



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

EUROPEAN SOCIETY FOR MICROCIRCULATION  
Integrating  
Vascular Biology & Medicine



## **Advances in cerebromicrovascular aging: Mechanisms and therapeutic interventions**

### **Chair:**

Stefano Tarantini, University of Oklahoma Health Sciences Center, United States

### **Co-chair:**

Zoltán Ungvári, University of Oklahoma Health Sciences Center, United States

### **Presentations:**

#### **Longitudinal functional Ultrasound (fUS) imaging reveals the impact of dietary choices on cerebrovascular aging**

Sharon Negri, University of Oklahoma Health Sciences Center, United States

#### **Targeting cellular senescence to prevent cerebral microhemorrhages in aging**

Roland Patai, University of Oklahoma Health Sciences Center, United States

#### **Senolytic therapy with dasatinib and quercetin mitigates focal stroke outcomes in the aging rat brain**

Szilvia Kecskés, University of Szeged, Hungary

#### **Collateral is brain: Low perfusion triggers spreading depolarization and futile reperfusion after acute ischemic stroke**

Tamás Csípő, Semmelweis University, Hungary