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://pennmedicine.zoom.us/j/94512289921?pwd=alhUNFpCd1JHanhyNTHtTi9WWEFtdz09
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://pennmedicine.zoom.us/j/94512289921?pwd=alhUNFpCd1JHanhyNThT9WWEFt09
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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