

## Special Issue

# Molecular Mechanism of Pathogenesis of Osteoarthritis

### Message from the Guest Editor

Osteoarthritis (OA) occurs not only in knee but also in peripheral joints throughout the whole body. Multiple environmental and genetic factors have been shown to be associated with OA, but the complexity of the joint degradation process is not yet fully understood. Recently, a senescence-inducible factor in cartilage has been reported, and the factor was induced during aging, indicating the existence of key factors which induce degeneration of articular cartilage independent from aging and mechanical loading. In this Special Issue, we invite papers on novel molecular mechanisms of pathogenesis of osteoarthritis, including cell cycle arrest, senescence-promoting molecules, and stem cell senescence.

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### Guest Editor

Dr. Takako Hattori

Department of Biochemistry and Molecular Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama 700-8558, Japan

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### Deadline for manuscript submissions

closed (31 May 2023)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*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)

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### 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.

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### 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

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