# Special Issue

# Recent Advances of Micro RNA and Natural Killer Cells in Cancer Immunotherapy

## Message from the Guest Editors

Recent advances in cancer immunotherapy have highlighted the important roles of microRNAs (miRNAs) and Natural Killer (NK) cells in shaping anti-tumor immune responses. miRNAs, a class of small non-coding RNAs, are recognized as key regulators of gene expression in cancer biology and immunology. Similarly, NK cells, essential to the innate immune system, have shown remarkable potential in cancer immunosurveillance and therapeutic applications. This Special Issue focuses on the latest research involving miRNA and/or NK cells in cancer immunotherapy. We welcome original research articles and reviews on miRNA-based strategies, approaches to enhance NK cell functions, the role of miRNAs in NK cell-based immune responses, as well as synergies between these fields to improve cancer treatment. Topics include but are not limited to, miRNA in immune regulation, genetic engineering of NK cells, miRNA biomarkers, miRNA control of immune checkpoints on NK cells, and NK cell-based therapies.

Our goal is to present cutting-edge research that highlights both miRNA and NK cell fields in advancing cancer immunotherapy.

## Guest Editors

Dr. Andreia Maia

Dr. Mireia Castillo-Martín

Dr. Fuguo Liu

## Deadline for manuscript submissions

closed (30 April 2025)

**Cells**

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**Impact Factor 5.2**
**CiteScore 10.5**
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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.

## Editors-in-Chief

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**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).