

Special Issue

New Trends in Acute Ischemic Stroke

Message from the Guest Editor

Stroke is the second leading cause of death and a major contributor to disability worldwide, with ischemic stroke being the most common type. Acute stroke treatment has had two major breakthroughs over the past 30 years, both involving early reperfusion of an ischemic brain. The currently available therapy is unable to limit secondary brain injury associated with inflammation and oxidative damage during reperfusion. In an attempt to prevent ischemic neurons from irreversible injury, neuroprotective agents are under *investigation for use* alone or as an add-on therapy in standard care. Interestingly, while neuroinflammation contributes to brain damage during the early phase of ischemic stroke, the inflammatory response could facilitate recovery at late stages by promoting neurogenesis, angiogenesis and neuronal plasticity. Improvements in the imaging techniques and endovascular management with modern devices, along with novelties *in the field of neuroprotection and immunomodulation will bring new insights* for understanding stroke.

Guest Editor

Dr. Marina Bralić

Department of Neurology, Clinical Hospital Centre Rijeka, Kresimirova 42, 51000 Rijeka, Croatia

Deadline for manuscript submissions

closed (31 January 2025)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 3.3
Indexed in PubMed



mdpi.com/si/199840

Medicina

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)





Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 3.3
Indexed in PubMed



[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)