

Special Issue

Polyphenols and Neurodegenerative Disorders

Message from the Guest Editor

For the future of humanity, there are 86 billion neurons/reasons why it is important to study the medicinal and nutritional science of neurodegeneration. Alzheimer's disease, that is the foremost widespread dementia is a progressive age-risk-related disorder of the brain cortex and hippocampus regions, and involves the cognitive impairment along with reduced capacity/function. Dietary polyphenols are one of the most abundant types of plant secondary metabolites. Fruit and vegetables are rich sources of bioactive constituents that contribute to human health and experimental and epidemiological data indicates a function for polyphenols in the prevention of chronic diseases such as cardiovascular, type 2 diabetes, certain cancers and neuropathologies. Currently there is no definitive evidence from human studies or clinical trials that nutrient/lifestyle factors can modify cognitive disorders, or are neuroprotective against neurodegeneration. This Special Issue concerns with the biomolecular mechanisms of dietary polyphenols, essential knowledge in order to understand neurodegenerative disorders.

Guest Editor

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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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