



Insulin Sensitivity/Resistance: From Physiology to Disease

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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.





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Message from the Editor-in-Chief

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