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State of the Art and Perspectives in Lung Cancer Immunotherapy

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Deadline for manuscript submissions:
closed (20 March 2024)

Message from the Guest Editor

Immune checkpoint inhibitors have drastically changed therapeutic strategies in lung cancer. However, novel composite and dynamic biomarkers of immune evasion are needed to develop tailored strategies. Indeed, a global approach integrating both immune and tumor-related parameters is crucial. Numerous ongoing clinical trials are evaluating novel immune-based combinations in order to overcome resistance pathways and reshape the immunotherapy landscape. However, an understanding of cellular and molecular mechanisms of resistance is essential to guide personalized immunotherapies.

This Special Issue will include original articles and reviews that investigate signaling pathways of resistance to immunotherapy and new therapeutic strategies for lung cancer. We encourage contributions that explore the cellular and molecular aspects of resistance or recent advances including adoptive cell therapy and therapeutic cancer vaccines. Preclinical and clinical studies investigating the impact of the tumor microenvironment on the immunological response are also warranted.



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Special Issue



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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.

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