

Special Issue

Immune Cell Reprogramming: Molecular Mechanisms and Therapeutic Approaches

Message from the Guest Editors

Immune cell function is tightly linked to cellular metabolism, with metabolic reprogramming now recognized as a central driver—not merely a consequence—of both innate and adaptive immune responses in health and disease.

For this Special Issue, we invite researchers to contribute their valuable work, whether in the form of original research or review articles, on the mechanistic underpinnings and translational potential of immune cell reprogramming. Topics of interest include signaling networks, metabolic pathways, gene expression regulation, and epigenetic modulation, as well as innovative therapeutic strategies such as immunostimulation and targeted modulation of immunometabolic circuits.

Guest Editors

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Deadline for manuscript submissions

28 February 2026



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/247369

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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.

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