

## Special Issue

# The Role of Vascular Dysfunction in Neuronal Degeneration and Cognitive Impairment (2nd Edition)

### 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. Based on success of our first edition, this second edition of the Special Issue is to gather original findings and intriguing hypothesis related to alterations in vasculature, blood, their components, and their function that can result in neurodegeneration and lead to cognitive decline. It should be noted that this Special Issue will consider publication of original research articles as well as review articles.

### Guest Editor

Prof. Dr. David Lominadze

1. Department of Surgery, Morsani College of Medicine, University of South Florida, Tampa, FL 33612, USA
2. Department of Molecular Pharmacology and Physiology, Morsani College of Medicine, University of South Florida, Tampa, FL 33612, USA

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*Biomolecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomolecules@mdpi.com](mailto:biomolecules@mdpi.com)

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Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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