

Special Issue

Metabolic Insights into Pediatric Overweight and Obesity: Mechanisms, Impacts and Interventions

Message from the Guest Editors

As we are facing a continuously evolving pandemic of childhood obesity, which is translated not only into a growing public health challenge but also into an urgent need for more evidence-based approaches to flatten the curve of childhood obesity incidence. Obesity is considered the most prevalent form of malnutrition worldwide nowadays. The childhood overweight and obesity silently impacts adult life, shortening lifespan by adding many other NCDs. This Special Issue aims to explore the complex metabolic underpinnings of overweight and obesity in children and highlight the current state of the art in childhood obesity after the global COVID-19 pandemic, addressing multifaceted causes, including genetic, endocrine, environmental, and behavioral factors contributing to excessive weight gain in children, focusing on the metabolic disbalances which occur as a result. So, we invite you to submit your research addressing overweight and obesity in children from a metabolic perspective in order to try to bridge the gap in knowledge needed to tackle this yet unsolved problem of the continuous rising incidence of childhood obesity.

Guest Editors

Dr. Anca Balanescu

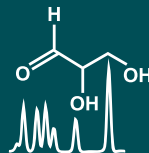
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Deadline for manuscript submissions

closed (15 January 2025)



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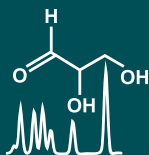


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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo

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