

## Special Issue

# Role of Natural Compounds in Neurological Diseases

### Message from the Guest Editors

Neurological disorders are diseases of the central and peripheral nervous system that can impair the functioning of brain, spinal cord, cranial and peripheral nerves, autonomous nervous system, nerve roots, and neuromuscular plaque. The main causes can be many: a) diseases due to gene alteration; b) degenerative diseases characterized by the progressive loss of populations of selectively vulnerable neurons; c) diseases of blood vessels which may cause brain bleeding; d) diseases due to problems in the development of the nervous system; e) disorders due to injury to the spinal cord or brain; f) convulsive disorders; g) brain tumors; and h) more or less severe infections. Recently, increasing evidence has suggested that good control of nutritional balance in patients with neurological diseases leads to a significant improvement in the symptoms and consequences of these pathologies. The articles included in this Special Issue should specifically discuss these topics highlighting the close connection between neurological disorders and the use of natural compounds. In this respect, it would be desirable that authors also describe biochemical and biomolecular mechanisms.

### Guest Editors

Prof. Dr. Vincenzo Mollace

Dr. Stefania Bulotta

Prof. Dr. Rosaria Arcone

Dr. Jessica Maiuolo

### Deadline for manuscript submissions

closed (31 December 2021)



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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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### Editor-in-Chief

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