

Special Issue

Relationship Between Nutrition and Allergy and Immunity in Children

Message from the Guest Editors

The interplay between nutrition, allergy, and immunity in children represents a rapidly evolving research field with major clinical and public health implications. Nutritional factors, starting from maternal diet and early feeding practices, are known to influence immune system maturation, tolerance induction, and susceptibility to allergic diseases. At the same time, allergic conditions may significantly affect nutritional status, growth, and quality of life in pediatric populations.

This Special Issue aims to provide a comprehensive overview of current knowledge on the bidirectional relationship between nutrition and immune-mediated diseases in children. We welcome contributions that explore the role of breastfeeding, complementary feeding, micronutrients, probiotics, and dietary interventions in allergy prevention and management. In addition, studies addressing the immunological mechanisms linking diet and allergic diseases, as well as clinical trials focused on nutritional strategies for pediatric patients with food allergy, asthma, or atopic dermatitis, are encouraged to be submitted to this Special Issue.

Guest Editors

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Dr. Cristiana Indolfi

Dr. Angela Klain

Deadline for manuscript submissions

closed (15 April 2026)



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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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