

## Welcome New Members

### Regular Members

Johan Brekke  
Department of Cellular and Molecular Physiology  
The John B. Pierce Laboratory  
Yale University College of Medicine  
New Haven, CT

### Student Members:

John Chappell  
Department of Biomedical Engineering  
University of Virginia  
Charlottesville, VA

Patrick Dougherty  
Department of Systems Biology and Translational  
Medicine  
Texas A&M University  
College Station, TX

Jasna Junuzovic  
Department of Health and Nutritional Sciences  
University of Guelph  
Guelph, Ontario, Canada

## Congratulations to our New Society Officers

*The votes have been tallied and the new officers are...*

**President-Elect: Cynthia Meininger**

**Treasurer Elect: Terry Sweeney**

**Councilors Elect: Richard Rivers**

**Dave Zawieja**

*The Society would like to thank Steve Segal and the members of the Nominations Committee for their efforts. Special thanks to Bob Gore for making the online voting possible.*

## Congratulations to our 2005 MCS Award Recipients

### Eugene M. Landis Research Award

**William Rosenblum, M.D.**

Department of Pathology, Medical College of Virginia

### Young Investigator Travel Award

**Ryon Bateman, Ph.D.**

Department of Medicine, University of British Columbia

### August Krogh Postdoctoral Fellow Travel Awards

“Activation of TRPV4 increases endothelial permeability in lung septal capillaries.” **D.F. Alvarez**, J.A. King, W. Liedtke and M.I. Townsley. University of South Alabama and Duke University

“Arteriolar smooth muscle calcium dynamics in hamster cheek pouch in vivo” **J.F. Brekke**, W.F. Jackson, and S.S. Segal. Yale University School of Medicine and Michigan State University

“NFAT plays a role in chronic hypoxia-induced pulmonary arterial hypertension.” **S. de Frutos Garcia**, R. Spangler and L. Gonzalez Bosc. University of New Mexico.

“Suppression of endogenous  $\beta$  and  $\gamma$ EnaC abolishes myogenic vasoconstriction in mouse interlobar arteries.” **N.L. Jernigan** and H.A. Drummond. University of Mississippi Medical Center

“The microvascular effects of sphingosine kinase 1 are regulated by its subcellular localization.” **D. Lidington**, B.F. Peter, S. Pitson, U. Pohl and S.-S. Bolz. Ludwig Maximilians University, Munich and Hansom Institute of Medical and Veterinary Science, Adelaide, Australia

“Resolution of  $Ca^{2+}$  dynamics underlying conducted vasodilation: the  $Ca^{2+}$  wave.” **T.R. Uehnholt**, T.L. Domeier and S.S. Segal. Yale University School of Medicine

“Decreased functional vasodilation and increased thromboxane receptor-mediated vasoconstriction in diabetic rats”. **L. Xiang**, S.R. Abram and R.L. Hester. University of Mississippi Medical Center.

## 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- $\beta$ 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