

## 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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### Guest Editors

Prof. Dr. Elena Ibáñez

Laboratory of Foodomics, CIAL, CSIC, Nicolas Cabrera 9, 28049 Madrid, Spain

Prof. Dr. Alejandro Cifuentes

Laboratory of Foodomics, CIAL, National Research Council of Spain (CSIC), Madrid, Spain

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### Deadline for manuscript submissions

closed (30 March 2026)



## International Journal of Molecular Sciences

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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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Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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