

## Special Issue

# Genetics and Genomics of Lung Cancer

### Message from the Guest Editor

Lung cancer remains the second most common type of cancer and is the leading cause of cancer death globally, with nearly 2.1 million new cases diagnosed in 2018, which accounts for approximately 12% of the cancer burden worldwide. Research has been focused on genetics and genomics in order to improve early detection, prognosis, and personalized treatments by understanding the molecular mechanisms underlying lung cancer. In this Special Issue, we are interested in publishing research articles and reviews focused on the intricate genetic and genomic aspects of this complex disease. In particular, submissions should explore genetic changes at the somatic or germline level, as well as the biomarkers and molecular mechanisms that are responsible for lung cancer and its prognosis or resistance to treatment.

### Guest Editor

Dr. Elisa Frullanti

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### Deadline for manuscript submissions

10 November 2025

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## Genes

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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