



children



an Open Access Journal by MDPI

Risk of Metabolic, Endocrine and Cardiovascular Disorders in Children with Overnutrition and Undernutrition

Guest Editor:

Dr. Valeria Calcaterra

1. Department of Internal Medicine and Therapeutics, University of Pavia, 27100 Pavia, Italy

2. Department of Pediatrics, Buzzi Children's Hospital, 20157 Milano, Italy

Deadline for manuscript submissions:

closed (15 November 2022)

Message from the Guest Editor

As reported by the World Health Organization, child growth is internationally recognized as an important indicator of nutritional status and health in populations. There is a growing body of evidence that nutritional status can both positively and negatively modulate the organ systems involved in the homeostasis of the body. Both undernutrition and overnutrition are associated with endocrinometabolic and cardiovascular derangement and pro-inflammatory processes, increasing the risk of age-related morbidity and premature mortality.

In particular, childhood obesity, prenatal malnutrition, undernutrition, and overnutrition in children with disability and/or other chronic diseases are associated with cardiovascular disease, diabetes, metabolic syndrome, and endocrine disorders.

Healthy nutrition and physically active lifestyles are key elements to preserving health and well-being and reducing endometabolic and cardiovascular disease risks. The early detection of comorbid conditions related to malnutrition is useful for developing personalized interventions and preserving cardiometabolic health into adulthood.



mdpi.com/si/124641

Special Issue



children



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul R. Carney

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MI 65201, USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), and [other databases](#).

Journal Rank: JCR - Q2 (Pediatrics) / CiteScore - Q2 (Pediatrics, Perinatology and Child Health)

Contact Us

Children Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/children
children@mdpi.com