

Special Issue

Advances in Insulin Resistance Research: 2nd Edition

Message from the Guest Editor

Insulin resistance arises when cells in fat, skeletal muscle, the heart and the liver cannot respond to the hormone insulin. It has been reported that insulin resistance is a critical risk factor for the development of type 2 diabetes mellitus, cardiovascular disease and other related metabolic diseases. The 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 reduce the main cause of insulin resistance.

Guest Editor

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