



Advances in Lung Cancer: From Genetic Landscape to Treatment

Guest Editor:

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Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editor

Dear Colleagues,

Precision medicine, including both targeted therapies and immunotherapy, has dramatically changed and improved the clinical practice of lung cancer. The molecular characterization of targetable alterations is mandatory to assess the best therapeutic approaches. In this context, liquid biopsy, particularly circulating cell free tumor DNA, has recently acquired great value as a complement of tissue testing. In addition, molecular investigations of lung cancer are warranted to uncover and face resistance mechanisms to therapy, and identify new predictive biomarkers. Therefore, the continuous optimization of next-generation sequencing techniques is crucial for a complete molecular analysis, including a plethora of genetic alterations from gene mutations to gene fusions and gene expression profiling.

This Special Issue of the International Journal of Molecular Sciences welcomes original articles, case reports, reviews and meta-analyses on the advances in lung cancer covering the genetic landscape to treatment.

We look forward to receiving your contributions.

Dr. Rossella Bruno
Guest Editor





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Message from the Editor-in-Chief

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