

Special Issue

Biomedical Potential of Stem Cells in Skin Regeneration and Wound Healing

Message from the Guest Editor

The skin is the largest organ of the human body and acts as a barrier against infection, along with many other functions. Although tremendous progress has been made, large full-thickness skin traumas are still associated with mortality due to a low availability of donor skin areas.

Currently, stem-cell-based therapies applying dermal and epidermal as well as mesenchymal stem cells, embryonic, and induced pluripotent stem cells are becoming one of the most explored potential therapeutic strategies to facilitate a complete regeneration of skin and its appendages in cutaneous wound healing. In this Special Issue, we will focus on the biomedical potential of adult stem cells harvested from different tissue as tools for cell and scaffold-based therapies for chronic wounds and other skin disorders. This Special Issue aims to present emerging concepts and novel efficacious therapies for various skin pathologies.

We cordially invite you to contribute your original research to this exciting Special Issue of *Biomedicines*.

Guest Editor

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About the Journal

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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