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The Influence of Nutrition and Diet Management on the Origin of Type 2 Diabetes

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Deadline for manuscript
submissions:

closed (25 August 2024)

Message from the Guest Editor

Dear Colleagues,

Postprandial hyperglycemia is known to precede the development of type 2 diabetes. It is mainly characterized by the insulin resistance of the skeletal muscle and by the failure of timely insulin secretion from the pancreatic β -cells. Hyperglycemia-induced hyperinsulinemia often leads to an unwanted excessive decrease in blood glucose levels, which elicits overeating and the activation of counter-insulin hormonal systems. The glycemic rollercoaster further worsens insulin resistance and the dysfunction of β -cells, creating the vicious cycle that leads to the development of diabetes, and, therefore, can be regarded as the origin of type 2 diabetes. This Special Issue focuses on the influence of nutrition and diet on postprandial hyperglycemia and/or reactive hypoglycemia, which ignites the fire of type 2 diabetes.

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Guest Editor



mdpi.com/si/195325

Special Issue



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

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