

Vascular Matrix Biology and Bioengineering Workshop II

Congratulations to the Travel Award Recipients

NAVBO Awards -

Olga A Cherepanova, *University of Virginia*

Oral Presentation - Effect of chemical MMP inhibitors on POVPC- and II1-beta induced phenotypic switching of smooth muscle cells

Session: Matrix Remodeling in Vascular Disease - Tuesday, 9:45am

Kareen L. Kreutziger, *University of Washington*

Oral Presentation - Stromal cells support vascularization of a human embryonic stem cell-derived cardiac tissue patch

Session: Vascular Networks and Cardiovascular Engineering - Wednesday, 5:15pm

Benjamin R. Shepherd, *Yale School of Medicine*

Abstract presentation: Bioengineered human microvessels by co-graftment of endothelial cells and pericytes

Session: Vascular Cell-Biomaterial Interactions - Thursday, 9:45am

Denise Stenzel, *Cancer Research UK*

Abstract presentation: Laminin a4 regulates angiogenic sprouting by modulating DII4/Notch signaling

Session: Vascular Morphogenesis/Stem Cells - Thursday, 12:00pm

Amber N. Stratman, *University of Missouri-Columbia*

Abstract #36: Pericytes catalyze endothelial cell basement membrane formation during vascular morphogenesis

Poster Session: Vascular Cell-Cell and Cell-Substrate Interactions - Wednesday

Kassandra S. Thomson, *University of Washington*

Abstract presentation: Development of a novel cardiac tissue engineering construct using a templated fibrin scaffold with a microporous and microchanneled architecture

Session: Vascular Networks and Cardiovascular Engineering - Wednesday, 5:00pm

CSATVB Awards -

Lisa S. Ang, *The James Hogg iCAPTURE Centre*

Abstract presentation: Extracellular activity of Granzyme B contributes to abdominal aortic aneurysm

Session: Matrix Genetics and Development - Tuesday, 12:00pm

Christopher Franco, *University of Toronto*

Abstract presentation: Regulation of monocyte recruitment and macrophage accumulation in atherosclerosis by discoidin domain receptor 1

Session: Matrix Genetics and Development - Tuesday, 12:15pm

Rabban Mangat, *University of Alberta*

Abstract #04: Retention of intestinally derived chylomicron-remnants is increased in arteries of JCR:LA-cp insulin-resistant rats ex-vivo and are associated with binding to biglycan

Poster Session: Matrix Remodeling in Vascular Disease - Wednesday

Peter J. Sabatini, *University of Toronto*

Abstract presentation: Controlling cell polarity through functions of N-cadherin in migrating vascular smooth muscle cells

Session: Matrix Signaling - Wednesday, 9:45am

Faran E. Vafaie, *Robarts Research Institute*

Abstract #05: Smooth muscle cell senescence and remodeling of Type I collagen

Session: Matrix Remodeling in Vascular Disease - Tuesday