



an Open Access Journal by MDPI

The Effect of Nutrients on Neurological Disorders

Guest Editors:

Dr. Lorena Perrone

Faculty of Medicine and Surgery, Kore University of Enna, 94100 Enna, Italy

Dr. William B. Grant

Sunlight, Nutrition, and Health Research Center, P.O. Box 641603, San Francisco, CA 94164-1603, USA

Deadline for manuscript submissions: closed (24 May 2024)

Message from the Guest Editors

Recent findings clearly demonstrate that dietary patterns as well nutritional compounds play key roles on the onset and progression of neurological disorders, including genetic predisposition to develop neuronal cancers as well sporadic neurodegenerative diseases. The goal of this Special Issue is to provide new insight into the role of dietary patterns as well as micro and macro nutrients in relation to the onset and progression of neurological diseases. We aim to gather articles analyzing the molecular mechanisms regulated by defined nutritional compounds, including both micro and macro nutrients. Furthermore, this Special Issue aims to present articles analyzing the effect of nutrients both on the neuronal system and microbiome, since the gut-brain axis is important for the progression of neurological diseases. This Special Issue aims to provide research articles as well reviews that explore the role of nutrients and dietary patterns in modulating microbiome and the gut-brain axis as well the molecular mechanisms directly regulating the nervous system.



Specialsue





an Open Access Journal by MDPI

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 Palmas, Spain

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peerreview 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.

Prof. Dr. Maria Luz Fernandez

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

Author Benefits

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 (Food Science)

Contact Us

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