

Special Issue

Molecular and Morpho-Functional Study of Articular Structures

Message from the Guest Editor

Articular device integrity has an important role in its physiological function and stability. In addition, joint changes are often associated with the development or progression of osteoarthritis. Both traumatic and degenerative articular structure changes can be associated with an elevated risk of OA, but the one associated with degenerative-type tears appears to be higher. Articular structure degeneration, which can also occur in young people, is defined as structural and functional failure of the tissue, and it is caused by various factors, such as repetitive trauma or malalignment. The purpose of this Special Edition is to highlight the morphological, molecular, and functional characteristics of the different articular structures in both healthy, traumatic or pathological conditions, in order to find possible interventions to prevent or reduce the modifications of the various articular components which, through studies, can lead to the discovery of novel molecular diagnostic technologies and targeted therapeutics.

Guest Editor

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Message from the Editor-in-Chief

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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