



Adipokines as Peripheral Signals for the Integration of Energy Balance and Reproduction

Guest Editors:

Dr. Roberta Lattanzi

Department of Physiology and Pharmacology "Vittorio Erspamer", University Sapienza, Rome, Italy

Dr. Rossella Miele

Department of Biochemical Sciences "A. Rossi Fanelli", Sapienza University of Rome, Piazzale Aldo Moro 5, I-00185 Rome, Italy

Deadline for manuscript submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

In mammals, reproductive functions are known to be tightly regulated by energy availability. Atypical weight loss or gain (obesity) negatively affects the reproductive axis. The balance between energy homeostasis and reproduction is monitored by a complex system involving the brain and a variety of peripheral tissues. This process occurs via numerous factors, including metabolic hormones and nutrients.

The aim of this Special Issue is to review emerging aspects of the role of adipokines, endocrine factors secreted primarily by white adipose tissue, in the regulation of fertility and reproduction in health, obesity and reproductive disorders.

Dr. Roberta Lattanzi

Dr. Rossella Miele

Guest Editors





an Open Access Journal by MDPI

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

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.

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, CAPlus / SciFinder, and other databases.

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

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI