

Special Issue

Recent Advances in Osteoarthritis Pathways and Biomarker Research

Message from the Guest Editor

Osteoarthritis is a complex disease characterized by joint degeneration, remodeling, and low-grade inflammation. Despite intensive research, no significant pharmacological breakthroughs have been achieved in the last two decades. Several critical pathways, such as chondrocyte degeneration, hypertrophy and apoptosis, and synovial and subchondral bone remodeling, still represent a key research focus, because their mapping may aid in the identification of regulatory checkpoints of therapeutic interest, as well as biomarkers of disease progression. For this Special Issue, we welcome original research manuscripts presenting cellular models, histologic changes, genetic studies, and soluble biomarkers, as well as thematic reviews.

Guest Editor

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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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