



**8th World Congress  
for Microcirculation**

**August 15-19, 2007**

**Midwest Airlines Center, Milwaukee**

**Wisconsin, USA**

**This site is under construction. More details are coming soon.  
If you would like to sign up for email updates, please send an email to: [microcirc@mcw.edu](mailto:microcirc@mcw.edu)**

**THEMES:**

**Systems Biology  
Computational Biology  
Emerging Technologies (Instrumentation, Imaging, and Experimental Models)  
Vascular Biology of the Microcirculation  
Physiological Genomics of the Microcirculation  
Vascular Structure and Remodeling  
Inflammation  
Endothelial Cell Biology of the Microcirculation  
Oxidant Stress and Cardiovascular Disease  
Translational Physiology of the Microcirculation: From Lab to Clinic**

**SCIENTIFIC TOPICS:**

**Angiogenesis and Neovascularization  
Blood Flow Regulation in the Microcirculation  
Cancer/Tumor Angiogenesis  
Capillary Permeability  
Control of the Microcirculation by Arachidonic Acid Metabolites  
Coronary Circulation  
Development and Adaptation of the Vascular System (Angioadaptation)  
Diabetes and Metabolic Syndrome  
Endothelial Cell Function  
Hypertension  
Inflammation and Leukocyte Trafficking  
Integrins and Microvascular Function  
Ischemia-Reperfusion  
Leukocyte and Platelet Interactions with the Vascular Endothelium.  
Lymphatic Function  
Lymphatic Smooth Muscle Physiology  
Microcirculatory Physiome  
Neutrophil Dynamics  
Proteomics  
Renal Microcirculation  
Stroke  
Vascular Communication  
Vascular Permeability**

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