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## Regulation of Natural Killer Cell Development and Functions

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Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Natural killer (NK) cells are major innate lymphocytes. NK cells do not require prior antigen exposure to mediate antitumor cytotoxicity or pro-inflammatory cytokine production. NK cells only use non-clonotypic germline-encoded receptors that largely recognize “self-antigens”. The ability of NK cells to differentiate “missing-self” from “self” provides high clinical value in formulating immunotherapies against a broad spectrum of malignancies. Irrespective of these potentials, the signaling pathways and transcriptional regulation that govern NK cell development and functions remain far from fully defined. In this Special Issue of *Cells*, we invite authors to contribute original and review articles that focus on signaling molecules, transcription factors, developmental processes, functional analyses, and therapeutic formulations of murine or human NK cells. Through these broad-reaching goals of this Special Issue, we would like to provide an update on NK cell biology to the larger immunology community.

Prof. Subramaniam Malarkannan

Dr. Anahid Jewett

*Guest Editors*



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**Special** Issue



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