Special Issue

Mesenchymal Stem Cells, Niche and Tissue Homeostasis: Applications to Organoids

Message from the Guest Editor

Stem cell interactions with differentiated cells, endothelial cells and immune cells are critical in the context of tissue regeneration. Understanding the stem cell niche, as well as cell organisation and migration, is mandatory to the development of new strategies for tissue repair. In this Special Issue, we aim to present studies that use the example of organoids in the modelling of tissue repair. Morever, we aim to present studies on the mode of cell comunication (growth factor release, enzymatic activity, organelle transfer, nanotunelling and modulation of cell metabolism). Finally, we aim to present studies on translational tissue regeneration applications (including in vivo models and clinical trials).

Guest Editor

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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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