

Special Issue

Molecular Oncogenetics: Insights into Cancer Development, Drug Resistance, and Personalized Treatments

Message from the Guest Editors

We are launching a Special Issue titled “Molecular Oncogenetics: Insights into Cancer Development, Drug Resistance, and Personalized Treatments.” We invite submissions that delve into the molecular alterations and oncogenetic mechanisms influencing cancer cell behavior and patient outcomes. Studies that leverage genomic and transcriptomic data to unravel the genetic landscape of cancer and identify biomarkers for early detection and prognosis are particularly welcome. Additionally, we seek research that investigates the molecular basis of drug resistance, aiming to uncover novel therapeutic targets and strategies to overcome resistance. We encourage contributions that demonstrate the application of molecular oncogenetics in developing precision medicine approaches, including the design of personalized treatment regimens based on genetic and molecular profiling. This Special Issue is supervised by and , assisted by Assistant Dr. Graziana Spoto (Humanitas Hospital of Catania; University of Catania, Italy).

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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About the Journal

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.

Editor-in-Chief

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