

Day 2 – Monday, October 19

7:30-8:30am	Group Breakfast	
8:30-10:00am	Regulation of Vascular Development <i>Hemodynamic regulation of vascular development</i> Amber Stratman, Washington Univ in St. Louis Short Talk: <i>Primary cilia protein IFT88 is a key governor of smooth muscle phenotype</i> Brendan O’Brien, Yale School of Medicine Short Talk: <i>Endothelial PCBP1 Is Essential for Developmental Angiogenesis and Cardiac Morphogenesis</i> Shuhan Lyu, University of Southern California <i>Mural cell recruitment to the developing vasculature: insights from disease genes</i> Sarah Childs, University of Calgary	Cell Communication in Atherosclerosis <i>Restoring endothelial-immune cell communication to resolve vascular inflammation</i> Kathryn Howe, University of Toronto Short Talk: <i>Discovery of a nutrient sensing checkpoint required for continual efferocytosis</i> Abraham Quaye, Louisiana State University Health Shreveport Short Talk: <i>Inhibiting Interleukin-6 trans signaling increases murine survival from cardiovascular events</i> Victoria Milosek, University of Virginia <i>Resolving inflammation as a strategy to treat atherosclerosis</i> Gabrielle Fredman, Albany Medical School
10:30am-12:00pm	Vascular Malformations <i>Unveiling brain AVM pathogenesis: Lessons from mouse models</i> Paul Oh, Barrow Institute Short Talk: <i>MYC-induced hypertranscription drives pathological vascular remodeling in sporadic arteriovenous malformations</i> Jason Fish, University Health Network - Toronto Short Talk: <i>Dynamic Regulation of the Retrotransposon LINE-1 During Infantile Hemangioma Progression</i> Mehrnaz Mehrabipour, Boston Children's Hospital/Harvard Medical School <i>Cellular and molecular mechanisms driving aberrant vascular lumen formation in a novel model of venous malformation</i> Elisa Boscolo, Cincinnati Children’s	Organ crosstalk in cardiometabolic disease <i>Chylomicrons as drivers of inflammation through regulatory T cell metabolism of dietary lipids</i> Alison Kohan, University of Pittsburgh Short Talk: <i>Defective Lymphatic Drainage and Junctional Disorganization Impair Cardiac Injury Resolution After Myocardial Infarction</i> Long Nguyen Hoang Do, Temple University Short Talk: <i>Breast cancer induces cardiac inflammation to predispose the cardiovascular system to damage during chemotherapy</i> Priya Mistry, University Health Network <i>Vascular-Immune cell crosstalk in the control of acute and chronic damage responses</i> Scott Johnstone, Virginia Tech
12:00-1:00pm	Lunch and Learn for Trainees	Lunch for all others
1:00-2:30pm	MCS President’s Symposium: Lymphatics in Disease and Development <i>Obesity-Related Lymphedema: Mechanisms and potential therapeutic targets</i> Jorge A. Castorena, Tulane University School of Medicine <i>Calcium signals at the heart of lymphatic muscle cell pacemaking</i> Scott Zawieja, University of Missouri <i>Lymphatic transport from the intestine</i> Gwendalyn Randolph, Washington University in St. Louis <i>NOTCH1 as a regulator of lymphatic button junctions</i> Joshua Scallan, University of South Florida	
2:30-3:15pm	MCS Landis Award – Brant Isakson, University of Virginia	

3:30-5:00pm	Emerging Topics in Microcirculation Short Talk: <i>Liraglutide Suppresses Inflammatory and Barrier-Disruptive Responses in Human Lung Microvascular Endothelial Cells Through a Potential GLP-1R-Independent Mechanism</i> David Aslaner, Vanderbilt University Short Talk: <i>Lymphatic endothelial alpha globin promotes cardiomyocyte hypertrophy during heart failure through local nitric oxide scavenging and T cell retention</i> Skylar Loeb, University of Virginia Short Talk: <i>Calcitonin receptor-like receptor (CLR) Signaling Regulates Lymphatic Lipid Metabolism and Intestinal Lipid Transport</i> Yanna Tian, University of North Carolina at Chapel Hill Short Talk: <i>Piezo1-Mediated Mechanotransduction in Endothelial Dysfunction During Severe Dengue</i> Lindsay Whalen, University of Illinois Chicago Short Talk: <i>Understanding pericyte cell states and their roles in pancreatic ductal adenocarcinoma</i> Christian Palacios-Gomez, University of Virginia Short Talk: <i>Early-life protein restriction exacerbates metabolic dysfunction and impairs pancreatic vascular responses induced by a hypercaloric diet</i> Leticia Barssotti, University of Campinas
5:10-5:45pm	Nano-talks
6:00-7:00pm	Group Dinner
7:00-10:00pm	Poster Sessions