



EUROPEAN SOCIETY FOR MICROCIRCULATION  
BIENNIAL MEETING  
MAY 19-22, 2025, SZEGED, HUNGARY  
**ESM 2025**

EUROPEAN SOCIETY FOR MICROCIRCULATION  
Integrating  
Vascular Biology & Medicine



**Unraveling the multiorgan consequences of vascular disease:  
Molecular mechanisms and phenotyping**

**Chair:**

Zsolt Bagi, Augusta University, United States

**Co-chair:**

Nazha Hamdani, University of Bochum, Germany

**Presentations:**

**Inflammation and oxidative stress in endothelial-cardiomyocyte interactions: Insights into heart failure with preserved ejection fraction**

Nazha Hamdani, University of Bochum, Germany

**Increased muscle mass protects against ischemic injury in the lower limb**

David Stepp, Augusta University, United States

**Systemic microvascular endothelial dysfunction as a target for diagnosis and treatment of sex-specific cardiac disease**

Etto Eringa, Amsterdam UMC, The Netherlands

**Role of PBK and metabolic reprogramming in pulmonary vascular remodeling**

David Fulton, Augusta University, United States

**Venous obstruction and toxic heme injury in ischemic acute kidney injury**

Paul O'Connor, Augusta University, United States