

Special Issue

Neuroprotective Effects of Food Ingredients

Message from the Guest Editors

Neurodegenerative disorders, are a group of diseases characterized by the progressive loss of neurons from different regions of the brain. Neurodegenerative disorders share some molecular and cellular characteristics, such as a multifactorial character, related to oxidative stress and free radical formation, neuroinflammation, mitochondrial dysfunction, etc.

Presently, there are no therapeutic approaches to cure or even halt the progression of these disorders. On the other hand, external factors related to lifestyle, such as diet, have been postulated as preventive factors in neurodegeneration; in this regard, bioactive food ingredients, such as terpenoids, lipids, phenolic compounds, carotenoids, polysaccharides, peptides, etc., may interfere with different molecular mechanisms related to the progression of such diseases, considering their important associated biological activities. In this Special Issue, we invite researchers to contribute original research articles, as well as review articles, regarding the biological effect of food ingredients and bioactives from agri-food by-products in the prevention of neurodegeneration.

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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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