

Special Issue

Mesenchymal Stem/Stromal Cell Therapies: Innovations in Regenerative Medicine and Translational Applications

Message from the Guest Editors

Human mesenchymal stem/stromal cells (hMSCs), as has been known for years, have extraordinary differentiation potential toward various lineages, namely adipogenic, chondrogenic, and osteogenic, as well as hepatic and pancreatic. Furthermore, their immunomodulatory properties make them a promising tool for application in the field of regenerative medicine. Based on extensive in vitro evidence, the immunological effects of MSCs on immune cells may depend on various mechanisms, such as cell-to-cell contact and paracrine signaling. MSCs also release exosomes capable of exerting various effects in a paracrine manner, influencing inflammatory processes. This Special Issue of *Cells* will highlight the cell biology and immunology of MSCs through original research articles, reviews, and communications.

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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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