

## Special Issue

# Recent Advances in Brain Vascular Diseases Management and Therapy

### Message from the Guest Editor

This Special Issue of *Biomedicines* will provide up-to-date information on different aspects of brain aging, from the 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 age-related changes in neuronal function. This Issue will also cover recent advances in brain vasculature in signaling pathways that can potentially protect cells as well as treatment options for the maintenance of cerebrovascular functioning to prevent diseases associated with brain vasculature remodelling in response to aging and associated diseases and present new treatment options.

### Guest Editor

Prof. Dr. Aurel Popa-Wagner

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### Deadline for manuscript submissions

closed (20 December 2021)



## Biomedicines

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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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