



Metabolic Bone Diseases: Pathophysiology and Molecular Biology

Guest Editors:

Prof. Dr. Andreas K. Nüssler

Siegfried-Weller Institute for
Trauma Research, BG Trauma
Center, University of Tuebingen,
Schnarrenbergstrasse 95, 72070
Tuebingen, Germany

Dr. Sabrina Ehnert

Department of Trauma and
Reconstructive Surgery, Siegfried
Weller Research Institute,
Eberhard Karls University
Tuebingen, BG Trauma Center
Tuebingen, 72076 Tuebingen,
Germany

Deadline for manuscript
submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

Nowadays dramatic demographic changes towards an aging society along with a quiescent lifestyle results in a raised incidence of metabolic diseases worldwide, such as diabetes mellitus type 2. Many of these diseases affect bone metabolism. Indeed, there are more than 70 diseases and health conditions reported causing so-called metabolic bone diseases—characterized by bone pain, altered posture, and poor bone quality (e.g. osteopenia or osteoporosis), and consequently an increased fracture risk.

This Special Issue will contain a collection of manuscripts that describe investigations into the different stages of bone metabolic diseases, reflecting our current knowledge and describing several diseases and the underlying molecular mechanisms, molecular diagnostics, and novel molecular treatment/therapeutic options.

Prof. Dr. Andreas K. Nüssler

Dr. Sabrina Ehnert

Guest Editors





an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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