



an Open Access Journal by MDPI

# **Bone and Cartilage Biology**

Guest Editor:

# Message from the Guest Editor

**Prof. Dr. Riko Nishimura** Department of Molecular and Cellular Biochemistry, Osaka

University, Suita, Japan

Deadline for manuscript submissions: closed (30 April 2022) Dear Colleagues,

Bone and cartilage biology has advanced significantly in the last decade. In particular, revolutionary new technologies including gene-editing techniques. bioinformatics using next-generation sequencers, and in vivo imagining approaches contribute to the paradigm shift of bone and cartilage biology. These pivotal studies promote the understanding of bone and cartilage biology at a molecular, cellular, and animal level and provide important knowledge for molecular and pathological mechanisms of bone and cartilage diseases. This Special Issue focuses on new frontiers of bone and cartilage biology and provides novel ideas for bone and cartilage diseases

Prof. Dr. Riko Nishimura *Guest Editor* 









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 and Molecular Biology) / CiteScore - Q1 (Inorganic 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