

Special Issue

New Trends in Research on Cerebral Ischemia

Message from the Guest Editor

This Special Issue delves into the intricate relationship between white matter damage resulting from ischemia and the potential for axon regeneration via the application of innovative interventions such as cell transplantation and exosome therapy. Ischemia-induced white matter injury is a major contributor to neurological disorders, leading to significant cognitive and motor impairments. By synthesizing insights from various studies and clinical trials, this Special Issue will not only advance our understanding of ischemia-induced white matter damage, but also offer a glimpse into the potential of groundbreaking interventions for axon regeneration. This research will pave the way for enhanced treatments and functional recovery in patients affected by white matter injuries.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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