

Special Issue

New Insights into Targeted Therapy for Non-Small-Cell Lung Cancer: From Molecular Biology to Tumor Microenvironment

Message from the Guest Editors

Molecularly targeted therapy for non-small cell lung cancer (NSCLC) has reached remarkable progress with the advent of next-generation sequencing. However, many problems remain that need to be solved. First, there is still a lack of information on its predictive biomarkers other than driver oncogene mutations. Biomarker studies focus mostly on genomics, but others need to be focused, including proteomics, epigenomics, and metabolomics. Second, the relationships between molecularly targeted therapy and tumor microenvironment need to be elucidated. Recent studies have suggested that molecularly targeted therapy and the immune environment influence each other. Third, long-term clinical benefit is inevitably compromised by multiple resistance mechanisms. Overcoming the mechanisms behind acquired resistance and establishing post-resistance treatment strategies are urgent issues. In this Special Issue, we are looking for the latest insights into therapeutic strategies for NSCLC from the vast field of molecular biology and from the perspective of the tumor microenvironment.

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Deadline for manuscript submissions

closed (31 December 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 11.4
Indexed in PubMed



mdpi.com/si/116602

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About the Journal

Message from the Editor-in-Chief

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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