

Special Issue

Obesity, Genes, and Obesity-Related Disorders

Message from the Guest Editor

Obesity is one of the biggest health issues in today's society. It is well accepted that increased adiposity is associated with metabolic disturbances, the development of low-grade inflammatory processes, hypertension, diabetes, an enhanced risk of coronary heart disease, and certain cancers. In addition to the obvious environmental influences, there is considerable evidence to support the roles of genetic factors and epigenetic mechanisms in different pathways involved in obesity development. Excessive accumulation of adipose tissue drives disturbances in adipocyte metabolism and cross-talk between adipocytes and other cells, resulting in the development of obesity-associated diseases. For this Special Issue, we seek papers focused on mechanisms associated with the development of obesity and obesity-related diseases, including cell-to cell metabolic cross-talk, as well as cross-talk among the brain, gastrointestinal tract, microbiome, and adipose tissue and the molecular mechanisms underlying these processes. New insights into molecular mechanisms related to changes in eating behaviors leading to obesity are also of importance.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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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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