



an Open Access Journal by MDPI

Neutrophils in Immunity and Diseases

Guest Editor:

Message from the Guest Editor

Dr. Akrivi Chrysanthopoulou

Department of Biological Applications & Technology, Faculty of Health Sciences, University of Ioannina, Ioannina, Greece

Deadline for manuscript submissions: closed (31 October 2024) Dear Colleagues,

Neutrophils have been historically linked to antimicrobial functions in acute infection. Recent evidence, however, has engaged them in hitherto unsuspecting functions and so neutrophils are now valued as functionally versatile cells with important roles in chronic inflammation. In particular, shifts in neutrophil phenotype enables them to adapt their function in different inflammatory contexts, in which they exert their regulatory role on both innate and adaptive immune leukocytes. The multifaceted involvement of neutrophils in several inflammatory conditions makes them exciting targets for therapeutic intervention. Of course, numerous challenges and controversies in the field remain. Overall, I would like to encourage the researchers, involved in such research topics, to provide their data, thoughts and concerns in order to have a broader view of the current state of the specific research area. Thus, readers will enjoy reading innovative papers, while overall we will be helped to anticipate the future directions of neutrophil biology.

Dr. Akrivi Chrysanthopoulou Guest Editor









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 - 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