

## Special Issue

# Recent Advances in Brain Vascular Diseases Management and Therapy

### Message from the Guest Editor

This Special Issue of *IJMS* will provide an up-to-date information on molecular, cellular and pathophysiological events associated with different aspects of brain aging, from latest developments in the field of neurodegenerative disorders to cerebral microvascular mechanisms of cognitive decline. New avenues for research targeting cellular senescence, epigenetics, and endocrine mechanisms of brain aging are also discussed. Based on the current literature it is clear that understanding brain aging and reducing risk for neurological disease with age requires searching for mechanisms and treatment options beyond the age-related changes in neuronal function. We also cover brain vasculature recent advances in signaling pathways that can potentially protect cells as well as treatment options for the maintenance of cerebrovascular to prevent diseases associated with brain vasculature remodelling in response to aging and associated diseases and open new avenues for treatment options.

### Guest Editor

Prof. Dr. Aurel Popa-Wagner

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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