



nutrients



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Nutritional Regulation of Insulin Resistance and Lipid Metabolism

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Insulin resistance is one of the risk factors associated with obesity that is relevant to the development of metabolic syndrome (MetS). In fact, MetS is the group of determining risk factors leading to heart disease and stroke, being the leading cause of death in the world. It is known that lipid metabolism plays an important role in the development of insulin resistance. Thus, the type of diet, and therefore the components of the food (nutrients and non-nutrients), has a determining role in the regulation of metabolism, as well as in the development of insulin resistance. Numerous studies show that food components have biological effects at different levels, ranging from microbiota changes and regulating insulin resistance through the intestinal-brain axis to gene expression regulation.

In this Topic, we invite researchers to submit novelty papers on the effects of nutritional compounds related to lipid metabolism and insulin resistance. We welcome original research articles, animal and clinical studies, as well as review articles.



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Special *Issue*



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