

## Special Issue

# Interactions Between Early Nutrition, Early Environment, and Immunity

### Message from the Guest Editors

The first 1000 days of life, including the intrauterine period, are critical for the development of a healthy immune system. During this time, both nutrition and environmental exposures play essential roles in shaping immune function. Specific nutrients, dietary patterns, and environmental factors impact the composition of the intestinal microbiota, which in turn has a decisive influence on immune system functionality throughout life. This special issue aims to highlight the complex interactions between early-life nutrition, environmental factors, and immune health. We welcome a diverse range of original studies—such as in vivo and in vitro research, case studies, cohort studies, and reviews—that explore how these interactions contribute to immune-related conditions across the lifespan. Areas of interest include, but are not limited to, allergies, infections, autoimmune diseases, immunodeficiencies, neuroimmune disorders, obesity, metabolic syndrome, and diabetes.

### Guest Editors

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### Deadline for manuscript submissions

25 May 2025



## 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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