

2021 MSTP Virtual Retreat

Agenda

Please note – all sessions will be hosted within the platform [Gather.town](#)

Please note: Incoming Student Slideshow will be a walking avatar that you can approach and press “x” to view at any point as well as on our [retreat website](#).

August 6, 2021

For Opening Remarks, Student Talks, and Lightning talks, please join us on Zoom:

<https://penmedicine.zoom.us/j/94512289921?pwd=alhUNFpCd1JHanhyNTlhTi9WWEFtdz09>

Meeting ID: 945 1228 9921

Passcode: 294412

One tap mobile

+19292056099,,94512289921# US (New York)

Opening Remarks

9:00 – 9:15am

Student Talks

9:15 – 10:15am

Ruth Choa

“Sweating fat”: Thymic stromal lymphopoietin in immunometabolism and skin immunity

Brinkley Raynor

The impact of the COVID-19 pandemic on rabies reemergence in Latin America: The case of Arequipa, Peru

Daniel Park

High-throughput Oligopaint screen reveals druggable targets that regulate chromatin looping

Lightning Talks

10:15 – 10:35am

Michael Duong

Astrocyte Activation Imaging with 11C-Acetate and Amyloid PET in Mild Cognitive Impairment due to Alzheimer Pathology

Elise Peauroi

The novel innate immune-antagonistic effects of the multifunctional ectromelia virus C15 protein

Eli Cornblath

Computational modeling of tau pathology spread reveals patterns of regional vulnerability and the impact of a genetic risk factor

Kate Krauss

MHC class II on type II alveolar cells modulates type I interferon responses to pulmonary β -coronavirus infection

Alexander Sakers

Defining the lineage of thermogenic perivascular adipose tissue.

Clayton Otter

Investigating the role of MERS-CoV NS4a, NS4b, and nsp15 in evading dsRNA-induced innate immune pathways

Dan Dou

Pathogenic LRRK2 hyperactivity disrupts vesicle transport in the neuronal axon

Philip Hicks

A recombinant vesicular stomatitis virus vaccine platform protects IFNAR deficient mice from lethal SFTSV challenge

Stacy Thomas

A β -Glucan instructs liver macrophages with anti-metastatic activity

For Poster Sessions A and B, please join us on gather.town:

<https://gather.town/invite?token=EzTzRciX>

Poster Session A*

10:35 – 11:05am

Poster Session B*

11:05 – 11:35am

Break

11:35 – 11:45am

For the keynote address and wellness talks, please join us on zoom:

<https://penmedicine.zoom.us/j/94512289921?pwd=alhUNFpCd1JHanhyNTIhTi9WWEFtdz09>

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Keynote Address

11:45 – 12:45pm

Dr. Drew Weissman

Professor of Medicine, University of Pennsylvania

Nucleoside-modified mRNA Therapeutics

Wellness Talks
12:45 – 1:30pm

Kevin Zhang

Fantastic (Carnivorous) Plants and Where to Find Them

Mark Kahn, MD and Skip Brass, MD, PhD

Biking Philly: Fast and Slow

Derek Sung

Grape Expectations: Choosing YOUR Perfect Wine

Conclusion