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## Enhancing Mesenchymal Stem Cells (MSCs) for Therapeutic Purposes

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Deadline for manuscript submissions:  
**closed (31 May 2022)**

### Message from the Guest Editors

Dear Colleagues,

The regenerative and immunomodulatory properties of mesenchymal stem cells (MSCs) have made these cells the focus of multiple pre-clinical studies and clinical trials. While the results from these clinical studies have established that MSCs are safe, the efficacy of these cells is not as well-established. In this regard, there have been increased efforts towards generating potentiated/activated MSCs with enhanced therapeutic efficacy. Mechanisms for enhancing MSC potency and efficacy are an area of active research with great potential for translation into clinical settings.

This Special Issue solicits original research manuscripts and reviews from a broad range of topics relating to potentiation strategies for enhancing MSC therapeutic efficacy, which include but are not limited to hypoxic and growth factor pre-conditioning, serum starvation, genetic manipulation, and 3D culture.



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**Special** Issue



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## 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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