Special Issue

Dietary Strategies and Mechanistic Insights in Pediatric Allergies

Message from the Guest Editors

Pediatric allergic disorders, including food allergies, atopic dermatitis, asthma, and allergic rhinitis, represent an increasing global health challenge with a significant impact on children's growth, development, and quality of life. Dietary strategies remain crucial in both prevention and management, ranging from strict elimination diets to structured reintroduction protocols, such as the milk and egg ladder. These approaches can help improve tolerance and ease the burden of dietary restrictions. Novel approaches, including oral immunotherapy, earlylife nutritional interventions for food allergy prevention. and the modulation of the gut microbiota, have opened up new avenues in pediatric allergy care. At the same time, the role of diet in certain conditions, such as atopic dermatitis or chronic spontaneous urticaria, is often overestimated, highlighting the need for critical evidence-based evaluations. Furthermore, the clinical importance of cross-reactive allergies, such as in pollen-food allergy syndrome in children, requires further exploration, as they may significantly complicate diagnostic and therapeutic strategies.

Guest Editors

Dr. Urszula Jedynak-Wąsowicz

Department of Pediatrics, Children's University Hospital, Jagiellonian University Medical College, Wielicka 265 Str., 30-663 Krakow, Poland Prof. Dr. Ewa Cichocka-Jarosz

Department of Pediatrics Children's University Hospital, Jagiellonian University Medical College, Pulmonology, Allergy and Dermatology Clinic Children's University Hospital, Krakow, Poland

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Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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- Research Institute of Biomedical and Health Sciences (IUIBS),
 University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
 Preventive Medicine Service, Centro Hospitalario Universitario
- Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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