

Special Issue

Osteoarthritis Biomarkers, Diagnosis and Treatments

Message from the Guest Editor

For several decades, osteoarthritis (OA) has remained the most common cause of disability in older adults. The relationship between osteoarthritis, cartilage degeneration and bone is strong and complex. Research on the mechanisms of osteoarthritis can help us to determine the molecular biology, biochemical, and biomechanical mechanisms involved in the degeneration, repair and regeneration of joints. New targets and compounds for these targets are currently under investigation.

This Special Issue aims to focus on the most recent research conducted in the domain of molecular mechanisms that impact OA repair and treatments. Experimental studies, as well as clinical submissions with biomolecular experiments, are within the scope of our Special Issue and are welcomed for submission, in particular (1) disease-modifying OA drugs, (2) advanced cell treatments for osteoarthritis, (3) changes in cells' biological mechanisms resulting from osteoarthritis; (4) osteoarthritis and chemical and biomolecular engineering.

All authors are invited to send their research related to the topic of our Special Issue, including both original and review articles.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2024)



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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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