Special Issue

Adipose-Derived Stem Cells for Tissue Regeneration

Message from the Guest Editor

Stem cells offer a promising avenue for the repair and regeneration of both acutely and chronically damaged tissues following injury, as well as for the restoration of tissue lost after tumor resection. Their potential applications are broad, ranging from the regeneration of tendons, nerves, and cartilage to skin rejuvenation. Mesenchymal stem cells, and, in particular, adipose-derived stem cells, can be harvested in high quantities from various tissue sources. However, many aspects regarding their collection, preparation, and clinical use remain unresolved, and further research is needed to optimize their therapeutic potential. For this Special Issue titled “Adipose-Derived Stem Cells for Tissue Regeneration”, we invite authors to submit original research articles or reviews focusing on specific and innovative approaches to tissue repair, especially those highlighting clinical applications.

Guest Editor

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).