

Special Issue

Impact of Maternal Nutritional Status on Early Neurodevelopment in Infant

Message from the Guest Editors

This Special Issue invites high-quality research examining the pivotal role of maternal nutrition—from preconception through pregnancy and lactation—in shaping early neurodevelopmental outcomes. Growing evidence underscores how maternal dietary patterns, micronutrient adequacy, metabolic health, and nutritional interventions influence fetal brain development and early cognitive, motor, and socio-emotional trajectories.

We welcome contributions addressing maternal macro- and micronutrient status; the effects of malnutrition, obesity, and gestational metabolic disorders; and the influence of dietary behaviors and food insecurity on early neurodevelopment. Submissions exploring underlying biological mechanisms—including epigenetic regulation, placental function, inflammatory pathways, and microbiome-related processes—are strongly encouraged. Research conducted across diverse global contexts, particularly in low- and middle-income settings, is especially valued.

Guest Editors

Dr. Mònica Bulló

Dr. Francisco Algaba-Chueca

Dr. Elisa Félix-Soriano

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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.

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