

## 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

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### Deadline for manuscript submissions

closed (15 May 2023)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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