



nutrients



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Influence of Fructose and Glucose Metabolism for Human Health

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submissions:

closed (15 July 2022)

Message from the Guest Editors

The impact of unbalanced nutrition on physiological functions is a public health concern. Sugar overconsumption has been highlighted as potentially harmful by institutes involved in nutritional recommendation, including the French Anses institute. Since the 1960s, sugar has been added to processed food. In addition, the ending of European sugar quota in 2017 will likely further increase its intake by 8–15% in the next decade. The nature of ingested sugars is particularly important since monosaccharides—products of sugars digestion, including glucose, fructose, galactose—do not have the same impact, depending on the organs they are absorbed in.

This Special Issue of the journal *Nutrients* will welcome original articles or reviews addressing the questions of the impact of ingested sugars on health. We invite you to submit manuscripts that provide insights on how complex sugars or monosaccharides affect cerebral or peripheral functions. Studies showing how sugar consumption impact gut microbiota physiology will be also welcome. Relevant epidemiological data or research focusing on human, animal models or on “in vitro” approaches will be welcome.



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Special Issue



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Message from the Editorial Board

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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