

## Special Issue

# The Role of Dietary Phytochemicals in Brain Health

### Message from the Guest Editors

Emerging evidence suggests that dietary phytochemicals may exert beneficial effects on the central nervous system by protecting neurons against stress-induced injury, by suppressing neuroinflammation and by improving cognitive function. These phytochemicals can exert their action by crossing the blood–brain barrier or influencing the brain–gut–microbiome axis. In this regard, the identification of neuroprotective phytochemicals, their multiple targets and their underlying mechanisms of action has become a promising therapeutic strategy to complement pharmacological interventions for promoting brain health. This Special Issue is a unique opportunity to gather updated state-of-the-art research works that provide scientific evidence supporting the neuroprotective activity of phytochemicals from food or other natural sources. We invite you to submit original research articles, review articles targeting the role of dietary phytochemicals in various aspects related to brain health, including but not limited to neurodegenerative disorders, neuropsychiatric disorders, brain cancer and cognitive health.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 June 2023)



## International Journal of Molecular Sciences

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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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