

Special Issue

Mesenchymal Stem Cells in Tissue Regeneration

Message from the Guest Editors

Tissue regeneration is slowly becoming a new cornerstone for the medicine of the future. Loosely defined, this field encompasses efforts to integrate the various areas of medical physiology with stem cell biology and engineering for the sole purpose of restoring tissues which otherwise do not have the natural capacity to regenerate. One major challenge in tissue regeneration is cell sourcing. Among the different options, mesenchymal stem cells (MSCs) have been tested in a variety of in vitro, preclinical and clinical scenarios. The current Special Issue provides a platform for dissemination and critical evaluation of opportunities and challenges in tissue regeneration using MSCs. It is our belief that your valuable contributions will help advance the field further by providing novel opportunities, approaches and solutions to these challenges. We are very excited to serve as for this Special Issue and look forward to receiving your manuscripts. **Published Paper** Christou, I.; Mallis, P.; et al. [Evaluation of Peripheral Blood and Cord Blood Platelet Lysates in Isolation and Expansion of Multipotent Mesenchymal Stromal Cells](#). *Bioengineering* **2018**, *5*, 19.

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