



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

EUROPEAN SOCIETY FOR MICROCIRCULATION  
Integrating  
Vascular Biology & Medicine



**Novel insights into microcirculation: from analytical approach to clinical applicability**

**Chair:**

Helena Lenasi, Institute of Physiology, Faculty of Medicine, University of Ljubljana, Slovenia

**Co-chair:**

Henrique Silva, Faculty of Pharmacy, University of Lisbon, Portugal

**Presentations:**

**Application of wavelet analysis in evaluation of microcirculatory signals**

Lana Krajc, Institute of Physiology, Faculty of Medicine, University of Ljubljana, Slovenia

**Computational model-based analysis of laser Doppler signals for speed-resolved perfusion**

Martin Hultman, Department of Biomedical Engineering, Linköping University, Sweden

**Exploring microvascular reactivity with photoplethysmography**

Henrique Silva, Faculty of Pharmacy, University of Lisbon, Portugal

**Microvascular reactivity in chronic kidney disease in human**

Ines Drenjančević, Faculty of Medicine Osijek, Osijek, Croatia