

Special Issue

Recent Research in Primary Osteoporosis: From a Bone Marrow Adiposity Perspective

Message from the Guest Editor

Primary osteoporosis (OP) type I (postmenopausal OP) and type II (age-associated OP) are characterized by bone mass loss and altered bone microarchitecture, ultimately resulting in an increased risk of fractures. In both OP types, bone mass is inversely correlated with medullary adiposity. Mounting evidence indicates that marrow adipocytes and their products of secretion may play a key role in skeletal pathophysiology, making them a potential target for new therapy development. This Special Issue will focus on the latest advances regarding our understanding on the role of marrow adiposity in the development of primary OP disease. Researchers are invited to submit original research and review articles covering significant developments in the field, ranging from basic to clinical studies. Interdisciplinary approaches are more than welcome, including molecular, cellular, bone tissue and individual aspects, as well as novel strategies targeting marrow adiposity that show promise in the prevention of primary OP.

Guest Editor

Dr. Alexandrine During

1. Marrow Adiposity and Bone Laboratory (MABLab) ULR4490, Université de Lille, 59000 Lille, France
2. CHU Lille, Université du Littoral Côte d'Opale, 62228 Calais, France

Deadline for manuscript submissions

closed (10 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/119566

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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*, 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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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)