



Big Data and Precision Medicine Series I: Lung Cancer Early Diagnosis

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Message from the Guest Editor

Lung cancer is the leading cause of cancer-related deaths and patients' survival is directly correlated to disease stage. Therefore, it is mandatory to adopt a screening strategy that embraces, not only the population at risk, but improve overall survival in high risk populations of asymptomatic patients. Today, the concept of tumor has been remodeled and it has been defined as a disease that has its own genetic, biological and metabolic identity and with this new awareness, new screening methods should base. The analysis of new biomarkers (i.e., volatile organic compounds, microRNA-test and urine analysis) associated with a high specificity of new screening methods, that are non-invasive, safety, inexpensive and simple to perform, could allow a non-invasive approach that can determine a big change in the early diagnosis of cancer and survival rate. Please join us in presenting this Special Issue on the state-of-the-art research currently being performed on lung cancer screening and early diagnosis to gather our effort in order to get, as soon as possible, an early and effective diagnosis of lung cancer.

Dr. Gasparri Roberto

Guest Editor





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