

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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