

Special Issue

Regenerative Medicine in Orthopaedics

Message from the Guest Editors

We are pleased to announce a Special Issue dedicated to exploring these advancements in regenerative medicine within orthopedics. We invite researchers and experts to contribute original research papers and comprehensive reviews on the following topics:

Generation of iPSCs: Innovations in the production and optimization of iPSCs for therapeutic applications.

Differentiation of iPSCs and Extracellular Vesicle Production for Musculoskeletal Regeneration: Research focusing on the use of iPSC-derived cells or products to regenerate musculoskeletal tissues, including muscle, cartilage, bone, and tendon.

iPSC Bioproduction: Advances in the scalable production of high-quality iPSCs, ensuring their functionality and safety for clinical use.

iPSC-Based Cell Therapies: Development and clinical evaluation of iPSC-derived therapies specifically targeting musculoskeletal disorders.

iPSC-Based Tissue Engineering: The application of iPSCs in tissue engineering to address musculoskeletal conditions.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)



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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).