



life



an Open Access Journal by MDPI

Macrophages in Human Diseases: From Pathophysiology to Therapeutic Targets

Guest Editors:

Dr. Xu Cao

Department of Immuno-
Oncology, Beckman Research
Institute, City of Hope National
Medical Center, Duarte, CA 91010,
USA

Dr. Hai-Jian Sun

State Key Laboratory of Natural
Medicines, School of traditional
Chinese Pharmacy, China
Pharmaceutical University,
Nanjing 210009, China

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

As an essential component of innate immune system, macrophages are recognized as a central player in regulating immune responses. It is not surprising that macrophage dysfunction are involved in a plethora of human diseases. There has been explosive growth in macrophage-targeted therapy worldwide during the past decade, showing the great potential of macrophages as a therapeutic target. However, special attention on limiting any possible adverse effect should also be paid due to their broad presence and regulatory effects in nearly every tissue of human body.

This Special Issue is focused on recent advances in the molecular mechanisms of macrophage dysfunction-related diseases, including but not limited to cancers, tumor cell immune escape, cardiovascular disorders, metabolic diseases, neurological diseases, arthritis, inflammatory bowel disease, transplant rejection, and drug-induced diseases, from pathophysiology to therapeutic targets. We invite authors to submit original research articles or review articles relating to the topic.



mdpi.com/si/118206

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)