

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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