



Biomarkers and Lung Cancer: Clinical Application

Guest Editor:

Dr. Roberto Gasparri

Department of Thoracic Surgery,
European Institute of Oncology,
Via Giuseppe Ripamonti 435,
20141 Milan, Italy

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Message from the Guest Editor

Dear Colleagues,

Lung cancer is the leading cause of cancer-related mortality worldwide. The five-year survival rate is strongly associated with late diagnosis (23% for stage III–IV vs. 67% for the early stages).

Screening programs based on low-dose computed tomography (LD-CT) determined a 20% reduction in lung cancer mortality. However, it is not very suitable as a screening test for the mass population due to its high costs, radiation, and false positive rate. Thus, early diagnosis is essential for its therapeutic and prognostic implications. The discovery of lung cancer biomarkers in body fluids such as blood, urine, stool, saliva, sputum and breath could play a key role in the diagnosis, prognosis and treatment of lung cancer.

The goal of this Special Issue is to share new knowledge about the latest biomolecules and techniques available for minimally invasive screening of lung cancer as well as the critical limitations that require future improvement in order to upgrade the diagnosis, prognosis and treatment of lung cancer patients.

We hope this Special Issue will be of interest to you, and we look forward to receiving your contributions.





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Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
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