Biomarkers and Lung Cancer: Clinical Application

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Deadline for manuscript submissions:
30 September 2024

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.

mdpi.com/si/193026

Special Issue

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