

Special Issue

The Role of NK Cells in Health and Diseases

Message from the Guest Editor

Natural killer (NK) cells possess the ability to rapidly lyse tumour cells and promote the anti-cancer activity of other immune cell types, including macrophages, CD8+ T cells and dendritic cells. Increased knowledge of the role of NK cells in hematological malignancies will provide new avenues for research and allow for improved utilization against tumour cells in the clinical setting. In this Special Issue, we invite investigators to contribute original research, as well as review articles, that address recent advances in NK cell function with regard to haematological malignancies. We welcome authors to submit manuscripts that provide novel insights on NK cell biology and therapeutic strategies including CAR-NK cells, cytokines, tumour-targeting antibodies, NK cell engagers, and checkpoint inhibitors.

Keywords: NK cells; lymphoma; multiple myeloma; CLL; AML; leukaemia; immunotherapy

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closed (15 January 2025)



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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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