

Special Issue

Cerebrovascular Disease: Acute Ischemic Stroke Caused by Large Vessel Occlusion

Message from the Guest Editors

Large vessel occlusion (LVO) is estimated to be present in between approximately 20 and 40% of AIS cases; this wide range is due to the application of different LVO definitions. Despite the amount of biomarker research in the field of AIS so far, only a few markers that are potentially suitable for LVO detection have been identified, and these are only for research purposes and are not included in the current practical guidelines. For this Special Issue, we welcome original research, meta-analyses, and review articles on any topic associated with challenges in the diagnosis and management of large vessel occlusion, from preclinical research to multidisciplinary clinical management. Topics relevant to this Special Issue include, but are not limited to:

- Preclinical patient selection, including the set up and inclusion of prehospital stroke scales and biomarker studies;
- Differential diagnoses of LVOs;
- Challenges in the hyperacute management of LVOs, including multimodal brain imaging;
- Challenges in endovascular treatment, including the use of extra- and intracranial stenting;
- Stroke of unknown time of onset;
- Imaging-based patient selection;
- The role of biomarkers.

Guest Editors

Dr. László Szapáry

Stroke Dep., Dep. of Neurology, University of Pécs, Pécs, Hungary

Dr. Gergely Fehér

Centre for Occupational Medicine, Medical School, University of Pécs, Pécs, Hungary

Deadline for manuscript submissions

closed (28 April 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/123334

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)