

## Special Issue

# The Role of Nutraceuticals in Central Nervous System Disorders

### Message from the Guest Editor

Central nervous system (CNS) disorders span a wide range of ailments including neurodegenerative diseases and neuropsychological disorders, as well as neuronal injury subsequent to infection or trauma (e.g., traumatic brain injury). Although the underlying pathogenesis of any individual disorder may be unique, several common mechanisms appear to contribute to many of these conditions. In particular, oxidative stress, excitotoxicity, apoptosis, and (neuro)inflammation are significant contributing factors in the pathogenesis of multiple CNS disorders. For the current Special Issue, we seek the submission of articles focused on the interrogation of nutraceuticals as potential therapeutics for diverse CNS disorders. We are particularly interested in mechanistic studies performed in cell culture systems, invertebrates, or rodents, as well as investigations conducted in preclinical disease models. The overarching goals of this Special Issue are to highlight the potential utility of nutraceuticals in treating CNS disorders and to identify gaps in this field of inquiry which may stimulate future research.

### Guest Editor

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### Deadline for manuscript submissions

30 September 2025



## Nutraceuticals

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## About the Journal

### Message from the Editor-in-Chief

The contemporary world is struggling with an aging population, which necessitates the design of diets that promote “healthy aging”. In this context, nutraceuticals, health-supportive substances, are significant, remaining in the focus of scientific interests and being continuously developed worldwide. The *Nutraceuticals* journal focuses on the research and development of all fields related to these substances. All types of articles are welcome, including reviews, original papers, and short communications.

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### Editor-in-Chief

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