



## Molecular Mechanism of Pathogenesis of Osteoarthritis

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Deadline for manuscript  
submissions:  
**closed (31 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

Osteoarthritis (OA) occurs not only in knee but also in peripheral joints throughout the whole body. Multiple environmental and genetic factors have been shown to be associated with OA, but the complexity of the joint degradation process is not yet fully understood. Recently, a senescence-inducible factor in cartilage has been reported, and the factor was induced during aging, indicating the existence of key factors which induce degeneration of articular cartilage independent from aging and mechanical loading. In this Special Issue, we invite papers on novel molecular mechanisms of pathogenesis of osteoarthritis, including cell cycle arrest, senescence-promoting molecules, and stem cell senescence.

Dr. Takako Hattori  
*Guest Editor*





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