

## 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

Prof. Sebastio Perrini

Department of Emergency and Organ Transplantation, Section of Internal Medicine, Endocrinology, Andrology and Metabolic Diseases, University of Bari Aldo Moro, I-70124 Bari, Italy

---

### 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

---



[mdpi.com/si/79206](https://mdpi.com/si/79206)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)



## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

---

### Editor-in-Chief

Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)