



*nutrients*



an Open Access Journal by MDPI

## Nutrition for Brain Development

Guest Editor:

**Dr. M. Hasan Mohajeri**

Department of Medicine, Institute  
of Anatomy, University of Zurich,  
Winterthurerstrasse 190, 8057  
Zürich, Switzerland

Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editor

This Special Issue focuses on factors that are implicated in the development of the brain, and thus have the potential to influence its functions. On the one hand, the brain depends on a steady and sufficient supply of oxygen and dietary ingredients for proper functioning. On the other hand, genetic predispositions and epigenetic and environmental factors may influence brain development and function. Imbalance in any of these factors may lead to the manifestation of developmental disorders of young ages, compromised daily capabilities, or age-associated brain disorders.

The goal of this Special Issue is to publish state-of-the-art contributions discussing the role of nutritional compounds, genetic factors, etc., on brain development, its functions, and aging. Mechanistic as well as epidemiological studies *in vitro*, *in vivo*, and in human subjects will be considered for publication. We encourage the submission of original research articles, reviews, and meta-analyses. Potential topics may include, but are not limited to the keywords given below.



[mdpi.com/si/44459](https://mdpi.com/si/44459)

# Special Issue



# *nutrients*



an Open Access Journal by MDPI

## 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)

## 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.

## Contact Us

*Nutrients* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/nutrients](http://mdpi.com/journal/nutrients)  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)  
[X@Nutrients\\_MDPI](https://twitter.com/Nutrients_MDPI)