

Special Issue

Advanced Cell Based Biomaterials for Musculoskeletal Tissue Engineering

Message from the Guest Editor

This Special Issue aims to provide a platform for cutting-edge research and reviews focusing on the development and application of advanced cell-based biomaterials in musculoskeletal tissue engineering. We encourage contributions that address innovative approaches in biomaterial fabrication, novel cell-material interactions, and translational applications. Topics of interest include but are not limited to scaffold and scaffold-free designs, stem cell-laden constructs, microtissues, and microfluidics demonstrating clinical potential. By compiling diverse perspectives, this issue seeks to bridge the gap between fundamental research and clinical translation, highlighting pathways for achieving functional, integrative, and long-lasting tissue repair in the musculoskeletal system.

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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