

# Special Issue

## Advances in Wound Healing

### Message from the Guest Editors

Wound healing is a dynamic physiological process frequently impaired by aging, comorbidities, or infections, leading to chronic wounds with profound clinical and socioeconomic impacts. Despite advances in biomaterials, regenerative therapies, multi-omics integration, and precision medicine, challenges persist in understanding molecular heterogeneity and translating discoveries into effective treatments. This Special Issue, “*Advances in Wound Healing*”, seeks to highlight cutting-edge research spanning molecular mechanisms, novel therapeutic interventions, and clinical applications. We welcome original articles and reviews addressing topics such as the following:

- Advances in various acute and chronic wound management (such as diabetic ulcers and pressure injuries);
- Genomic, proteomic, epigenetic, and transcriptional insights into wound healing and post-wound healing events like scars and keloids;
- In vitro/in vivo models for mechanistic studies;
- Innovative biomaterials (such as smart dressings, hydrogels, and nanotechnologies);
- Clinical trials, translational research, and interdisciplinary approaches.

### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



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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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### Editor-in-Chief

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