



Growth Factors and Lung Cancer

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Message from the Guest Editor

Dear Colleagues,

Growth factor plays a pivotal role in lung cancer tumorigenesis by regulating multiple cellular processes such as cell proliferation, survival, invasion, and angiogenesis. Targeting a growth factor and its receptor has tremendous potential for the treatment of lung cancer. Growth factor is also crucial given that it involves intrinsic and acquired resistance to molecular targeted therapy and immunotherapy. One of the most extensively studied growth factors is vascular endothelial growth factor (VEGF), which promotes lung tumor growth and metastasis and confers resistance to various types of anti-cancer therapies by activating bypass pathways or modulating tumor immune microenvironments, and targeting VEGF has been shown to enhance the effectiveness of epidermal growth factor receptor-tyrosine kinase inhibitors or chemotherapy with/without immune checkpoint inhibitors in non-small-cell lung cancer. This Special Issue will highlight growth factors that affect lung tumorigenesis and therapeutic resistance, leading to a better understanding of the significance of growth factors as therapeutic targets and predictive/prognostic biomarkers in lung cancer.





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Message from the Editor-in-Chief

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