

Special Issue

Mechanisms of Adipokine Action in Obesity Mediated Metabolic Comorbidities

Message from the Guest Editors

Obesity is a global health burden with associated high health care costs. It correlates with an excess of body fat accumulation that augments physiological changes and enhances the development of diseases such as type 2 diabetes mellitus, hypertension, cardiovascular and kidney diseases. Adipose tissue is in excess in obesity and is a source of hormonally active substances, i.e., the adipokines. Adipokines are a family of cytokines that have a complex set of actions that can be dysregulated in obesity. The goal of this Special Issue on “Mechanisms of Adipokine Action in Obesity Mediated Metabolic Comorbidities” is to provide recent insights into the role of gender and/or age on release of adipokines and on the adipokines’ effect in the development, improvement and prevention of obesity-mediated metabolic diseases. The data presented in each article will provide the scientific community with a compilation of recent findings on the impact of gender and/or age on the progression of metabolic diseases in obesity.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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