



## Molecular Researches on Ischemic Stroke

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Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editor

Stroke has become a major cause of death and adult long-term disability worldwide; in order to establish effective treatments, understanding the wide range of molecular pathways leading to neuronal death or enhancing damage is one of the important goals in stroke research. Critical points for stroke physiopathology are local hypoxia that damages brain tissue and neuronal death. Reperfusion therapies, the only available treatments for ischemic stroke, work only directly on the first mechanism. Reperfusion treatments outside of a therapeutic time window could result in a hemorrhagic transformation. Many mechanisms are involved independently or in combination in stroke neuronal death. The loss of astrocytes, as well as injury to white matter, may play a crucial role in stroke physiopathology. Potential drugs for stroke are agents that could provide the inhibition of cell death pathways.

This Special Issue aims to provide new avenues into molecular research on ischemic stroke. Submissions highlighting each of these topics are welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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