in virus biology and disease"

9:50-10:05 Break

Section 2: EBV, KSHV, lymphomas and oncolytic therapy. Chair: Nara Lee, PhD

- 10:05-10:35 Richard F. Ambinder, MD, James B. Murphy Professor, Director, Division of Hematologic Malignancies, Johns Hopkins Sidney Kimmel Comprehensive Cancer Center
"EBV-associated lymphomas"
- 10:35-10:55 Kathy Shair, PhD, Assistant Professor, UPMC Hillman Cancer Center
"Elucidating the significance of EBV infection in nasopharyngeal carcinoma"
- 10:55-11:15 Zhaoxia Qu, PhD, Assistant Professor, UPMC Hillman Cancer Center
"Gene therapy"
- 11:15-11:45 Joseph C. Glorioso III, PhD, Professor, Department of Microbiology and Molecular Genetics, University of Pittsburgh School of Medicine
"Treatment of glioma using tumor targeted oncolytic HSV armed with immunomodulatory genes"

11:45-1:00 Lunch

Section 3: Celebrating the 25th years anniversary of the discovery of Kaposi's sarcoma-associated herpesvirus, Chair: Shou-Jiang (SJ) Gao, PhD

- 1:00-1:30 Patrick S. Moore, MD, MPH, American Cancer Society Professor and University of Pittsburgh Distinguished Professor, UPMC Hillman Cancer Center
"New methods--and old methods applied in new ways--to find human cancer viruses"

Section 4: KSHV, Innate immunity and cancer. Chair: Masashiro Shuda, PhD

- 1:30-2:00 Jae U Jung, PhD, Fletcher Jones Foundation Professor, Hastings Foundation Professor, Chair of Department of Molecular Microbiology and Immunology, Director of USC Institute of Emerging Pathogens, University of Southern California

"Innate immune responses in KSHV infection"

2:00-2:30 Pinghui Feng, PhD, Professor of Microbiology and Immunology, and Chair of the Section of Infection and Immunity, Herman Ostrow School of Dentistry of University of Southern California
"Antiviral activity of a purine synthesis enzyme reveals a key role of deamidation in regulating protein nuclear import"

2:30-2:50 Saumendra Sarkar, PhD, Associate Professor, UPMC Hillman Cancer Center
"OASL inhibition of cGAS during DNA virus infection"

2:50-3:05 Break

Section 5: HPV and polyomavirus. Chair: Saumendra Sarkar, PhD

3:05-3:35 Anna R. Giuliano, Ph.D., Senior Member, Founding Director, Center for Infection Research in Cancer (CIRC), Moffitt Cancer Center
"HPV and head and neck cancer"

3:35-4:05 Paul F. Lambert, PhD, Howard M. Temin Professor and Chair of Oncology, Director-McArdle Laboratory for Cancer Research, Virology Program Leader-University of Wisconsin Carbone Cancer Center
"HPV induced cancer models"

4:05-4:25 Masashiro Shuda, PhD, Assistant Professor, UPMC Hillman Cancer Center
"Reversion of a sox2-dependent cancer cell phenotype to a differentiated neuron-like phenotype by inhibition of a viral oncoprotein in human Merkel cell carcinoma"

4:25-4:55 Robert Ferris, MD, PhD, Director, Hillman Cancer Center, Associate Vice Chancellor for Cancer Research, University of Pittsburgh
"Head and neck cancer immunotherapy"

4:55 Closing ceremony