



Update on Acute and Chronic Wound Healing

Guest Editors:

Prof. Dr. Lars P. Kamolz

Dr. Thomas Wild

Dr. Mihaela Pertea

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Wound healing after damage to the skin involves a complex interplay between many cellular players of the skin, primarily keratinocytes, fibroblasts, and endothelial cells of vessels, as well as recruited immune cells and their associated extracellular matrix. In healthy individuals, the restoration of a functional epidermal barrier is highly efficient, whereas repair of the deeper dermal layer is less perfect and often results in scar formation with a substantial loss of original tissue structure and function. When the normal wound repair process is impaired, impaired wound healing can lead to chronic wounds or to excessive formation of scar tissue.

Tissue repair is a universal phenomenon across all multicellular organisms, and we think that many wound healing mechanisms can be analyzed in more experimentally tractable models than humans, and can be subsequently extrapolated back to the clinic for potential therapeutic benefits. Because of similarities to humans, in vivo and ex vivo wound healing models are used for investigating repair mechanisms. The aim of this Special Issue is to give an update basic, translational, and clinical research related acute and chronic wound healing.





medicina



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius

Medical Academy, Lithuanian
University of Health Sciences,
Kaunas, Lithuania

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), and [other databases](#).

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Contact Us

Medicina Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/medicina
medicina@mdpi.com