

Special Issue

Emerging Insights into Natural Killer Cell Immunity in Infection and Cancer

Message from the Guest Editors

Recent research has revealed that under certain viral infections or combination of cytokines, stimulation NK cells can exhibit memory or memory-like responses, which were traditionally attributed only to the adaptive immune system. For decades, scientists have investigated NK cell-based immunotherapies against cancer due to their rapid killing power without any prior sensitization. Initial data from the on-going clinical trials have demonstrated outstanding safety of NK cell infusion, even in the allogeneic setting. Hematopoietic tumor cells often express uniform antigens, making them suitable targets for generating chimeric antigen receptor (CAR) NK cells, such as CD19-CAR NK cells.

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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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