

Special Issue

Diet, Gut Microbiota and Neuropsychiatric Diseases

Message from the Guest Editors

Recently, there has been much interest in the role of microbiota changes in the pathophysiology of civilization diseases. The gastrointestinal tract holds the densest microbial community that plays critical roles in the function and development of several physiological processes. Our microbiota may be modulated by many circumstances, especially diet. Intestinal microbiota can influence central nervous system function. The diversity of the gut microbiota has appeared to play a significant role in the occurrence of mood and anxiety disorders, schizophrenia, or neurodegenerative disorders. There is increased evidence that an aberrant microbiota may bidirectionally relate to intestinal permeability, chronic inflammation, and oxidative stress exacerbation in tissues. This Special Issue will eagerly accept papers on the complex relationship between diet, microbiota, and neuropsychiatric diseases. We will willingly consider manuscripts explaining the mechanisms behind the influence of specific diet components or special diet regimens on the occurrence and severity level of neuropsychiatric diseases.

Guest Editors

Prof. Dr. Dominik Strzelecki

Department of Affective and Psychotic Disorders, Medical University of Lodz, 92-216 Lodz, Poland

Dr. Oliwia Gawlik-Kotelnicka

Department of Affective and Psychotic Disorders, Medical University of Lodz, Lodz, Poland

Deadline for manuscript submissions

closed (15 May 2024)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/143498

Nutrients

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

[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)





Nutrients

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)



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. Lluís Serra-Majem

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

Prof. Dr. Maria Luz Fernandez

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

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)