

Special Issue

Optimizing Infant Nutrition to Support Gut Microbiota and Prevent Paediatric Nutritional Disorders

Message from the Guest Editors

The early years of life are crucial for the development of a robust gut microbiota, a key player in the overall health of children. Decades of research have emphasized that nutrition during infancy profoundly shapes the microbial communities within the gut, influencing immune responses, metabolic pathways, and general health. This special Issue seeks to delve into the intricate relationship between infant nutrition and gut microbiota, with a concentrated focus on the prevention of paediatric nutritional disorders. Our goal is to unite leading researchers and clinicians to explore how early dietary interventions can be leveraged to optimize gut health, thereby contributing to the prevention of diseases that originate from or are exacerbated by nutritional imbalances. This Special Issue will spotlight pioneering studies that explore these cutting-edge topics, offering fresh perspectives and novel methodologies. We are seeking contributions in the form of original research articles, comprehensive reviews, and clinical studies that provide valuable insights into the nexus of infant nutrition, gut microbiota, and paediatric health.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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