

Special Issue

Early-Life Nutrition and Child Brain Development

Message from the Guest Editor

Early life nutrition plays a very important role in child brain development. Both maternal nutrition status during embryonic and fetal stages and child nutrition status during infancy and young childhood can significantly impact the rapidly developing brain and may have long-term consequences on neurodevelopmental and cognitive outcomes in children. This Special Issue calls for original research or review articles focusing on revealing and characterizing relationships between early life nutrition factors and brain development in children reflected by neuroimaging. Clinical research studies evaluating one or more early nutrition aspects and early brain development and/or pediatric neurodevelopmental outcomes that are presumably impacted by early brain development as reflected by neuroimaging features are welcome. Animal imaging research studies that can shed light on potential mechanisms and pathways linking early life nutrition and later brain development are also welcome. Finally, articles reviewing current literature and existing evidence are also welcome. We look forward to receiving your contributions.

Guest Editor

Dr. Xiawei Ou

Department of Radiology, Arkansas Children's Hospital, Little Rock, AR 72202, USA

Deadline for manuscript submissions

closed (26 January 2023)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/132687

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)