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Adipose Tissue Metabolism in Obesity, Diabetes and Cardiovascular Disease

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Obesity and diabetes are important risk factors for the development of cardiovascular disease. Adipose tissue dysfunction is a major contributor to these disease processes. Visceral and epicardial adipose tissue can have endocrine functions and proinflammatory roles that contribute to diabetes and cardiovascular disease, while the thermogenic and endocrine functions of brown adipose tissue have the opposite effect of lessening the severity of cardiovascular disease. Of importance, nutrition-based therapies can improve adipose tissue metabolism and alleviate various proinflammatory processes, oxidative stress, and stress-sensitive signaling pathways. This Special Issue will draw attention to the complex interaction between nutrition, adipose tissue metabolism, obesity, diabetes, and cardiovascular disease.



mdpi.com/si/168122

Special Issue



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

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