

Special Issue

Genetic Risks and Molecular Epidemiology of Osteoarthritis

Message from the Guest Editors

Osteoarthritis is a degenerative disease of articular cartilage, which is majorly contributed to by genetic risk factors. Current evidence has revealed approximately 50% heritability in osteoarthritis, but a state-of-the-art genome-wide association study only explained less than 5% of the proportion of osteoarthritis by genetic components. This phenomenon is referred to as missing heritability. This Special Issue, Genetic Risks and Molecular Epidemiology of Osteoarthritis, invites modern genetic epidemiology studies exploring the association between genetic factors and osteoarthritis, and welcomes all related manuscripts, including case-control studies, cohort studies, and meta-analyses. Genetic factors may be identified by linkage analysis, traditional candidate gene process, genome-wide screening, functional-based bioinformatics analysis, and literature reviews. We also welcome manuscripts using state-of-the-art technology to analyse related issues, such as artificial intelligence, machine learning, and deep learning algorithms.

Guest Editors

Prof. Dr. Sui-Lung Su

Dr. Chin Lin

Dr. Wen-Hui Fang

Deadline for manuscript submissions

closed (20 November 2022)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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