



Skin Fibrosis and Cutaneous Wound Healing

Guest Editor:

Dr. Noriko Aramaki-Hattori

Department of Plastic and
Reconstructive Surgery, Keio
University Hospital, Tokyo 160-
8582, Japan

Deadline for manuscript
submissions:

closed (31 August 2024)

Message from the Guest Editor

During the wound healing process, epithelialization is completed and remodeling of the extracellular matrix that makes up the granulation tissue occurs. Fibroblasts and leukocytes disappear from the granulation tissue formed during the proliferative phase, and collagen fibers are altered to form scar tissue. Granulation tissue contains large amounts of type III collagen, which diminishes during maturation and is replaced by type I collagen. Collagen polymerizes through cross-linking, increasing the support and tensile strength of the scar. If inflammation is prolonged during this period, fibroblasts do not decrease and collagen production continues, causing hypertrophic scars and keloids. The purpose of this Special Issue is to focus on inflammation and fibrosis and to explore their mechanisms.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

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.

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](#), [PMC](#), [CAPUS / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)