



*children*



an Open Access Journal by MDPI

## Body Composition in Children

Guest Editors:

### **Dr. Odysseas Androutsos**

Laboratory of Clinical Nutrition and Dietetics (CND-Lab), Department of Nutrition and Dietetics, School of Physical Education, Sport Science and Dietetics, University of Thessaly, 42132 Trikala, Greece

### **Prof. Dr. Antonis Zampelas**

1. Hellenic Food Authority, 124 Kifisias Av. & 2 Iatridou Str., 11526 Athens, Greece  
2. Department of Food Science and Human Nutrition, Agricultural University of Athens, Iera Odos 75, 11855 Athens, Greece

Deadline for manuscript submissions:

**closed (20 November 2021)**

### **Message from the Guest Editors**

Body composition plays an important role in children's health and influences energy requirements. It is determined by a large number of factors, including genes, age, gender, ethnicity, perinatal factors, energy balance (nutrition, physical activity, sedentary behavior) and health status, while it is assessed by various complex techniques (e.g., four compartment model) or more surrogate methods (anthropometry, bioelectrical impedance analysis, etc.).

The Special Issue on "Body Composition in Children" aims to host articles that will focus on healthy or ill pediatric populations and will advance current knowledge on the role of body composition on children's health, explore the determinants of malnutrition across childhood, present new techniques or test the validity of existing tools to assess body composition and provide new insights into how interventions can improve body composition in children and adolescents.



[mdpi.com/si/64275](https://mdpi.com/si/64275)

**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](http://www.mdpi.com)

[mdpi.com/journal/children](http://mdpi.com/journal/children)  
[children@mdpi.com](mailto:children@mdpi.com)