

Special Issue

NK Cells, Immune Response in Pathology and Cancer

Message from the Guest Editors

From the clinical point of view, NK cells are essential for their role in detecting cancer. Besides, these cells present different types of receptors that allow modulating their activity. Most of these receptors tend to be highly polymorphic and tend to present high allelic variability, revealing different omic scenarios (genomic, transcriptomic, and proteomics) at the individual level, which searches for cause and effect even more difficult in individuals with tumors.

Given the enormous potential presented by NK analysis, there is a need to characterize, analyze and interpret the receptor and ligand as well as the mechanisms of action in different types of tumors, as well as to create solid and complete databases for full implementation in the clinical context, thus allowing the user to clarify the causes of carcinogenesis, metastasis, recurrence or to estimate the recurrence time, among other uses. Several studies point to a promising future for NK analysis in the different fields of clinical medical science, opening up an important new area of research.

Guest Editors

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