

Special Issue

Frontiers in Lung Cancer: Immune Modulation and Targeted Therapies

Message from the Guest Editors

Lung cancer remains a leading cause of cancer death globally. The era of precision oncology with targeted therapies and immunotherapy with immune checkpoint inhibitors has dramatically transformed the management of patients with advanced lung cancer, leading to improved survival outcomes. There is now an expanding list of approved novel therapies, and many more with promising efficacy data from early phase clinical trials. Nevertheless, challenges remain in developing the next generation of therapies and evaluating combination approaches for lung cancer. In particular, deep tumour sequencing has allowed for a greater understanding of the complexity of lung cancer tumour biology. This Special Issue will encompass the latest advances in lung cancer research, such as novel therapeutic targets in lung cancer, the importance of molecular testing, predictive and prognostic biomarkers, intracranial efficacy of novel therapies, the optimal sequencing of therapies, the role of targeted and immunotherapies in early stage disease, and future directions for precision oncology and immunotherapy approaches to better understand tumour evolution and therapeutic resistance.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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