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Fatty Acids and Obesity

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Deadline for manuscript
submissions:

closed (15 September 2022)

Message from the Guest Editor

The prevalence of childhood obesity is constantly increasing, representing a world-wide health issue described, indeed, as a global pandemic.

According to the WHO, the prevalence of obesity among children and adolescents aged 5-19 increased to 18% in 2016, the total number of obese children and adolescents reached 124 million. These alarming statistics have been drastically affected by the current COVID-19 pandemic, which has caused disruption to routines, contributing to a worsening prevalence of obesity in youths of all ages.

The rising incidence of this condition is also correlated with the increasing prevalence of its comorbidities: T2DM, hypertension (and other CV complications), dyslipidaemia, and ectopic deposition of fatty acids (in liver and muscle).

Circulating fatty acids play a key role in the development of this condition, therefore, it is important to define their metabolic role and the consequent occurrence of complications.

This Special Issue aims to collate current research including up to date investigations and developments evaluating the role of the current COVID-19 pandemic.



mdpi.com/si/110037

Special Issue



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Journal Rank: JCR - Q1 (*Nutrition & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

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