

# 5<sup>TH</sup> SYMPOSIUM INFECTIOUS DISEASES IN THE IMMUNOCOMPROMISED HOST

May 12<sup>th</sup>-14<sup>th</sup>, 2025 | Grand Hyatt Seattle

## Monday May 12<sup>th</sup>

- 7 – 7:50 am Breakfast
- 7:50 – 8:10 am **Introduction & Welcome Address**  
*Michael Boeckh, MD, PhD, Symposium Co-Chair | Fred Hutch, U of Washington* *Thomas J. Lynch Jr., MD | President and Director of Fred Hutch, Raisbeck Endowed Chair for the President and Director of Fred Hutch, Director of Fred Hutch/U of Washington/Seattle Children's Cancer Consortium*
- 8:10 – 8:15 am **Introduction of Keynote Speaker** *Michael Boeckh, MD, PhD | Fred Hutch, U of Washington*
- 8:15 – 8:55 am **Keynote Address: BK Polyomavirus** *Hans Hirsch, MD, MSc | U of Basel, Switzerland*

### Adenovirus & BK Virus

- Chairs *Lara Danziger-Isakov, MD, MPH | U of Cincinnati* *Hannah Imlay, MD, MS | U of Utah*
- 8:55 – 9:20 am **ADV in the Immunocompromised Host** *Gabriela M. Marón Alfaro, MD, MSc | St. Jude Children's Research Hospital*
- 9:20 – 9:55 am **BKV Case Presentation** *Alejandra Mendoza, MD | U of Utah*
- Round Table Discussion:**  
*Sanjeet Singh Dadwal, MD | City of Hope* *Lara Danziger-Isakov, MD, MPH | U of Cincinnati* *Hans Hirsch, MD, MSc | U of Basel, Switzerland* *Hannah Imlay, MD, MS | U of Utah* *Abhijit Limaye, MD | U of California San Francisco* *Gabriela M. Marón Alfaro, MD, MSc | St. Jude Children's Research Hospital*

### CMV

- Chairs *Michael Boeckh, MD, PhD | Fred Hutch, U of Washington* *Michelle Yong, MD | Peter MacCallum Cancer Centre, Australia*
- 10:25 – 10:40 am **Best Abstract: Probable CMV Pneumonia in Non-transplant Population with Hematologic Malignancies**  
*Karolina Beldzińska-Gądek, MD | Medical U of Gdańsk, Poland*
- 10:40 – 11:05 am **CMV in Solid Organ Transplantation** *Abhijit Limaye, MD | U of California – San Francisco*
- 11:05 – 11:30 am **CMV and Aging in Solid Organ Transplantation** *Maheen Abidi, MD | U of Colorado*
- 11:30 – 11:55 am **CMV in Hematopoietic Stem Cell Transplantation** *Daniel Zamora, MD | Fred Hutch, U of Washington*
- 11:55 – 12:20 pm **CMV Case Presentation** *Jose Camargo, MD | U of Miami*

**Round Table Discussions:** *Maheen Abidi, MD | U of Colorado* *Michael Boeckh, MD, PhD | Fred Hutch, U of Washington* *Roy Chemaly, MD, MPH | The U of Texas, MD Anderson Cancer Center* *YaeJean Kim, MD, PhD | Samsung Medical Center, South Korea* *Abhijit Limaye, MD | U of California – San Francisco* *Michelle Yong, MD | Peter MacCallum Cancer Centre, Australia* *Daniel Zamora, MD | Fred Hutch, U of Washington*

### 12:20 – 1:40 pm Lunch

### Jeopardy

- Chairs *Olivia Kates, MD, MA | Johns Hopkins U* *Erica Stohs, MD, MPH | Creighton U*
- 1:40 – 2:25 pm **Infectious Diseases in the Immunocompromised Host Jeopardy**

### Respiratory Viruses

- Chairs *Mike Ison, MD | National Institutes of Health* *Alpana Waghmare, MD | Seattle Children's Hospital, Fred Hutch, U of Washington*
- 2:25 – 2:40 pm **Best Abstract: Shifting Trends in Respiratory Viral Infection Outcomes Among Patients with Hematology Malignancies During 2023-2024 Respiratory Viral Season** *Tali Shafat Fainguelernt, MD | MD Anderson Cancer Center*
- 2:40 – 3:05 pm **Host Transcriptomics for Infectious Disease Diagnostics** *Micah McClain, MD, PhD | Duke U*
- 3:05 – 3:30 pm **Novel Vaccines and Monoclonal Antibodies for Respiratory Viruses** *Camille Kotton, MD | Massachusetts General Hospital*
- 3:30 – 4:10 pm **COVID-19 (SARS-CoV-2) Case Presentation** *Regina Lengermann, PA-C | Fred Hutch, U of Washington*
- Round Table Discussion:** *Angela Campbell, MD, MPH | Emory U School of Medicine (Adjunct)* *Diego Hijano, MD, MSc | St. Jude Children's Research Hospital* *Mike Ison, MD | National Institutes of Health* *Camille Kotton, MD | Massachusetts General Hospital* *Per Ljungman, MD, PhD | Karolinska Institute, Sweden* *Micah McClain, MD, PhD | Duke U* *Alpana Waghmare, MD | Seattle Children's Hospital, Fred Hutch, U of Washington*
- 4:30 – 5:30 pm **ImmunOptimize Network Open Information Session**
- 6:30 – 9:30 pm **Networking Reception – Seattle Aquarium Ocean Pavilion**

## Tuesday May 13<sup>th</sup>

- 7:30 – 8:30 am Breakfast

### Diagnostics

- Chairs *Upton Allen, MBBS, MSc | U of Toronto, SickKids* *Denise McCulloch, MD, MPH | Fred Hutch, U of Washington*
- 8:30 – 9:10 am **Pathogen Detection and Host Response Profiling in Immunocompromised Hosts** *Charles Chiu, MD, PhD | U of California - San Francisco*
- 9:10 – 9:50 am **Emerging Topics in Diagnostics Case Presentation** *Eduardo Sanchez, MD | U of Arizona*
- Round Table Discussion:** *Upton Allen, MBBS, MSc | U of Toronto, SickKids* *Charles Chiu, MD, PhD | U of California - San Francisco* *Helen Chu, MD, MPH | U of Washington* *Madeleine Heldman, MD, MS | Duke U* *Denise McCulloch, MD, MPH | Fred Hutch, U of Washington*
- 9:50 – 10:15 am **Break & Poster Set-Up**

10:15 – 10:20 am Introduction of Keynote Speaker [David Epstein, MD](#) | *Stanford U*  
10:20 – 10:55 am Keynote Address: Pulmonary Impairment after Transplantation [Guang-Shing Cheng, MD](#) | *Fred Hutch, U of Washington*

### Pulmonary Complications

Chairs [Guang-Shing Cheng, MD](#) | *Fred Hutch, U of Washington* [David Epstein, MD](#) | *Stanford U*  
10:55 – 11:10 am **Best Abstract:** Early Host Blood Transcriptional Signatures Predictive of Lower Respiratory Tract (LRT) Disease Progression during Parainfluenza Infection in Hematopoietic Cell Transplant (HCT) Recipients [Fang Yun Lim, PhD](#) | *Fred Hutch*  
11:10 – 11:35 am Pulmonary Complications of Hematopoietic Stem Cell Transplantation [Matt Zinter, MD](#) | *U of California - San Francisco*  
11:35 – 12 pm Pulmonary Complications of Solid Organ Transplantation [Cynthia Fisher, MD](#) | *U of Washington*  
12 – 1:25 pm Lunch & Transplant ID Early Career Network Panel  
1:25 – 1:30 pm Introduction of Keynote Speaker [Joshua Hill, MD](#) | *Fred Hutch, U of Washington*  
1:30 – 1:55 pm The Future of Infections in the Immunocompromised Host: Science, Training, Mentoring, Clinical Care [Michael Boeckh, MD, PhD](#) | *Fred Hutch, U of Washington*

### Roundtable: Training the Future of Immunocompromised Host Infectious Disease

1:55 – 2:40 pm [Barbara Alexander, MD](#) | *Duke U* [Upton Allen, MBBS, MSc](#) | *U of Toronto, SickKids, Canada* [Michael Boeckh, MD, PhD](#) | *Fred Hutch, U of Washington* [Jay Fishman, MD](#) | *Massachusetts General Hospital, Harvard* [Tobias Hohl, MD, PhD](#) | *Memorial Sloan Kettering Cancer Center* [Minh-Hong Nguyen, MD](#) | *U of Pittsburgh* [Tanvi S. Sharma, MD, MPH](#) | *Boston Children's Hospital* [Monica Slavin, MD, MBBS](#) | *U of Melbourne - Australia, Peter MacCallum Cancer Centre* [Leah Yoke, MCHS, PA-C](#) | *Fred Hutch, U of Washington*  
2:40 – 3:05 pm Break & Poster Set-Up

### Cellular Therapy & HHV-6

Chairs [Joshua A. Hill, MD](#) | *Fred Hutch, U of Washington* [Jessica Little, MD](#) | *Brigham and Women's Hospital, Harvard Medical School*  
3:05 – 3:20 pm **Best Abstract:** Incidence of Breakthrough HSV in Adult Allogeneic Hematopoietic Cell Transplant Recipients on Standardized Antiviral Prophylaxis [Ria Mohan](#) | *Virginia Commonwealth U*  
3:20 – 3:45 pm Cytomegalovirus/HHV-6 Reactivation and Clinical Significance after CAR-T Cell Therapy [Erika Kampouri, MD](#) | *U of Lausanne, Switzerland*  
3:45 – 4:10 pm Viral Specific CMV, ADV, HHV-6, EBV, BKV Cytotoxic T-Lymphocytes in Patients with Medically Refractory Disease Following Solid Organ or Allogeneic Stem Cell Transplantation [Mitchell Cairo, MD](#) | *Westchester Medical Center Cancer Center*  
4:10 – 4:35 pm HHV-6 Case Presentation [Joshua Hill, MD](#) | *Fred Hutch, U of Washington*  
Round Table Discussion [Mitchell Cairo, MD](#) | *Westchester Medical Center Cancer Center* [Erika Kampouri, MD](#) | *U of Lausanne, Switzerland* [Jessica Little, MD](#) | *Brigham and Women's Hospital, Harvard Medical School* [Yeon Joo Lee, MD, MPH](#) | *Memorial Sloan Kettering Cancer Center* [Danielle Zerr, MD, MPH](#) | *Seattle Children's Hospital*  
5 – 6:30 pm Poster Reception & Awards

## Wednesday May 14<sup>th</sup>

7:15 – 8 am Breakfast  
8 – 8:05 am Introduction of Keynote Speaker [Abhijit Limaye, MD](#) | *U of California - San Francisco*  
8:05 – 8:45 am Keynote Address: Xenotransplantation: State of the Art [Jay Fishman, MD](#) | *Massachusetts General Hospital, Harvard*

### Bacterial Resistance – Microbiome

Chairs [Samuel Aitken, PharmD, MPH, BCIDP](#) | *U of Michigan* [Catherine Liu, MD](#) | *Fred Hutch, U of Washington*  
8:45 – 9:10 am Tackling Gram Negative Resistance in Immunocompromised Hosts: Strategies for Prevention and Treatment [Michael Satlin, MD](#) | *Cornell U*  
9:10 – 9:35 am Microbiome-Based Therapeutics for *C. difficile* and MDROs in Immunocompromised Hosts [Michael Woodworth, MD](#) | *Emory U*  
9:35 – 10:15 am *C. difficile* Case Presentation [Emily Rosen, MD](#) | *Fred Hutch, U of Washington*  
Round Table Discussion: [Samuel Aitken, PharmD, MPH, BCIDP](#) | *U of Michigan* [Julian Lindsay, PharmD, PhD](#) | *Fred Hutch* [Catherine Liu, MD](#) | *Fred Hutch, U of Washington* [Michael Satlin, MD](#) | *Cornell U* [Michael Woodworth, MD](#) | *Emory U*  
10:15 – 10:45 am Break & Poster Take-Down

### Fungal Disease

Chairs [Tobias Hohl, MD, PhD](#) | *Memorial Sloan Kettering Cancer Center* [Minh-Hong Nguyen, MD](#) | *U of Pittsburgh*  
10:45 – 11:10 am Trends in Antifungal Resistance [Nathan Wiederhold, PharmD](#) | *U of Texas - San Antonio*  
11:10 – 11:35 am Novel Antifungal Drugs and Diagnostics for Antifungal Strategies [Monica Slavin, MBBS, FRACP](#) | *U of Melbourne - Australia, Peter MacCallum Cancer Centre*  
11:35 – 11:55 am Fungal Disease Case Presentation #1 [Emily Lydon, MD](#) | *U of California - San Francisco*  
11:55 – 12:15 pm Fungal Disease Case Presentation #2 [Leah Yoke, MCHS, PA-C](#) | *U of Washington, Fred Hutch*  
Round Table Discussions: [David Fredricks, MD](#) | *Fred Hutch, U of Washington* [Tobias Hohl, MD, PhD](#) | *Memorial Sloan Kettering Cancer Center* [Ricardo La Hoz, MD](#) | *U of Texas – Southwestern* [Kieren Marr, MD](#) | *Johns Hopkins University* [Minh-Hong Nguyen, MD](#) | *U of Pittsburgh* [Monica Slavin, MBBS, FRACP](#) | *U of Melbourne - Australia, Peter MacCallum Cancer Centre* [Frank Tverdek, PharmD](#) | *Fred Hutch, U of Washington* [Nathan Wiederhold, PharmD](#) | *U of Texas - San Antonio*  
12:15 – 12:30 pm Closing Remarks  
[Catherine Liu, MD, Symposium Co-Chair](#) | *Fred Hutch, U of Washington* [Josh Schiffer, MD, MSc, Symposium Co-Chair](#) | *Fred Hutch, U of Washington*  
12:30 pm Lunch Boxes & Poster Take-Down