Special Issue on
Cerebrovascular Regulation in Neurological Disorders

Hindawi

CALL FOR PAPERS

Cerebrovascular regulation, including cerebral autoregulation, cerebrovascular reactivity, and neurovascular coupling, is related to the occurrence and prognosis of cerebral infarction, intracerebral hemorrhage, subarachnoid hemorrhage, neuropsychiatric disorders, and so forth. Though several studies focused on cerebrovascular regulation in neurological disorders, the clinical value has not been fully displayed. Moreover, the regulatory mechanism of cerebrovascular regulation is still unclear. In addition, the appropriate approaches for evaluation and data analysis in clinical study need to be further discussed.

The aim of this special issue is to deeply explore the characteristics, mechanisms, and evaluation methods of cerebrovascular regulation in different neurological disorders; clinical studies are especially welcomed. Original article, review, and clinical studies, which describe the current state of the art, are encouraged in this special issue.

Potential topics include but are not limited to the following:

- ▶ The role of cerebrovascular regulation in ischemia-reperfusion injury
- ▶ Characteristics and mechanisms of cerebrovascular regulation in cerebral hemorrhage
- ▶ The role of cerebrovascular regulation in vasospasm in subarachnoid hemorrhage
- ▶ Characteristics and mechanisms of cerebrovascular regulation in brain trauma
- ▶ Related risk factors and independent risk factors of cerebrovascular regulation in stroke
- ▶ Basic research of cerebrovascular regulation in stroke/subarachnoid hemorrhage/brain trauma
- ▶ Translational studies to improve the understanding of cerebrovascular regulation in clinical conditions

Authors can submit their manuscripts through the Manuscript Tracking System at https://mts.hindawi.com/submit/journals/bmri/neurology/crnd/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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