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Advances in Insulin Resistance

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Message from the Guest Editors

Dear Colleagues,

Insulin resistance arises when cells in fat, skeletal muscle, the heart and the liver cannot respond to insulin hormone. It has been reported that insulin resistance plays a critical risk factor for development of type 2 diabetes mellitus, cardiovascular disease and other related metabolic diseases. Development of insulin resistance is strongly associated with several important metabolic pathways such as glucose/lipid metabolism, ectopic lipid accumulation, mitochondria dysfunction, ER stress and inflammation. The aim of this Special Issues is to find and delineate new molecular targets and mechanisms which reduces a main cause of insulin resistance.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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