

Special Issue

New Advances in Wound Healing and Skin Regeneration

Message from the Guest Editors

Chronic wounds, burns, and skin injuries pose significant clinical challenges, often leading to prolonged patient suffering and increased healthcare burdens. Recent advancements in regenerative medicine, biomaterials, and cellular therapies have opened new avenues for enhancing wound healing and skin regeneration. This Special Issue aims to highlight cutting-edge research and innovative strategies that accelerate wound repair, prevent scarring, and restore skin functionality.

We invite contributions covering novel biomaterials (e.g., hydrogels, scaffolds), stem cell therapies, growth factor delivery systems, bioactive dressings, and tissue engineering approaches. Additionally, studies on molecular mechanisms, immune modulation, and emerging technologies (e.g., 3D bioprinting, gene therapy, and nanotechnology) in wound healing are welcome. Clinical trials, translational research, and interdisciplinary studies bridging biology, engineering, and medicine will also be considered.

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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