



**27th International Workshop on Kaposi's Sarcoma
Herpesvirus (KSHV) & Related Agents**

June 29 - July 2, 2025

Portofino Hotel & Marina, Redondo Beach, California USA

FINAL PROGRAM

(as of May 14, 2025)

WWW.KSVIRUS.ORG

KSHV 2025 Trainee Abstract Award Winners

On behalf of the KAPOSÍ'S SARCOMA HERPESVIRUS (KSHV) AND RELATED AGENTS ASSOCIATION, we congratulate the following trainees (graduate students, postdocs and pre-doctoral study technicians working in academic or government labs):

- Zakayo Ernesti
- Jonna Espera
- James E Glassbrook
- Kurtis Host
- Tomoki Inagaki
- Shutong Li
- Qian Li
- Pankaj Kumar
Madheshiya
- Sara Makanani
- Uwesu Muki
- Mulumeoderhwa Pierrot
- Ashwin Nair
- Tiffany Nelson
- Filipa Prata-Silva
- Esther Rodriguez
- Juan Carlos Silva
- Iyabode Tihamiyu
- Krista Tuohinto
- Paula Valiño Ramos
- Maria White
- Dicle Yalcin
- Wayne Yeh
- Caroline Yu

SUNDAY, JUNE 29, 2025

Onsite Registration & Badge Pickup

14:00 - 19:00 Sunday, 29th June, 2025

Bayside & Pacific Ballroom Foyer

Welcome & Introductions, Trainee Award Winners 🏆

17:00 - 17:30 Sunday, 29th June, 2025

Bayside Ballroom

Session 1: Epidemiology& Immunity

17:30 - 19:00 Sunday, 29th June, 2025


Bayside Ballroom

17:30 - 17:45 **1.1 Characterization of Kaposi Sarcoma Herpesvirus in an Anaplastic Variant of Gastrointestinal KS, Elena M. Cornejo Castro**, Viral Oncology Section, AIDS and Cancer Virus Program, Frederick National Laboratory for Cancer Research, Frederick, USA

17:45 - 18:00 **1.2 Association between Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection and Kaposi's Sarcoma-associated Herpesvirus (KSHV) Reactivation, Shahrin Akter Mim**, Department of Environmental and Public Health Sciences, University of Cincinnati, Cincinnati, Ohio, USA

18:00 - 18:15 **1.3 The Burden and Clinical Outcomes of Kaposi Sarcoma Among Elderly Individuals in Tanzania, 🏆 Uwesu Muki**, Department of Internal Medicine, Muhimbili University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania

18:15 - 18:30 **1.4 Cytotoxic T-cells Recognizing Lytic KSHV Gene Products Infiltrate Kaposi Sarcoma Tumors, 🏆 Iyabode Tiamiyu**, Fred Hutchinson Cancer Center, Seattle, USA. University of Washington, Seattle, USA

18:30 - 18:45 **1.5 VRK3 Promotes KSHV Infection by Suppressing the Antiviral Interferon Response,  Caroline Yu**, University of North Carolina at Chapel Hill, Chapel Hill, USA

18:45 - 19:00 **1.6 Distinct Roles of CTP Synthetase 1 in KSHV de novo Infection and Reactivation, Pinghui Feng**, Section of Infection and Immunity, Herman Ostrow School of Dentistry, Norris Comprehensive Cancer Center, University of Southern California, Los Angeles, USA

Welcome Reception

19:00 - 21:00 Sunday, 29th June, 2025

BALEENKitchen & Outdoor Patio across from the Hotel's main entrance

Join us in the BALEENKitchen & Outdoor Patio for the Welcome Reception, please pickup your badge first at the Bayside/Pacific Ballroom Foyer Registration Desk before 7:00 PM.

MONDAY, JUNE 30, 2025

Continental Breakfast


08:00 - 09:00 Monday, 30th June, 2025
Bayside Atrium/Seaside Lawn

Session 2: Viral Pathogenesis (I)

09:00 - 10:30 Monday, 30th June, 2025
Bayside Ballroom

09:00 - 09:15 **2.1 SWI/SNF Chromatin Remodeling Complexes Drive Addition to Nitrogen Metabolic Pathways in KSHV-Induced Cellular Transformation, Suet Kee Loo**, Cancer Virology Program, UPMC Hillman Cancer Center, Pittsburgh, USA. Department of Microbiology and Molecular Genetics, University of Pittsburgh School of Medicine, Pittsburgh, USA

09:15 - 09:30 **2.2 The Kaposi sarcoma herpesvirus (KSHV) genome, devoid of the essential immediate early transactivator RTA/ORF50, induces angiosarcoma in transgenic mice, Dirk Dittmer**, U. North Carolina at Chapel Hill, Chapel Hill, USA

09:30 - 09:45 **2.3 Sp1-Driven ORF75 Expression During Latency and ORF75 SUMOylation is Essential for KSHV Pathogenesis,  Ashwin Nair**, National Cancer Institute, Bethesda, USA

09:45 - 10:00 **2.4 A Xenograft Animal Model Revealed the Role of KSHV in Osteosarcoma oncogenesis and Tumor Microenvironment Establishment, Yan Yuan**, Shandong University, Jinan, China

10:00 - 10:15 **2.5 Role of NEK2 in Gamma Herpesvirus Induced Oncogenesis, Dipayan Bose**, University of Pennsylvania, Philadelphia, USA

10:15 - 10:30 **2.6 A Spatial Single-Cell Atlas of Kaposi's Sarcoma: Insights into KSHV Tropism, Tumor Cell Origins, and Cellular Reprogramming in Tumor Progression, Angiogenesis, and Immune Evasion, Wen Meng**, University of Pittsburgh, Pittsburgh, USA


Coffee Break

10:30 - 11:00 Monday, 30th June, 2025
Bayside Atrium/Seaside Lawn


Session 3: Vaccine & Therapeutics (I)

11:00 - 12:30 Monday, 30th June, 2025
Bayside Ballroom

11:00 - 11:15 **3.1 Design, Development, and Evaluation of Gene Therapeutic Specific to KSHV-Associated Diseases,  Jonna Espera**, UC Davis, Sacramento, USA

11:15 - 11:30 **3.2 A Multivalent MVA-KSHV Vaccine Elicits Robust Neutralizing Antibody Response in BALB/c Mice and Common Marmosets,**  **Esther Rodriguez**, Irell & Manella Graduate School of Biological Sciences of City of Hope. Department of Immuno-Oncology, Beckman Research Institute of City of Hope, Duarte, USA

11:30 - 11:45 **3.3 Generation of RRV Chimeras Encoding KSHV gB, gH, gL, and K8.1 as Tools for the Analysis of KSHV Envelope Glycoprotein Function in an NHP Infection Model,** **Ryan Estep**, Vaccine and Gene Therapy Institute, Oregon Health & Science University, Beaverton, USA

11:45 - 12:00 **3.4 Inhibition of NEK2 Promotes Chemosensitivity and Reduces KSHV-positive Primary Effusion Lymphoma Burden,**  **Maria White**, The University of North Carolina at Chapel Hill, Chapel Hill, USA

12:00 - 12:15 **3.5 Targeting the Latency Associated Nuclear Antigen (LANA) of KSHV Using a Proteolysis Driven Strategy,** **Sarah McMahon**, University of Florida, Gainesville, USA

12:15 - 12:30 **3.6 Novel Cereblon-binding Immunomodulators Suppress the Oncoprotein Survivin in Primary Effusion Lymphoma and Burkitt Lymphoma Cells,** **Prabha Shrestha**, CCR, NCI,NIH, Bethesda, USA

Group Lunch at the Riviera Mexican Cantina (next to the Portofino Conference Center)

12:30 - 14:30 Monday, 30th June, 2025

Session 4: Viral-Host Interaction (I)

14:30 - 16:00 Monday, 30th June, 2025

Bayside Ballroom

14:30 - 14:45 **4.1 Nuclear Speckles Repress KSHV Lytic Gene Expression,** **Sherzod Tokamov**, University of California, Berkeley, USA

14:45 - 15:00 **4.2 Methyl-CpG-Binding Protein 2 as a Key Player in Kaposi's Sarcoma-Associated Herpesvirus Latency, Ankita Awase**, Daniella Lee Casper Laboratory in Viral Oncology, Azrieli Faculty of Medicine Bar-Ilan University, Safed, Israel

15:00 - 15:15 **4.3 Viral hijacks NDPK to control mitochondrial dynamics, immunity, and viral morphogenesis, Chengyu Liang**, The Wistar Institute, Philadelphia, USA

15:15 - 15:30 **4.4 MHV68 Infection Reveals Two Transcriptionally Divergent Subsets of Peritoneal Macrophages, Eric Clambey**, University of Colorado Anschutz Medical Campus, Aurora, USA

15:30 - 15:45 **4.5 Deciphering KSHV Susceptibility in Tonsillar Lymphocytes: Immune and Viral Contributions, Feryal Aalam**, Chapman University, Irvine, USA

15:45 - 16:00 **4.6 Characterization of Terminal Repeats as Inducible Gene Enhancer, 🏆Tomoki Inagaki**, University of California, Davis, Sacramento, USA

Coffee Break

16:00 - 16:30 Monday, 30th June, 2025
Bayside Atrium/Seaside Lawn

Session 5: Viral-Host Interaction (II)

16:30 - 18:00 Monday, 30th June, 2025
Bayside Ballroom

16:30 - 16:45 **5.1 Caspase-8 is Non-canonically Activated through the TLR3-TRIF Pathway during KSHV Lytic Infection, Deepak Kumar**, University of Wisconsin Madison, Madison, USA

16:45 - 17:00 **5.2 KSHV Hijacks the Antiviral Kinase IKK ϵ to Initiate Lytic Replication, Qiming Liang**, Shanghai Jiao Tong University School of Medicine, Shanghai, China

17:00 - 17:15 **5.3 Spatial Transcriptomics of Patients with Kaposi Sarcoma Identifies Mechanisms of Immune Evasion, Joseph Ziegelbauer**, National Cancer Institute, Bethesda, USA

17:15 - 17:30 **5.4 KSHV Hijacks SOX18 Pioneer Function to Alter Host Chromatin Architecture for Efficient Infection,  Krista Tuohinto**, University of Helsinki, Helsinki, Finland

17:30 - 17:45 **5.5 YTHDF2 Is a Novel Regulator of the Bifunctional KSHV SOX Nuclease, Rakesh Sarkar**, Department of Plant and Microbial Biology, University of California, Berkley, USA

17:45 - 18:00 **5.6 Herpesvirus Latency Proteins as Phosphorylation-Triggered Biosensors,  Sara Makanani**, UCLA, Los Angeles, USA

Poster Session 1 - Even Numbered

Poster Session Reception

18:00 - 19:30 Monday, 30th June, 2025

Pacific Ballroom

Although all posters will be up on both Monday and Tuesday, Presenters of **Even Number Posters** will be discussing their work at Poster Session I. Food & Beverage and Bars will be setup on the Bayside Atrium/Seaside Lawn

P2 Dermatological Disorders among the Elderly in Urban Areas of Dar es salaam, Tanzania: Prevalence, Associated Factors and Impact on Quality of Life, Uwesu Muki, Department of Internal Medicine, Muhimbili University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania

P4 KSHV vIRF2 direct repeat domain is responsible for the suppression of IFN-signaling, Tadashi Watanabe, Graduate school of medicine, University of the Ryukyus, Ginowan, Japan

P6 Phenotypic Characterization of Ugandan Children Pre- and Post-KSHV Seroconversion, Katherine Sabourin, UK Medical Research Council/Uganda Virus Research Institute & London School of Hygiene and Tropical Medicine Uganda Research Unit, Entebbe, Uganda, Department of Environmental and Public Health Sciences, University of Cincinnati, Cincinnati, USA

P8 KSHV K-Rta and Cellular BRD4 Facilitate to Form Liquid-Liquid Phase Separation with LANA, Christopher Amaya Bautista, University of California Davis, Davis, USA

P10 Insights into Gammaherpesvirus Lytic Replication through Analysis of an ORF59 Reporter Virus, Linda van Dyk, University of Colorado Anschutz Medical School, Aurora, USA

P12 The Dynamic Transcriptome of Caviid Gammaherpesvirus 1, Dóra Tombácz, University of Szeged, Szeged, Hungary

P14 Kaposi's Sarcoma of the Oral Cavity in an HIV-Positive Patient with Tuberculosis: A Case Report, Uwesu Muki, Department of Internal Medicine, Muhimbili University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania

P16 KSHV Infection of Human Differentiated Cardiomyocytes Causes Potential Cardiotoxicity and Myocardial Dysfunctions, Jiaojiao Fan, University of Arkansas for Medical Science, Little Rock, USA

P18 CryoEM Reveals a KSHV-Specific Capsid-Associated Tegument Protein Absent from EBV, α - and β -Herpesviruses, Hongcheng Fan, University of California, Los Angeles, Los Angeles, USA

P20 Analysis of KSHV-induced cellular differentiation and alternative splicing using long read RNA Sequencing, Netanya Keil, University of Florida, Gainesville, USA

P22 Developing a Lymphatic Endothelial Sprouting Organoid System to Model Kaposi Sarcoma Single Cell Transcriptomics,

Paula Valiño Ramos, Washington University School of Medicine in St Louis, St Louis, USA

P24 Investigating How the Apoptotic Initiator Caspase-8 Inhibits the Cytosolic DNA Sensor cGAS During KSHV Lytic Replication, Guillermo Najarro, University of Wisconsin-Madison, Madison, USA

P26 Studies on Dynamic LANA Protein Complex with Proximity Labeling Using Novel Recombinant KSHV, Ashish Kumar, Department of Dermatology, School of Medicine, the University of California Davis, Sacramento, USA

TUESDAY, JULY 1, 2025

Continental Breakfast

08:00 - 09:00 Tuesday, 1st July, 2025

<h3>Session 6: Mechanism of Latency</h3>

09:00 - 10:30 Tuesday, 1st July, 2025

Bayside Ballroom

09:00 - 09:15 **6.1 The virus-infected cell regulates terminal repeat enhancer activity in KSHV and EBV, Meir Shamay**, Bar-Ilan University, Safed, Israel

09:15 - 09:30 **6.2 Polycomb group proteins protect latent Kaposi sarcoma-associated herpesvirus from HUSH-dependent chromatin silencing and episome clearance, Adam Grundhoff**, Leibniz Institute of Virology, Hamburg, Germany

09:30 - 09:45 **6.3 LANA-Dependent Transcription-Replication Conflicts and R-Loops at the Terminal Repeats (TR) Correlate with KSHV Episome Maintenance, Paul Lieberman**, Wistar Institute, Philadelphia, USA

09:45 - 10:00 **6.4 KSHV Episomes Replicate and Segregate to Daughter Cells at Similar Efficiency, Kenneth Kaye**, Brigham and Women's Hospital, Boston, USA. Harvard Medical School, Boston, USA. Broad Institute, Cambridge, USA

10:00 - 10:15 **6.5 Role of IFI16 in NuRD and Sin3 Co-Repressor Complex Mediated Deacetylation of KSHV Chromatin, Arunava Roy**, Department of Interdisciplinary Oncology, LSU-LCMC Cancer Center, Louisiana State University Health, New Orleans, USA

10:15 - 10:30 **6.6 Conditionally Immortalized Lymphatic Endothelial Cells Support Long-term Maintenance of Kaposi Sarcoma Herpesvirus, Xiaofan Li**, National Cancer Institute, Bethesda, USA

Coffee Break

10:30 - 11:00 Tuesday, 1st July, 2025
Bayside Atrium/Seaside Lawn

Session 7: Lytic Replication

11:00 - 12:30 Tuesday, 1st July, 2025
Bayside Ballroom

11:00 - 11:15 **07.1 Structural Basis for Viral Recruitment of Hypophosphorylated RNA Polymerase II for Late Gene Transcription in the Beta/Gammaherpesviruses, 🏆 Pankaj Kumar Madheshiya**, Department of Molecular Biophysics & Biochemistry, Yale University, New Haven, USA

11:15 - 11:30 **7.2 DNA methylation profiling of KSHV has diagnostic potential to inform the viral activation state, 🏆 Kurtis Host**, Division of Hematology, Department of Internal Medicine, The Ohio State University, Columbus, OH, USA. The Ohio State University Comprehensive Cancer Center, Columbus, OH, USA

11:30 - 11:45 **7.3 Functional Dissection of Terminal Repeats to define the critical role of LBS3/RE in KSHV Episome Maintenance**

and Virion Production., Subhash Verma, University of Nevada, Reno, Reno, USA

11:45 - 12:00 **7.4 KSHV Activates the Rate-Limiting Enzyme G6PD to Promote the Pentose Phosphate Pathway and Lytic Replication,  Wayne Yeh**, University of Southern California, Los Angeles, USA

12:00 - 12:15 **7.5 Genome-wide Mapping of the KSHV Transcriptional Start Sites Reveals a Novel Pattern of Viral Gene Expression, Vladimir Majerciak**, Tumor Virus RNA Biology Section, HIV Dynamics and Replication Program, National Cancer Institute, NIH, Frederick, USA

12:15 - 12:30 **7.6 RNA Helicases, DDX5 and DDX17, Facilitate Lytic Reactivation of Gammaherpesviruses, Praneet Kaur Sandhu**, University of North Carolina at Chapel Hill, Chapel Hill, USA

Poster Session 2 - Odd Numbered

Posters, Box Lunch, Seaside Lawn & Poster Ballroom

12:30 - 14:30 Tuesday, 1st July, 2025

Pacific Ballroom

Although all posters will be up on both Monday and Tuesday, Presenters of Odd Number Posters will be discussing their work at Poster Session 2. A box lunch and soft drinks will be setup on the Bayside Atrium/Seaside Lawn


P1 Kaposi's Sarcoma: Epidemiological, Clinical and Morphological Studies in the Western and Eastern Parts of the Democratic Republic of Congo,  Mulumeoderhwa Pierrot, Catholic University Hospital, Bukavu, the Democratic Republic of the Congo

P3 Knowledge, Attitudes, and Practices Towards Kaposi Sarcoma Among People with HIV in Dar es Salaam, Tanzania.,  Zakayo Ernesti, Ocean Road Cancer Institute, Dar es Salaam, United Republic of Tanzania. School of Public Health, Louisiana State University Health Sciences Center, New Orleans, USA

P5 Characteristics of Kaposi Sarcoma Patients Attending a Referral Hospital in Botswana., Sajini Souda, University of Botswana, Gaborone, Botswana

P7 Regulation of Interleukin-1 signaling by KSHV and development of targeted therapies, Zhiqiang Qin, UAMS, Little Rock, USA

P9 KSHV ORF7 and ORF67.5 are Essential for Terminase Function, Yuki Iwaisako, Kyoto Pharmaceutical University, Kyoto, Japan

P11 KSHV LANA Interaction With MLL1 Complex Facilitates Viral Persistence,  Filipa Prata-Silva, Católica Biomedical Research Centre, Católica Medical School, Universidade Católica Portuguesa, Lisbon, Portugal

P13 Heterogeneity of Oncogenic and Survival Signaling Pathways in Primary Effusion Lymphoma: Implications for Precision Targeting and Combination Therapy, Shou-Jiang Gao, UPMC Hillman Cancer Center, and Department of Genetics and Molecular Microbiology, University of Pittsburgh School of Medicine, Pittsburgh, USA

P15 Exploring Northern Tree Shrew as a potential small animal model of KSHV transmission/infection, For Yue Tso, LSUHSC, New Orleans, USA

P17 CRISPRi Screen to Identify Key Host Long Non-Coding RNAs Regulating Proliferation of KSHV-Infected PEL Cells, Ritu Shekhar, Department of Molecular Genetics and Microbiology, University of Florida, Gainesville, FL, USA

P19 Viral BCL2 Contributes To The Survival Of KSHV-infected Monocytes By Regulating The Inflammatory Response, Somayeh Komaki, Department of Dermatology School of Medicine, University of California Davis, Sacramento, USA

P21 Microbiome Signatures of Progressive Kaposi's Sarcoma, Adam Officer, University of Pittsburgh, Pittsburgh, USA

P23 Network core modeling for KSHV LANA complex on latent-lytic switch, Kai-Yu Chan, Graduate Institute of Genomics and Bioinformatics, National Chung-Hsing University, Taichung, Taiwan

P25 Determining Functional and Mechanistic Consequences of LANA-host Protein Protein Interactions, Erica Sanchez, University of Texas at Dallas, Richardson, USA


Session 8: Viral Entry and Other Virus

14:30 - 16:00 Tuesday, 1st July, 2025

Bayside Ballroom

14:30 - 14:45 **8.1 Senescence of Endothelial Cells Increases Susceptibility to Kaposi's Sarcoma-Associated Herpesvirus Infection via CD109-Mediated Viral Entry, Myung-Ju Lee**, Department of Microbiology and Immunology, Eulji Biomedical Science Research Institute, Eulji University School of Medicine, Daejeon, Republic of Korea

14:45 - 15:00 **8.2 Identification of an ESCRT Component That Interacts With Murine Gammaherpesvirus 68 ORF42 and Modulates Virion Secondary Envelopment, Hongyu Deng**, University of Chinese Academy of Sciences, Beijing, China. Institute of Biophysics, Chinese Academy of Sciences, Beijing, China

15:00 - 15:15 **8.3 Structure of the Kaposi's sarcoma-associated herpesvirus gB in post-fusion conformation,  Juan Carlos Silva**, University of California, Los Angeles, Los Angeles, USA. California NanoSystems Institute, Los Angeles, USA. Molecular Biology Institute, Los Angeles, USA

15:15 - 15:30 **8.4 Oral Exposure to Rhesus Macaque Rhadinovirus can Lead to Infection of Rhesus Macaques, Scott Wong**, Vaccine and Gene Therapy Institute, Beaverton, USA. Oregon National Primate

Research Center, Beaverton, USA. Oregon Health & Science University, Beaverton, USA

15:30 - 15:45 **8.5 Bacteria-virus interaction identifies an unexpected role of ISGylation in promoting gamma herpesvirus replication**, 🏆 Shutong Li, Section of Infection and Immunity, Herman Ostrow School of Dentistry, University of Southern California, Los Angeles, USA

15:45 - 16:00 **8.6 The interaction of KSHV and opportunistic pathogenic bacteria *Pseudomonas aeruginosa***, Zhiqiang Qin, University of Arkansas for Medical Sciences, Little Rock, USA

Coffee Break

16:00 - 16:15 Tuesday, 1st July, 2025
Bayside Atrium/Seaside Lawn

Session 9: Viral Pathogenesis (II)

16:15 - 17:45 Tuesday, 1st July, 2025
Bayside Ballroom

16:15 - 16:30 **9.1 Delineating the Immune Landscape of Kaposi Sarcoma using Hyperplexed Immunofluorescence at Single-Cell Resolution**, 🏆 Dicle Yalcin, Department of Interdisciplinary Oncology, LSU Health Sciences Center, New Orleans, USA

16:30 - 16:45 **9.2 Single Cell Transcriptomics of HIV-Associated Kaposi Sarcoma in Kenya: a Pilot Study**, 🏆 Paula Valiño Ramo, Washington University School of Medicine in St Louis, St Louis, USA

16:45 - 17:00 **9.3 Optimized Immunosuppression in Marmosets Enhances Their Utility as a Model for Kaposi Sarcoma-Associated Herpesvirus (KSHV) Pathogenesis and Disease**, Li Han, Department of Immuno-Oncology, Beckman Research Institute of City of Hope, Duarte, USA

17:00 - 17:15 **9.4 KSHV and HPV Modulate Epithelial-to-Mesenchymal Transition in Oral Epithelial Cells,  Qian Li**,
University of North Carolina at Chapel Hill, Chapel Hill, USA

17:15 - 17:30 **9.5 Patient-Derived Xenografts of Primary Effusion Lymphoma Retain Key Features In Vivo,  James E Glassbrook**,
National Cancer Institute, Bethesda, USA

17:30 - 17:45 **9.6 An Aggressive Anaplastic Variant of Kaposi Sarcoma that Expands Rapidly as a Patient-Derived Xenograft has a Truncated Viral Genome, Laurie Krug**, Cancer Institute, Bethesda, USA

Gala Dinner at the R10 Social House (extra ticket required)

19:00 - 22:00 Tuesday, 1st July, 2025

R10 Social House a short walk from the Portofino Hotel, extra ticket required

WEDNESDAY, JULY 2, 2025

Continental Breakfast

08:00 - 09:00 Wednesday, 2nd July, 2025

Bayside Atrium/Seaside Lawn

Session 10: Vaccine & Therapeutics (II)

09:00 - 10:15 Wednesday, 2nd July, 2025

Bayside Ballroom


09:00 - 09:15 **10.1 Oncolytic Viral Therapy for Primary Effusion Lymphoma, Yi-Lun Huang**, National Yang Ming Chiao Tung University, Taipei, Taiwan

09:15 - 09:30 **10.2 *In silico* Structural Analysis of Thymidine Kinase Activity in γ -herpesvirinae., Tatsuo Yamaguchi**.

Bioinformatics project, ArCHER, NIBIOHN, Senriokashinmachi 3-17,
Settsushi, Osaka, Japan

09:30 - 09:45 **10.3 Harnessing an evolutionarily conserved innate defense mechanism to neutralize KSHV virions by a dual-antigen vaccine approach, Pu-Lin Teng**, UCLA, Los Angeles, USA

09:45 - 10:00 **10.4 Activation of Calcium Signaling Pathway Inhibits KSHV Reactivation for Treating Herpesviral Primary Effusion Lymphoma, Enguo Ju**, Sun Yat-sen University, Guangzhou, China

10:00 - 10:15 **10.5 Inhibition of Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication and Oncogenesis by STING Agonists,  Tiffany Nelson**, University of Florida, Gainesville, USA

Coffee Break

10:15 - 10:45 Wednesday, 2nd July, 2025
Bayside Atrium/Seaside Lawn

Session 11: Viral and Host Interaction (III)

10:45 - 12:15 Wednesday, 2nd July, 2025
Bayside Ballroom

10:45 - 11:00 **S11.1 A viral Cyclin D homolog protein hijacks the metabolic stress sensor SESN2 to promote primary effusion lymphoma progression, Tingting Li**, Changsha, Changsha, China

11:00 - 11:15 **S11.2 Characterization of the Impact of KSHV Latent Infection on Lipid Metabolism in Endothelial Cells, Blake Dodson**, University of Washington, Seattle, USA

11:15 - 11:30 **S11.3 Replication and Transcription Activator of Kaposi's Sarcoma-Associated Herpesvirus Suppresses Host Innate Immune Response by Targeting STING, Huabin Tian**, Institution of Biophysics, Chinese Academy of Sciences, Beijing, China

11:30 - 11:45 **S11.4 Investigating How Caspase-8 Is Activated During KHSV Lytic Reactivation Without Causing Cell Death, Autumn Sanders**, University of Wisconsin-Madison, Madison, USA

11:45 - 12:00 **S11.5 Small Molecule Targeting of Host Pathways Driving Lytic Gene Expression, David Morgens**, UC Berkeley, Berkeley, USA

KSHV Business Meeting / KSHV 2026

12:15 – 12:45 Wednesday, 2nd July, 2025

Bayside Ballroom

Annual Business Meeting of the newly formed ***Kaposi's Sarcoma Herpesvirus (KSHV) and Related Agents Association, Inc.***, an international non-profit organization (*501 c 3 application pending*), established for the purpose of promoting research related to KSHV, a cancer-causing herpesvirus, and related viruses by bringing researchers together once a year to share developments leading to discovery of new and better approaches for treating and preventing malignancies or lymphoproliferative disorders, including Kaposi's sarcoma, pleural effusion lymphoma, multicentric Castleman's disease, and an inflammatory disorder, KSHV-inflammatory cytokine syndrome (KICS).

Discussion on future meeting locations & chairs.