

Special Issue

Role of Dysfunctional Adipose Tissue in the Pathogenesis of Multiple Organ Injuries

Message from the Guest Editor

This Special Issue of the *International Journal of Molecular Sciences* (IJMS) aims to address all aspects of the most recent research on molecular mechanisms linking dysfunctional adipose tissue to an array of health problems, including insulin resistance, type 2 diabetes, dyslipidemia, fatty liver disease, neurodegenerative disorders, and cardiovascular diseases. Understanding the mechanisms linking dysfunction adipose tissue to unhealthy obesity could potentially lead to identifying novel therapeutic targets better able to manage the adverse cardiometabolic outcomes of obesity. The scope of this Special Issue includes, but is not limited to, the following:

- Dysfunctional adipose tissue and beta-cell wellness: an ineffective combination.
- Impact of dysfunctional adipose tissue depots on the cardiovascular system.
- Role of adipose tissue dysfunction in the onset of obesity-related hypogonadism.
- Adipose tissue inflammation and pulmonary dysfunction in obesity.
- Mechanisms linking excess of adipose tissue to increased risk of neurodegenerative diseases.
- Dysfunctional adipose as risk factors for the development of dermatological diseases.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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About the Journal

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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