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Polyphenols for Diabetes

Guest Editors:

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Conesa**

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Deadline for manuscript
submissions:

closed (20 May 2023)

Message from the Guest Editors

Diet plays a pivotal role in diabetes management, and varied evidence has revealed the potential of dietary bioactives toward minimizing disease complications. In particular, the pleiotropic action of (poly)phenols has been associated with the improvement of diabetes clinical signs, such as impaired insulin secretion and sensitivity, amyloidogenesis, oxidative stress, glycation, and inflammation. Although these are encouraging facts, there are still gaps in knowledge that need to be fulfilled for an effective exploitation of dietary (poly)phenols as allies in the fight against diabetes and co-morbidities. Therefore, we invite authors to contribute with high-quality original or review papers highlighting the power of (poly)phenols to modulate diabetes pathophysiology, with particular attention to microbial metabolites and host-derived conjugates for an accurate characterization of the health benefits of these compounds.



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Special Issue



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