

## 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.

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### Guest Editor

Dr. Byungyong Ahn

Department of Food Science and Nutrition, University of Ulsan, Ulsan 44610, Republic of Korea

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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