



*cells*



an Open Access Journal by MDPI

## Progenitor and Stem Cells Therapy in Bone and Cartilage Tissue Engineering

Guest Editors:

**Dr. Mitsuho Ochi**

Graduate School of Biomedical Sciences, Hiroshima University, Higashihiroshima, Japan

**Dr. Naosuke Kamei**

Department of Orthopaedic Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan

Deadline for manuscript submissions:

**closed (30 May 2023)**

### Message from the Guest Editors

We are pleased to invite you to submit an article for publication in the Special Issue on "Progenitor and Stem Cells Therapy in Bone and Cartilage Tissue Engineering". This Special Issue aims to consolidate research on the mechanisms in bone and cartilage regeneration using various stem and progenitor cells, evaluation and improvement of stem cell function, development of unique cell delivery and material combination therapies, and safety of ES and iPS cells in bone and cartilage regeneration.

Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: effects and mechanisms of bone and cartilage regeneration by stem/progenitor cell transplantation; functional and quality evaluation of stem/progenitor cells for bone and cartilage regeneration; combination of stem/progenitor cell transplantation with cell delivery systems and scaffold materials for bone and cartilage regeneration; efficacy and safety of ES cells and iPS cells for bone and cartilage regeneration; drug discovery related to stem/progenitor cells for bone and cartilage regeneration. We look forward to receiving your contributions!



[mdpi.com/si/147373](https://mdpi.com/si/147373)

**Special** Issue



*cells*



an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Alexander E. Kalyuzhny**

Neuroscience, UMN Twin Cities,  
6-145 Jackson Hall, 321 Church St  
SE, Minneapolis, MN 55455, USA

**Prof. Dr. Cord Brakebusch**

Biotech Research & Innovation  
Centre, The University of  
Copenhagen, Copenhagen,  
Denmark

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

## Contact Us

---

*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cells](http://mdpi.com/journal/cells)  
[cells@mdpi.com](mailto:cells@mdpi.com)  
[X@Cells\\_MDPI](#)