

Day 5 – Thursday, October 23

8:00-8:15am	Presentation of the Poster Awards
8:15-10:15am	<p><b>Plenary Session: Genetics in Vascular Inflammation</b> <i>Gut microbiota-immune interactions modulating vascular inflammation in mice</i> Magali Noval Rivas, Cedars-Sinai Medical Center</p> <p>Short talk: <i>The tryptophan metabolite indoxyl sulfate promotes vascular dysfunction by impairing anti-atherogenic macrophage functions in chronic kidney disease</i> Prabhash Jha, Brigham &amp; Women's Hospital</p> <p>Short talk: <i>TMEM16F regulates multiple aspects of the endothelial cell response to inflammation</i> Allison Gabbert, Beth Israel Deaconess Medical Center</p> <p>Short talk: <i>Interleukin-1 receptor-activated Kinase-1 in disturbed flow-induced vascular remodeling and atherosclerosis progression</i> Mabruka Alfaidi, University of Nebraska</p>
10:45am-12:45pm	<p><b>Plenary Session: Genetic Drivers of Vascular Malformations</b> <i>Genomic informs precision medicine for individuals with lymphatic anomalies</i> Sarah Sheppard, National Institutes of Health</p> <p>Short talk: <i>Signaling changes in LOH cells contribute to loss of vessel integrity in Hereditary Hemorrhagic Telangiectasia</i> Adella Guidroz, Tulane University</p> <p>Short talk: <i>Loss of TBX4 alters smooth muscle contractility and induces endothelial dysfunction in pulmonary arterial hypertension</i> Mauro Lago Docampo, Stanford University</p> <p><i>Molecular mechanisms of pulmonary arteriovenous malformations in single ventricle congenital heart disease</i> Andrew Spearman, Medical College of Wisconsin</p> <p>Short talk: <i>MYC-induced hypertranscription contributes to brain arteriovenous malformation</i> Negar Khosraviani, University of Toronto</p> <p>Short talk: <i>MEK signaling represents a viable therapeutic vulnerability of KRAS-driven somatic brain arteriovenous malformations</i> Gabrielle Largoza, University of Virginia</p> <p>Short talk: <i>Endothelial Notch4 and Notch1 in retinal angiogenesis</i> Christie Kang, University of Illinois</p> <p>Short talk: <i>An endothelial SOX18-mevalonate pathway axis enables novel targeted therapies for vascular anomalies</i> Annegret Holm, Boston Children's</p>
12:45-1:00pm	Closing Remarks