



Ischemic Brain Neurodegeneration 2.0

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Message from the Guest Editor

Brain ischemia is one of the most common forms of neurodegeneration, with a series of pathological processes that occur mainly post-ischemia and gradually spread to various brain structures. Both ischemic stroke in humans and experimental brain ischemia are life-threatening pathological events with the development of Alzheimer's disease-type dementia. It is, therefore, important to better understand the contribution of neuronal death to neurodegeneration, the molecular and cellular mechanisms leading to neuronal death, and to identify natural or unnatural molecules that can prevent this death. Progress in understanding new key processes induced by brain ischemia, like changes in the genotype and phenotype of the Alzheimer's disease-type, which are not yet fully explained, may help develop strategies for prevention and treatment post-ischemic neurodegeneration.





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Message from the Editor-in-Chief

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