

2010 Pappenheimer Postdoctoral Travel Award Winners:

Dr. Sanjukta Chakraborty, Texas A&M Health Science Center (mentor: Dr. Mariappan Muthuchamy); *Substance P Activates both Inflammatory and Contractile Signaling Pathways in the Lymphatics through Neurokinin Receptors*

Dr. Joseph Rutkowski, University of Texas Southwestern Medical Center (mentor: Dr. Philipp Scherer); *Transendothelial Transport May Determine Adiponectin Oligomer Functions*

Dr. Matthew Socha, University of Missouri-Columbia (mentor: Dr. Steven Segal); *Distinguishing Receptor Versus Store-Operated Calcium Entry in Arteriolar Endothelium*

Dr. Adam Straub, University of Virginia School of Medicine (mentor: Dr. Brant Isakson); *Compartmentalized Nitric Oxide Signaling at the Myoendothelial Junction can Regulate Gap Junction Communication*

Dr. Prithu Sundd, LaJolla Institute of Allergy and Inflammation (mentor: Dr. Klaus Ley); *Stressed Microvilli and Long Tethers in Rolling, Tight Adhesion Zones and Aft Trunks in Arresting Neutrophils Revealed using Total Internal Reflection Fluorescence Microscopy (TIRFM)*

Dr. Ozlem Yalcin, University of California San Diego (mentor: Dr. Paul Johnson); *A Hemocrit-Dependent Red Blood Cell Exclusion Zone ("No Fly Zone") is Present at the Wall of Arterioles*

Dr. Genqian Zhang, West Virginia University School of Medicine (mentor: Dr Pingnian He); *Sphingosine 1-Phosphate (S1P) Prevents Platelet Activating Factor (PAF)-Induced Permeability Increases by Activation of Rac-1 Signaling in Intact Venules*