



New Trends in Research on Cerebral Ischemia

Guest Editor:

Message from the Guest Editor

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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.





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Message from the Editor-in-Chief

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