

Special Issue

The Role of Vascular Dysfunction in Neuronal Degeneration and Cognitive Impairment

Message from the Guest Editor

Neurodegeneration inevitably leads to cognitive impairment, significantly altering the quality of life of affected people. During the past decade, greater attention has been given to vascular effects involved in cognitive decline. The topic of vascular cognitive impairment and dementia has been identified as one of the research priorities by the NIH. Various mechanisms involving neurodegeneration and cognitive decline originating in vasculature have been identified and validated. However, many more questions remain. The main reason for this could be the functional complexity of neuro-vascular units and the number of cells that can affect vasculo-neuronal interactions during various neuroinflammatory and neurodegenerative diseases. This Special Issue aims to gather original findings and intriguing hypotheses related to alterations in vasculature, blood, and their components and function that can result in neurodegeneration and lead to cognitive decline. This Special Issue will consider the publication of both review articles and original research articles. 20% discount for the NNS-22 meeting participants.

Guest Editor

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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