



Pharmacological and Non-Pharmacological Therapies of Cerebral Ischemia

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Message from the Guest Editor

Dear Colleagues,

In aged humans, stroke is a major cause of disability for which no neuroprotective measures are available. The incidence of stroke increases significantly with age both in men and women, with incidence rates accelerating above 70 years. Comorbidities like diabetes and arterial hypertension or co-morbidity factors such as hypercholesterolemia are common in elderly persons and are associated with higher risk of stroke, increased mortality, and disability. Comorbidities along with aging, neuroinflammation, brain injury, and oxidative stress, as well as lifestyle factors such as high sugar diets, alcohol, and tobacco addiction or high fat diets, negatively influence the efficacy of stroke therapies. Contributions describing both drugs aimed at reducing neuroinflammation but also nonpharmacological means such as hypothermia on a background of comorbidities are welcome.

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Guest Editor





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