



*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