

Special Issue

The Latest Exploration of Cerebrovascular Diseases: From Preclinical Research to Treatment—2nd Edition

Message from the Guest Editors

The latest exploration of cerebrovascular diseases, which encompasses a range of conditions affecting blood flow to the brain and cerebral hemodynamic status, has marked significant advancements from preclinical research to clinical treatments. Preclinical studies have delved into the intricate mechanisms of these diseases, uncovering critical insights into risk factors, genetic predispositions, and molecular pathways. Breakthroughs in neuroimaging and biomarker identification have enhanced early detection and diagnosis, paving the way for more targeted interventions.

This Special Issue includes, but is not limited to, the following studies on cerebrovascular diseases:

1. Novel, non-invasive, and quantitative imaging techniques to assess brain hemodynamics and collateral vessel status through innovative MRI methods.
2. Neuroprotective drugs and advanced endovascular techniques.
3. Regenerative medicine, including stem cell therapy, etc.
4. Personalized medicine.
5. Integrating artificial intelligence and machine learning.

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Message from the Editor-in-Chief

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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