



Clinical Research on Insulin Resistance

Guest Editors:

Prof. Dr. Patrizio Tatti

Department of Endocrinology
and Diabetes, INI Institute, Rome,
Italy

Prof. Dr. Giancarlo Tonolo

ASSL Olbia, Via Bazzoni-Sircana
2, 07026 Olbia, Italy

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and
Critical Care Medicine, University
of Tokyo, Tokyo 113-8655, Japan

Message from the Editorial Board

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!

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Medicine, General & Internal*) / CiteScore - Q1 (General Medicine)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)