Special Issue

Neurosurgery for Cerebral Aneurysms

Message from the Guest Editor

In recent years, there has been an increase in the detection of unruptured cerebral aneurysms. This creates a significant dilemma especially for neurologists and neurosurgeons in the decision-making process as whether to begin treating an aneurysm or to follow its progression. Research in the pathophysiology of cerebral aneurysms may elucidate our understanding of these lesions.

The rupture of cerebral aneurysms results in subarachnoid hemorrhage (SAH) is associated with different levels of neurological deficit or even death. Successful exclusion via either surgical or endovascular treatment is usually the first step in the treatment of ruptured aneurysms. Both surgical and endovascular techniques have continued to evolve enormously, with new materials and adjuvant technologies such as perioperative angiography, electrophysiological monitoring, surgical instruments, endoscopic techniques, as well as flow diverters, balloon- or stent-assisted coiling, and many more.

We welcome all original research studies, case reports, technical notes, or reviews focused on recent developments in the treatment of intracranial aneurysms and subarachnoid hemorrhage.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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