

Special Issue

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

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, these approaches 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.

Guest Editors

Dr. Fabian Dominik Mairinger

Institute of Pathology, University Hospital Essen, University of Duisburg-Essen, 45147 Essen, Germany

Prof. Dr. Thomas Mairinger

Department of Tissue Diagnostics, Helios Klinikum Emil von Behring, 14165 Berlin, Germany

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4052 Basel, Switzerland
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Prof. Dr. José L. Quiles
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"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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