



Feature Reviews in Molecular and Cellular Mechanisms of Inflammation and Tissue Regeneration

Guest Editor:

Dr. Krisztina Nikovics

Imagery Unit, Department of
Platforms and Technology
Research, French Armed Forces
Biomedical Research Institute,
91223 Brétigny-sur-Orge, France

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

Understanding the processes of inflammation and tissue regeneration after injury is of major scientific and clinical importance. Immune cells are a heterogeneous population of cells that acquire their functional specialization in response to micro-environmental alterations. For a long time, immune cells have been known to trigger inflammation and coordinate an efficient repair of damaged tissue. However, the molecular and cellular mechanisms by which they exert their effects are as yet mostly unknown. When repair is not coordinated, regeneration fails and fibrosis can take place. The investigation of immune cell sub-populations by different biological, molecular and cellular methods is essential in establishing new diagnostics for multiple diseases as well as therapeutic strategies for tissue repair. This Special Issue welcomes reviews articles focused on the molecular and cellular mechanisms of inflammation and tissue regeneration. Reviews have to most up-to-date and focus on the development of recent 10 years.





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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*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