

## Special Issue

# Tyrosine Kinase Inhibitors for Lung Cancer

### Message from the Guest Editor

Precision oncology has fundamentally changed the diagnosis and treatment of cancer. Driver mutations are essential for carcinogenesis as well as tumor progression as they confer a selective growth advantage to cancer cells. Identification of driver mutations in growth-related protein kinases, especially tyrosine kinases has led to the clinical development of an array of tyrosine kinase inhibitors (TKIs) in various malignancies, including lung cancer. In recent decades, there has been a significant development in the management of patients with oncogene-addicted advanced-stage non-small cell lung cancer. For example, inhibition of epidermal growth factor receptors and anaplastic lymphoma kinase tyrosine kinases have proven to be of meaningful clinical benefit. An improved understanding of tyrosine kinase biology has also led to faster drug development, identification of resistance mechanisms and ways to overcome resistance. This Special Issue will highlight the efficacy, toxicity and resistance mechanism of TKIs in patients with lung cancer.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2024)



## Cancers

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CiteScore 8.8  
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## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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