

## Special Issue

# Non-Small-Cell Lung Cancer: Screening, Diagnosis and Treatment Options in the AI and Omics Era

### Message from the Guest Editor

Lung cancer, of which non-small-cell lung cancer is the commonest form, is the leading cause of cancer deaths worldwide. In this Special issue, we aim to highlight the use of AI, machine learning, and omics at various clinical pathway stages, including early detection, diagnosis and subtype classification, the estimation of prognosis, the prediction of treatment response, and clinical trial optimization. The topics of interest for publication include, but are not limited to, the following: pre-clinical research and the clinical implementation of molecular tumor profiling, data mining, natural language processing, the machine-learning-based modeling of both routine clinical data and blood work, as well as radiomics, digital pathology, and omics data from liquid and solid biopsies, addressing current issues and discussing further directions for the implementation of AI and omics technologies for non-small-cell lung cancer clinical workup in order to deliver improved patient care.

### Guest Editor

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### Deadline for manuscript submissions

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