

Special Issue

Drug and Non-Drug Treatment of Cerebral Diseases

Message from the Guest Editor

Cerebral ischemia causes significant neurological disability, affecting both adults and neonates. This Special Issue focuses on recent pharmacological and non-pharmacological strategies to limit brain injury and promote recovery. Pharmacological options include thrombolytics, neuroprotective agents (like erythropoietin and melatonin), and anti-inflammatory treatments. For neonates, stem cell therapy and therapeutic hypothermia are promising innovations. Non-pharmacological approaches such as hypothermia for neonatal encephalopathy and early neurorehabilitation for both age groups enhance functional recovery. Tools like near-infrared spectroscopy (NIRS) and emerging biomarkers enable improved patient assessment and personalized care. Special attention is given to the distinct challenges in neonates. By highlighting innovative research, this Special Issue seeks to inform better clinical protocols and improve outcomes for cerebral ischemia patients across all ages.

Guest Editor

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Deadline for manuscript submissions

20 May 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/243414

*International Journal of
Molecular Sciences*
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