

**Endothelial Injury and Repair:
CardioPulmonary Vascular Biology COBRE
Zoom
September 10, 2020**

8:30 – 8:35 am -Welcome and introductions

Sharon Rounds, MD, & Elizabeth Harrington, Ph.D.-10 min

8:35-8:55 am – COBRE Admin & Cell Isolation/Organ Function Cores

S Rounds, MD & E Harrington, Ph.D.

9:00- 9:20 am – “Metabolic mechanisms of impaired vascularization during hyperoxic lung injury” Hongwei Yao, PhD PI of project 1

9:22- 9:42 am – “TMEM219-ECRG4 Axis in the Pathogenesis of Cigarette Smoke Induced Emphysema” Chang-min Lee, PhD PI of Pilot project

9:44 -10:04 am -“CHI3L1 and its Receptors in Vascular Remodeling and Pulmonary Hypertension Associated with Pulmonary Fibrosis” Yang Zhou, PhD, PI of Project 3

Private EAC meetings with PIs & Mentors

10:06-10:26 am: H Yao, D Rand & P Dennerly meet w/ EAC

10:28-10:48 am- C Lee, C Lee meet w/ EAC

10:50 -11:10 am Y Zhou, James Klinger & Chun Geun Lee meet w/ EAC

Private EAC meeting to evaluate projects

11:12 – 11:32 am: EAC meets privately to evaluate Yao, Lee & Zhou.

11:34-11:54 am: “Pilot project: Neurovascular Aging Phenotypes of Alzheimer's Disease and Progeria: Focus on Inflammation and Blood Brain Barrier” Jamila Siamwala, PhD PI of Alzheimer's supplement

11:56-12:16 pm: “The Role of Alternative RNA Splicing in Endothelial Cell Barrier Dysfunction in Acute Respiratory Distress Syndrome” Sean Monaghan, MD PI of Project 5

12:18-12:38 pm: “A bio-engineering approach to treat right ventricle dysfunction in pulmonary hypertension” Fabiola Munarin, PhD PI of Pilot project

Private EAC meetings with PIs & Mentors

12:40-1:00 pm J Siamwala, E Harrington, S Rounds meet w/ EAC

1:02-1:22 pm S Monaghan, A Ayala, W Fairbrother, E Harrington meet w/ EAC

1:24-1:44 pm F Munarin, K Coulombe & G Choudhary meet w/ EAC

Lunch Break: 1:44 – 2:00 pm

Private EAC meeting to evaluate projects

2:00 – 2:20 pm: EAC meets privately to evaluate Siamwala, Monaghan, & Munarin projects.

2:22-2:42 pm: “*Sox9b function in cardiomyocyte and great vessel development*” Jessica Plavicki, PhD PI of Project 4

2:44-3:04 pm: “*IL-1 β Signaling Promotes Atherosclerotic Calcification and Cardiovascular Risk*” Alan Morrison, MD, PhD, PI of Project 2

Private EAC meetings with PIs & Mentors

3:06-3:26 pm J Plavicki, K Wharton & F Sellke meet w/ EAC

3:28-3:48 pm A Morrison, F Sellke, & G Choudhary meet w/ EAC

Private EAC meeting to evaluate projects

3:50-4:05 pm: EAC meets privately to evaluate Plavicki and Morrison

4:05- 5:00 pm EAC meets with Sharon Rounds & Elizabeth Harrington for overall assessment of CPVB COBRE.