

## Special Issue

# Molecular Metabolisms in Cartilage Health and Diseases

### Message from the Guest Editor

Cartilage is a unique tissue in that it is avascular and composed of only chondrocytes. Vascular invasion into cartilage is a key step towards endochondral bone formation, as well as being involved in the pathogenesis of osteoarthritis. Because of the lack of blood flow, regeneration or repair of damaged cartilages such as those in osteoarthritis is difficult to be achieved. The old-yet-new problems in cartilage medicine are how to maintain cartilage homeostasis and how to regenerate or repair damaged cartilage. Many factors such as growth factors, transcription factors, nutrition and its metabolites, extracellular matrix, and physical forces are involved in cartilage growth, homeostasis, and regeneration. This Special Issue titled “Molecular Metabolisms in Cartilage Health and Diseases” focuses on recent progress in the molecular aspect of cartilage metabolism and its regulation in normal as well as in diseased cartilage.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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