



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

EUROPEAN SOCIETY FOR MICROCIRCULATION
Integrating
Vascular Biology & Medicine



**Specialized functions of the brain microvessels: from
development to aging**

Chair:

Maria Deli, HUN-REN Biological Research Centre, Hungary

Co-chair:

Istvan Krizbai, HUN-REN Biological Research Centre, Hungary

Presentations:

Engineering microfluidic chip models of the blood-brain barrier

Fruzsina Walter, HUN-REN Biological Research Centre, Hungary

**Brain vasculature rejuvenation by combined senolytic and progenitor cell
therapy**

Attila Farkas, HUN-REN Biological Research Centre, Hungary

**Amyloid- β effects on the blood-brain barrier: contribution to Alzheimer's
disease**

Stefan Liebner, Institute of Neurology (Edinger-Institute) Medical School Goethe
University Frankfurt, Germany

**Effect of co-exposure to high-fat diet and low or moderate doses of ionizing
radiation on the cerebral microcirculation**

Léa Ould Boukhitine, Experimental Radiotoxicology and Radiobiology Laboratory
(LRTOX), Institute for Radiobiological Protection and Nuclear Safety (IRSN), France