

Benjamin Zweifach Graduate Student Travel Award

“Lipopolysaccharide reduces electrical coupling between microvascular endothelial cells of wild type but not connexin40 null mice in tyrosine-, PKA- and ERK1/2-dependent manner.” **M.L. Bolon**, G.M. Kidder and K. Tyml. Lawson Health Research Institute, London, Canada

“A novel signaling pathway for conducted vasodilation in hamster feed arteries”. **T.L. Domeier** and S.S. Segal. Yale University School of Medicine

“c-Jun regulates MMP-2 and MT1-MMP mRNA expression in endothelium.” **E. Ispanovic** and T.L. Haas. York University, Canada

“Coronary wave intensity in humans; effect of changes in microvascular resistance by vasodilation and stent placement and changes in heart rate”. **C. Kolyva**, B.-J. Verhoeff, J.J. Piek, J.A.E. Spaan and M. Siebes. Academic Medical Center. Amsterdam

“Radiation impairs endothelium-dependent dilation of murine intestinal arterioles via reduction of nitric oxide by reactive oxygen species.” **B.T. Larsen**, M.F. Otterson, H. Miura, S.A. Phillips, R.M. Selle, D.D. Gutterman and O.A. Hatoum. Medical College of Wisconsin

“Development of a novel in situ model for visualizing murine endometrial vasculature using fluorescence intravital microscopy”. **S. Leonard** and C. Murrant. University of Guelph, Canada

“Microvascular diameter responses to the controlled release of platelet-derived growth factor-BB and transforming growth factor- β 1”. **M.M. Nickerson**, C.W. Burke, C.J. Holliday, M.G. Hull, J. Song, T.C. Skalak and R.J. Price. University of Virginia

“Impaired endothelin-1-induced receptor-operated calcium entry in pulmonary vascular smooth muscle following chronic hypoxia”. **J.B. Snow**, B.R.S. Broughton, B.R. Walker and T.C. Resta. University of New Mexico

“Different mechanisms induce remote responses: acetylcholine versus adenosine.” **S.E. Wölfle** and C. de Wit. University of Lübeck, Germany

“Micro-PIV measurement of flow fields around adherent leukocytes. **J.E. Pickard**, A.R. Pries and K.

Ley. University of Virginia and Free University of Berlin

“Ascorbate prevents sepsis-induced reduction in arteriolar conducted vasoconstriction in the mouse cremaster muscle.” **R.L. MacKinnon**, D. Lidington and K. Tyml. University of Western Ontario

“Insulin inhibits ATP release from human erythrocytes.” **M. Stumpf**, A. Stephenson, E. Bowles, G. Ricketts, A. Lonigro and R. Sprague. Saint Louis University

“Growth dependent changes in the endothelial factors regulating arteriolar tone”. **J. Balch Samora**, J.C. Frisbee and M.A. Boegehold. West Virginia University School of Medicine

Krogh and Zweifach travel awardees will present their posters at the MCS Reception that follows the general business meeting.

The Society would like to thank Russ Prewitt and the members of the Awards Committee for their efforts.

Congratulations to Microcirculation Journal Award Recipients

Wiederhelm Award

Amaral, SL, Linderman, JR, Morse, MM and Greene, AS. Angiogenesis induced by electrical stimulation is mediated by angiotensin II and VEGF. *Microcirculation* 8(1): 57-67, 2001

Times cited: 34

Gerritsen Award (Review Article)

Helisch, A, Schaper, W. Arteriogenesis - The development and growth of collateral arteries. *Microcirculation* 10(1):83-97, 2003