12th Annual Virtual UC Davis Lung Day

Every Breath You Take: Microvascular Disease in the Lung and Beyond

Friday, June 18, 2021

8:00 a.m. – 4:30 p.m.

Symposium Chairs: Elena Goncharova eagoncharova@ucdavis.edu and Angela Haczku haczk@ucdavis.edu

Abstract Sessions: Angela Linderholm alinderholm@ucdavis.edu and Tatiana Kudryashova tkud@ucdavis.edu

Admin Host (main): Chari Elijah celijah@ucdavis.edu

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Alt Hosts (breakout rooms): Muska Assad, Elizabeth Garman, Ebony Irick Hadnot, Rob Rawlings, Chue Xiong

Main Event

8:00 a.m. Speaker/moderator check-in

https://qrgo.page.link/JRe7h

Morning Session

Chairs: Angela Haczku & Mark Avdalovic

8:30-8:35 a.m. Welcome: Microcirculation in the Time of COVID-19

Angela Haczku, UC Davis SOM

8:35-9:15 a.m. Lung Microvascular Diseases and COVID-19 - Overview

Namita Sood, UC Davis SOM

9:15-9:45 a.m. Go with the Flow: Regulation of Microvascular Function in Diabetes and Hypertension

Manuel Navedo, UC Davis SOM

9:45-10:15 a.m. Thrombosis and Coagulation in Lungs: Microvascular Complications

Prithu Sundd, University of Pittsburgh SOM

10:15-10:30 a.m. Networking Breakout Rooms

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KEYNOTE LECTURE

Moderators: Elena Goncharova & Angela Haczku

10:30-11:25 a.m. CARROLL E. CROSS DISTINGUISHED KEYNOTE SPEAKER:

Mark Nicolls, Stanford University

Microvascular Disease, Immunity and Lung Disease

11:25-11:45 a.m. PANEL DISCUSSION

LUNCH BREAK

11:45-12:45 p.m. Abstract Session 1: Rooms 1-4 (abstracts 1-22)

Linderholm, Kudryashova, Kenyon, Zeki, Kuhn, Oldham, Cortes Puch, Shen, Yang T32 trainees: Domanico, Garcia, Ray, Li, Decuzzi

12:45-1:45 p.m. Abstract Session 2: Rooms 5-7 (abstracts 23-36)

Additional Breakout Rooms

UCD Sponsor Rooms: SOM Office of Research and CTSC

External Sponsor Rooms: SmartVest/Electromed and Theravance

Collaboration/Networking Room

Afternoon Session

Chairs: Elena Goncharova & Amir Zeki

2:00-2:30 p.m. ARDS and COVID-19

Nuala Meyer, University of Pennsylvania, Perelman SOM

Discovery of the GPCR Gene Variants, Receptor Trafficking and Their Role in Disease

Jennifer L. Whistler, UC Davis SOM, Center for Neuroscience

Myeloid Cell Priming in Circulation: Lungs and COVID19

Scott I. Simon, UC Davis CE and Biomedical Engineering

3:30-3:50 p.m. Networking Breakout Rooms

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Screening for Interstitial Lung Disease using Natural Language Processing

Gabrielle Echt, Philip Thai Memorial Awardee

The Best Clinical Science Abstract

Reduced Aspergillus fumigatus Ingestion and Clearance by Cystic Fibrosis Macrophages Promotes Aspergillus Invasion Post-Airway Transplant

Wayland Chiu, Benjamin Davis Memorial Awardee

The Best Basic Science Abstract

4:20-4:25 p.m. Closing Remarks: Elena Goncharova, UC Davis SOM

4:30 p.m. Breakout Room: Happy Hour

Join us with your favorite drink!