

## Special Issue

# Genomic Research in Carcinogenesis, Cancer Progression and Recurrence

### Message from the Guest Editor

Current research highlights the importance of genomics in predicting tumor progression, identifying driver mutations, and informing personalized therapies in many types of cancer. This Special Issue will cover genomic alterations, driver mutations, tumor evolution metrics, and the integration of genomics with clinicopathological and artificial intelligence-aided approaches to predict and understand cancer outcomes, progression, and recurrence. Contributions will include a broad range of topics, such as:

- Genomic alterations in carcinogenesis: mechanisms of genetic and epigenetic changes leading to cancer initiation and driving carcinogenesis.
- Genomic drivers of cancer progression: identification and characterization of genomic mutations and variations that drive tumor growth and metastasis.
- Genomic markers for cancer recurrence: development and validation of genomic biomarkers for predicting cancer recurrence.
- Precision medicine and genomic targeting: applications of genomic data in personalized cancer therapies and targeted treatments.
- Bioinformatics and computational approaches: advanced computational methods for analyzing genomic data in cancer research.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 November 2025)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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