

Special Issue

Fatty Acids and Obesity

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.

Guest Editor

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Deadline for manuscript submissions

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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