

Special Issue

Clinical Research on Insulin Resistance

Message from the Guest Editors

Insulin sensitivity is the main regulator of the metabolic processes of the body, and, consequently, its derangement leads to metabolic disorders, the most well-known being type 2 diabetes mellitus and so-called “metabolic syndrome”. The level of insulin sensitivity is in turn regulated by other hormones, the nervous system, and many local molecules. At present, we have simple measures of insulin resistance that can help us in our clinical work. The most well-used, HOMA-IR, is most useful in the follow-up of patients, but still has a level of uncertainty and does not identify the level of insulin sensitivity of different tissues. We need a simple index and a robust algorithm that can at least help us determine the insulin sensitivity of the most relevant organs, such as the liver, heart, and adipose tissue. The aim of this Special Issue is to invite all researchers in the field of insulin resistance to contribute with their work to define where we are, the strengths and the limitations of what we have, and to pave the way for better knowledge on and a new therapy of this critical physiologic process and its derangement.

Guest Editors

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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