Lung Cancer: From Molecular Basis to Genome-Guided Therapy and Immunotherapy 2.0

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Message from the Guest Editors

In the last 15 years, lung cancer diagnosis and therapy underwent two game-changing revolutions. We witnessed the introduction of so-called "individualized" therapy driven by, in addition to more conventional tumor characteristics, a well-defined molecular phenotype from each tumor that serves as prognostic and much more predictive factors for the therapeutic faith of patients.

In only a short time, the therapeutic use of immune checkpoint inhibitors followed tailored therapeutic approaches, opening a new field of effective treatment for a remarkable proportion of lung cancer patients. however, are not that well-defined and based on semiquantitative (merely classical) immunohistochemistry scoring.

Paying tribute to these 15 years of development, this Special Issue targets aims to share the state-of-the-art advances in biomarker-based lung cancer diagnosis and therapy, and its promising concepts for future developments. This clear focus is on the interface between molecular diagnosis and lung cancer therapy, thus all types of papers with a clear focus on the molecular alterations that influence the pathology aspects of lung cancer patients are welcomed.

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Special Issue

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Message from the Editor-in-Chief

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