

## Special Issue

# Gene Regulation and Expression in Tumors

### Message from the Guest Editors

The Special Issue titled "Gene Regulation and Expression in Tumors" aims to provide a comprehensive platform for exploring the complex mechanisms that regulate gene expression in tumor development, progression, and therapeutic resistance. This issue invites submissions that focus on epigenetic modifications, such as DNA methylation and histone acetylation, and their role in altering gene expression in tumors. The issue also seeks contributions examining the influence of transcriptional dysregulation and the involvement of non-coding RNAs, including microRNAs and long non-coding RNAs, in oncogenesis.

Furthermore, studies utilizing advanced methodologies such as single-cell sequencing, multi-omics approaches, and bioinformatics tools to dissect the intricacies of gene expression in heterogeneous tumor microenvironments are highly encouraged. Both original research and review papers are welcomed. This Special Issue endeavors to bridge the gap between molecular research and clinical oncology, fostering innovation that could lead to improved outcomes for patients affected by various cancers.

### Guest Editors

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### Deadline for manuscript submissions

31 August 2025



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### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

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