

## Special Issue

# Neurodevelopment, Growth, and Nutrition of the Newborn

### Message from the Guest Editors

Improving the health of every neonate is fundamental to advancing the overall health of the global adult population. The dedication of the 2025 World Health Day to maternal and newborn health highlights the global significance of this issue. Advances in the survival of preterm infants—particularly those born very premature or with life-threatening complications—reflect decades of progress in perinatal medicine and neonatology. Although the latest ESPGHAN guidelines have brought greater alignment on feeding and growth strategies for very preterm infants, significant disagreements persist—especially regarding the exact type and amount of nutrition, as well as the ideal growth trajectory during the neonatal and infant periods. A central focus of this ongoing work should also be on essential nutrients that may act as limiting factors for adequate parenchymal growth, including key micronutrients and bioactive compounds such as select amino acids, long-chain polyunsaturated fatty acids, choline, iron, and zinc. This Special Issue of the journal *Nutrients* presents an important opportunity to publish targeted research that can help clarify critical aspects of neonatal nutrition.

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### Deadline for manuscript submissions

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## Nutrients

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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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### Editors-in-Chief

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