



Genome Researches on Lung Cancer

Guest Editor:

Dr. Taichiro Goto
Yamanashi Central Hospital,
Yamanashi, Japan

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Message from the Guest Editor

In the past decade, there have been incredible advances in the field of molecular oncology that have improved clinical management of lung cancer and the outcome. Despite this, the drug therapy cure rate at the advanced stage for lung cancers remains inadequately high, and development of further innovative therapeutic strategies is currently desired. Recent advances in sequencing technology, notably the introduction of next-generation sequencing, have enabled rapid, efficient, low-cost, and precise sequencing. Furthermore, extensive application of these latest technologies to basic cancer research has facilitated the in-depth molecular characterization of lung cancer from various perspectives with higher precision than before.

This SI aims to publish original research papers and review articles related to advances in basic research on genomics of lung cancer. A particular focus will be given to research using sequencing data expected to contribute to the development of novel cancer diagnostics and treatment techniques as well as new medical devices and drugs. Furthermore, papers discussing cancer cell responses to immunotherapy based on sequence data will also be considered.





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Office
MDPI, Grosspeteranlage 5
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