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## Recent Advances in Brain Vascular Diseases Management and Therapy 2.0

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### Message from the Guest Editor

During the past several years, there has been increasing interest in the role of human cerebrovasculature and the blood-brain barrier (BBB) as etiological factors contributing to the development of seizures and chronic epilepsy. Recently, much emphasis has been placed on dysregulated angiogenesis, BBB permeability, and epilepsy.

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. This Special 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 cerebromicrovascular functioning to prevent diseases associated with brain vasculature remodeling in response to aging and associated diseases and present new treatment options.

Prof. Dr. Aurel Popa-Wagner

*Guest Editor*



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# Special Issue



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## 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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