



Mesenchymal Stromal (Stem) Cells

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Message from the Guest Editor

Since the first description of mesenchymal stromal(/stem) cells (MSCs) by Friedenstein and colleagues in 1967, these cells have been used in more than 2000 registered clinical trials ([Clinicaltrials.gov](https://clinicaltrials.gov)). MSCs have been used in a wide range of diseases, including musculoskeletal defects, disorders of the immune system (e.g., autoimmune diseases), and myocardial infarction. This Special Issue, on the subject of stromal cells intends to cover several aspects of stromal cells, from bench to bedside! Thus, several relevant subjects such as tissue sources, biology, in vitro assays, preclinical/clinical studies, regulatory/ethical aspects, and commercialization will be discussed in this Issue. Based on MSCs' mechanisms of action, most clinical applications concentrate on inflammatory disorders and regenerative medicine. This has been extensively discussed, but gathering the latest findings in a collection still is required for scientists, physicians and investors for future planning.

We invite colleagues and authors to submit original research and review articles that are aligned with the scope of this Special Issue.





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Message from the Editor-in-Chief

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