

## Special Issue

# Pathophysiological Insights, Biomarkers and New Therapeutic Strategies in Immune-Mediated Disorders and Neurodegenerative Diseases

### Message from the Guest Editor

Neurodegenerative disorders are progressive and disabling diseases resulting in motor and cognitive disability, secondary to progressive neuronal loss with a high impact on quality of life. Moreover, immune system dysregulation and inflammatory patterns have been recognized as involved in several neurodegenerative diseases, not only autoimmune and demyelinating ones. Although inflammation may not represent the only pathological mechanism of neurodegenerative processes, it could play a crucial effect on disease progression. Further improvement research is needed to unravel and clarify new pathophysiological mechanisms and therapeutic strategies for neurodegenerative and immune-mediated neurological disorders. Also, reliable diagnostic, prognostic, and predictive biomarkers would be essential to advancing precision medicine. This Special Issue aims to highlight current knowledge regarding pathophysiological mechanisms, fluid biomarkers, and new therapeutic strategies in neurological diseases. Authors are welcome to cover all areas of clinical neurology, including neurodegenerative diseases and immune-mediated disorders of central and peripheral nervous system.

### Guest Editor

Dr. Eleonora Virgilio

Neurology Unit, Department of Clinical and Biological Sciences, University Hospital San Luigi Gonzaga, University of Turin, 10043 Turin, Italy

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

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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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

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