



New Frontiers in Cerebrovascular Disorders

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Message from the Guest Editors

Despite the COVID-19 pandemic surge, cerebrovascular disorders continue to represent major causes of disability and mortality worldwide. In recent years, we have witnessed the milestone of mechanical thrombectomy in acute stroke treatment. Further advances in stroke diagnosis and treatment include the application of reperfusion therapies in an extended time window based on advanced neuroimaging, better understanding of the underlying etiologies of cryptogenic stroke, the establishment of transdermal closure in selected patients with PFO-associated stroke, promising minimally invasive techniques for hematoma evacuation, and insights into the mechanisms of stroke-associated neuroinflammation and neurorepair emphasizing on sex and age. It is commonplace to state that for every question answered in clinical medicine and in basic science, multiple new queries and debates arise.

- stroke
- thrombolysis
- thrombectomy
- recanalization
- stroke prevention
- cryptogenic stroke
- PFO-associated stroke
- stroke rehabilitation
- stroke imaging
- neurosonology
- COVID-19-associated stroke





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