

Special Issue

Childhood Obesity and MUO (Metabolically Unhealthy Obesity): Pediatric Nutrition and Dietary Patterns

Message from the Guest Editors

We are pleased to invite researchers to submit original or review papers regarding metabolically unhealthy obesity (MUO) in pediatrics, with an emphasis on dietary patterns and nutrition interventions. Pediatric obesity is characterized by an increased risk of several metabolic derangements. The underlying factors leading to the development of metabolic disturbances in pediatric obesity are under investigation; the most likely one is the development of insulin resistance, mainly caused by adipose tissue inflammation. It is also known that puberal age, in which a physiological decrease in insulin sensitivity occurs, is associated with the transition from the MHO to MUO phenotype. A Mediterranean diet may be a promising approach for the treatment/prevention of metabolic derangements related to obesity.

Moreover, the role of specific nutrients or bioactive compounds could be interesting to evaluate. The goal of this Special Issue is to present the latest evidence on dietary patterns or nutrition strategies which, combined with a multidisciplinary approach, are able to prevent/counteract MUO.

Guest Editors

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Dr. Giulia Fiore
Dr. Elisabetta Di Profio

Deadline for manuscript submissions

closed (15 April 2024)



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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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