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Childhood and Adolescent Obesity and Weight Management: 3rd Edition

Guest Editor:

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Message from the Guest Editor

Obesity is a leading preventable cause of morbidity and mortality worldwide, with rapidly and unrelentingly increasing rates in children and adolescents. Obesity, especially starting from an early age, increases the risk of metabolic, cardiovascular, reproductive, orthopedic, mental, allergic/autoimmune, and neoplastic diseases, and curtails life expectancy. It is strongly related to chronic stress and associated with insulin resistance, metabolic syndrome, non-alcoholic fatty liver disease, type 2 diabetes mellitus, hypertension, polycystic ovary syndrome, obstructive sleep apnea, osteoarthritis, and depression. Obesity and its accompanying manifestations also negatively affect specific populations, such as childhood cancer survivors and children with developmental and behavioral disorders. There is an urgent need to understand all the factors contributing to childhood and adolescent obesity, in order to best implement effective treatment and prevention approaches, both of which have proven to be elusive so far.



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Special Issue



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Message from the Editor-in-Chief

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