# Special Issue

# Dietary Supplement in Neurodegenerative Diseases: Nutritional Assessment

# Message from the Guest Editor

The Special Issue focuses on the role of dietary supplements in neurodegenerative diseases, with an emphasis on nutritional assessment and their potential therapeutic impact. As neurodegenerative conditions such as Alzheimer's disease, Parkinson's disease, and other cognitive disorders continue to rise globally, there is an urgent need to explore how nutritional interventions and dietary supplements can influence disease progression, cognitive health, and patient outcomes. This Special Issue welcomes original research articles, reviews, and clinical studies exploring: The mechanistic roles of dietary supplements in neuroprotection.

Nutritional biomarkers and assessment tools in neurodegenerative diseases.

The impact of polyphenols, vitamins, omega-3 fatty acids, probiotics, and other bioactive compounds on cognitive decline.

Clinical and preclinical studies evaluating nutritional strategies for neurodegenerative disease management. Gut-brain axis interactions and the influence of diet on neuroinflammation and brain ageing. We invite researchers to contribute and share cutting-edge insights into the role of dietary supplementation in brain health.

## **Guest Editor**

Dr. Binosha Fernando

Centre of Excellence for Alzheimer's Disease Research & Care, School of Medical and Health Sciences, Edith Cowan University, 270 Joondalup Drive, Joondalup, WA 6027, Australia

## Deadline for manuscript submissions

5 April 2026



# **Nutrients**

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed



mdpi.com/si/230591

Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

mdpi.com/journal/ nutrients





# **Nutrients**

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed





# **About the Journal**

# Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. Nutrients adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of Nutrients has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

### **Editors-in-Chief**

# Prof. Dr. Lluis Serra-Majem

- Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
- Research Institute of Biomedical and Health Sciences (IUIBS),
   University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
   Preventive Medicine Service, Centro Hospitalario Universitario
   Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las

#### Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

### **Author Benefits**

Palmas, Spain

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

## Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)