

Special Issue

Advances in the Study of Natural Killer (NK) Cells

Message from the Guest Editors

Natural killer cells, identified by the expression of CD56 and lacking CD3 expression, are innate lymphocytes that can kill virally infected cells and tumor cells. Specialized NK cells are found in the placenta and may play critical roles during pregnancy. NK cell activation is controlled by a set of germline-encoded activating and inhibitory receptors, such as killer cell receptors (KIRs), natural cytotoxicity receptors (NCRs), DNAM, and TIGIT. In addition, CD16 expression on NK cells can also mediate antibody-dependent cellular cytotoxicity. Furthermore, NK cells can express a large range of cytokines that regulate the development of other types of cells. This Special Issue of *Cells* will highlight NK cell biology and the application of NK cells in cancer immunotherapy through a collection of original research articles, reviews, and communications. We welcome studies related to this topic to be submitted to this Special Issue in order to promote the development of NK cell studies.

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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