

Special Issue

Advances in Molecular Genetics and Epigenetics in Osteoarthritis

Message from the Guest Editor

Recent GWAS studies revealed a large number of novel osteoarthritis (OA) genetic loci, with some having a functional role. In addition, epigenetic studies pointed toward possible mechanistic links between genetics and epigenetic markers in OA. The application of novel approaches and technologies in different joint tissues, in combination with genomics and epigenetics including non-coding RNAs and associated networks, will shed light on the molecular mechanisms involved in OA development. This Special Issue welcomes original research articles or critical reviews on molecular genetics, genomics, genomic technologies, epigenetics and therapeutic interventions in OA, aiming towards an improved understanding of its molecular etiopathogenesis and possible therapeutic interventions.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)



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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).