

## Special Issue

# Insulin Sensitivity/Resistance: From Physiology to Disease

### Message from the Guest Editors

Insulin is of utmost importance not only for the regulation of metabolism but is implicated also with growth and senescence and overall has pleiotropic effects. Many factors regulate and/or interfere with insulin sensitivity including genetic and epigenetic factors, hormones, inflammation and dysregulation of autophagy and reticular endothelial stress. More recently environmental factors, and among these endocrine disrupting chemicals, have been shown to have negative effects on insulin sensitivity. Reduced insulin sensitivity can be both cause and consequence of disease, and common conditions such as polycystic ovarian disease can have an underlying condition of impaired insulin sensitivity. This issue will focus comprehensively on all aspects of insulin sensitivity. Molecular and cell biology studies are welcome as well as studies both on humans and animals. New scientific data on standard treatments as well as new options will be considered. We encourage original articles, comprehensive reviews and detailed focused reviews, and reports of research protocols.

### Guest Editors

Dr. Maria Elisabeth Street

Prof. Paolo Moghetti

Prof. Dr. Francesco Chiarelli

### Deadline for manuscript submissions

closed (31 March 2022)



## 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

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