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Immunotherapy in Lung Cancer and Biomarkers of Response

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Message from the Guest Editors

Dear Colleagues,

Due to the development of immune checkpoint inhibitors, the treatment of lung cancer has experienced a radical change during the last several years, and relevant advances to replace the standard of care are presented every few months. However, the majority of patients do not respond to treatment, and the predictive biomarkers proposed thus far are lacking in accuracy. Furthermore, the mechanistic are not yet clear, and although CD4 and CD8 T cells are considered key players, other cells and molecules might strongly condition the response to immunotherapy. These are unmet needs on which basic and clinical research is spending great effort.

In addition, other immunotherapeutic treatments, such as vaccines, antibody-based targeted therapies and adoptive therapies, are being investigated for this disease, and outcomes from small non-randomized trials indicate the feasibility and potential of these approaches.

This Special Issue intends to gather work regarding advances in the mechanistic of immunotherapy in NSCLC, as well as novel approaches for the treatment of this disease.



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Special Issue



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Message from the Editor-in-Chief

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