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Risk of Cardiovascular and Metabolic Diseases in Overweight and Obese Children

Guest Editor:

Dr. Valeria Calcaterra

Pediatric and Adolescent Unit,
Department of Internal Medicine,
University of Pavia, 27100 Pavia,
Italy; Department of Pediatrics,
Children's Hospital "Vittore
Buzzi", 20154 Milano, Italy

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Message from the Guest Editor

Pediatric obesity remains a significant and prevalent public health concern. The major factors affecting weight regulation and the development of childhood obesity include genetic, environmental factors, developmental influences and the complex interactions between them. Children and adolescents with obesity are at major risk for developing a range of comorbid conditions, including cardiovascular and metabolic disease, which may significantly affect their daily lives as well as increase mortality risks.

This Special Issue aims to review the effects of obesity on health and well-being, to consider the latest findings on the risk factors associated with cardiovascular and metabolic diseases in pediatric patients with obesity, to explore the mechanistic understanding, development of novel diagnostics, and potential therapeutic targets within cardiovascular, metabolic diseases, and to underline the crucial role of the weight management strategies that may help patients to achieve and maintain weight loss in order to prevent obesity-related complications. Preventive interventions in children and adolescents may ameliorate the future burden of weight-related diseases.



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Special Issue



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Editor-in-Chief

Prof. Dr. Paul R. Carney

Departments of Child Health and
Neurology, University of Missouri,
400 Keene Street, Columbia, MO
65211, USA

Message from the Editor-in-Chief

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Contact Us

Children Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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