

## Special Issue

# Molecular Landscape of Cutaneous Wound Healing in Health and Disease

### Message from the Guest Editors

Skin wound healing is an orderly and highly coordinated process aiming to restore the cutaneous barrier function, consisting of four temporally overlapping phases, i.e., hemostasis, inflammation, proliferation, and tissue remodeling. A plethora of cell types (e.g., platelets, neutrophils, macrophages, endothelial cells, fibroblasts) participates in all these four stages, which represent a distinct equilibrium among pro- and anti-resolutive phenomena. Since the molecular landscape of the wound healing process is still to be fully disclosed, the aim of this Special Issue is to highlight how cells interact with each other at the molecular level to ensue in the coordinated process of wound healing. From these contributions a new vision of molecular mediators and pathways will emerge indicating main avenues towards a novel potential chronic wound therapies.

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### Guest Editors

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Dr. Sante Di Gioia

Dr. Annalucia Carbone

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### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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