



Recent Advances in Brain Vascular Diseases Management and Therapy

Guest Editor:

Prof. Dr. Aurel Popa-Wagner

1. Chair of Vascular Neurology
and Dementia, Essen University
Medical School, Essen, Germany
2. Experimental Research Center
for Normal and Pathological
Aging Director, University of
Medicine and Pharmacy of
Craiova, Craiova, Romania

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Message from the Guest Editor

Dear Colleagues,

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.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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