

Special Issue

Physiological Roles of Mesenchymal Stem Cells in Tissue Engineering and Regenerative Medicine

Message from the Guest Editors

This Special Issue entitled "Physiological Roles of Mesenchymal Stem Cells in Tissue Engineering" aims to collect studies that describe some aspects of the physiological role of MSCs in tissue homeostasis, cell-to-cell interactions and differentiation mechanisms. Moreover, investigations into the use of different types of MSCs, different delivery strategies and new methods or materials for tissue engineering are encouraged. This Special Issue welcomes review articles, bioinformatic analysis and experimental evidence included in original research, which focus on the roles played by mesenchymal stem cells (MSCs) in regenerative medicine, providing new insights into their application in disease or aging.

Guest Editors

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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