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Advances in Molecular Genetics and Epigenetics in Osteoarthritis

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Aspasia N. Tsezou

Guest Editor



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Special Issue



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