



Predictive Biomarkers and Immunotherapy Strategies for Non-small Cell Lung Cancer

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Message from the Guest Editor

Immunotherapy has revolutionized the landscape of lung cancer treatment in recent years. New immunotherapy strategies have positively affected patient survival, especially in non-small cell lung cancer. While immunotherapy is achieving amazing results, great efforts are still ongoing in the search for predictive biomarkers that allow patient selection in the context of personalized medicine. In addition to the high cost of immunotherapies, the reason underlying this incessant search for novel biomarkers lies essentially in the relevant side effects that these therapies can eventually produce. Despite recent efforts made in the field, to date, there is only one approved marker for use in clinic, which is the expression of PD-L1 by the tumor tissue. This biomarker is far from optimal, due to several technical aspects and tumoral heterogeneity. The aim of this Special Issue is to highlight the most recent advances in the context of new available immunotherapies and in the prediction of response to immunotherapies with the development of novel robust and multiparametric biomarkers.





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