



## Mechanisms of Insulin Resistance and Adipose Tissue Dysfunction

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### Message from the Guest Editor

Insulin resistance (IR) is defined as the impaired intracellular signaling of endogenous and exogenous insulin. IR is a major key player in those metabolic derangements that characterize pathological conditions (e.g., diabetes and metabolic syndrome). Adipocyte and adipose tissue dysfunction belong to the primary defects in obesity and may link obesity to several health problems, including increased risk of insulin resistance, type 2 diabetes, and fatty liver disease.

This Special Issue focuses on the study of the mechanisms of insulin resistance and adipose tissue dysfunction in obesity and type 2 diabetes. Potential topics include but are not limited to decipher the cellular and molecular mechanisms involved in insulin resistance, and the pathophysiological mechanisms connecting adipose tissue dysfunction to the development of insulin resistance, type 2 diabetes, or fatty liver. We warmly welcome original papers and reviews on this widely discussed topic.





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