

Special Issue

Precision Oncology in Non-small Cell Lung Cancer

Message from the Guest Editors

Precision oncology is becoming ever more important in the diagnosis and treatment of lung cancer. In non-small cell lung cancer (NSCLC), alterations in driving oncogenes, including EGFR and ALK, have been successfully introduced as targets for molecularly guided therapies and have become the standard of care. Targeting of alterations occurring in a small fraction of patients, such as ROS1 rearrangements and MET amplification, is also now under evaluation in late-phase clinical trials. However, all of these treatment schedules have in common that tumors evolve evasion strategies to finally develop resistance to all of the agents currently in use. This Special Issue will be dedicated to summarizing the state-of-the-art in precision treatment of NSCLC and will focus on molecular mechanisms of resistance to targeted therapies, strategies to overcome resistance, and monitoring of disease progression and relapse under therapy (e.g., by ctDNA/cfDNA). Authors are encouraged to submit original research manuscripts, but can also provide suggestions for review articles.

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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