

Special Issue

Novel Insights into Mechanism and Treatment of Degenerative Disc Disease

Message from the Guest Editor

Back pain related to the degeneration of IVDs is a prevalent clinical problem, but the study of intervertebral disc (IVD) degeneration has advanced in recent years. For example, we have utilized innovative molecular and tissue engineering techniques to understand how age, genetics, and injury affect IVD degeneration, and have tested novel treatments in animal models and organ/cell culture systems. We encourage authors to submit their work in the form of original research or review articles that discuss the disease mechanism and innovative treatment strategies. This Special Issue also welcomes the submission of articles based on human patients, animal models or organ/cell culture studies. The scope of this Special Issue also includes novel technologies that enable the exploration of important disease characteristics and mechanisms, new discoveries, and the development of innovative therapies.

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).