

## Special Issue

# Bioactive Compounds in Cancers

### Message from the Guest Editors

Cancer is one of the leading causes of death worldwide, and its incidence continues to increase dramatically. The complexity of cancer identities, the individuality of each patient, and the emergence of resistance to cancer treatment make it difficult to obtain the desired clinical benefit, largely contributing to the large numbers. In the cancer research field, several therapeutic strategies have been extensively explored, from the discovery of new bioactive compounds to the repurposing of currently available drugs, yet challenges remain. In this regard, and given the chemistry diversity in nature, the use of compounds based on natural sources, including plants, bacteria, or other living organisms, has gained particular attention as they could be more reliable, economical, and safer. Hence, this research topic aims to highlight the recent advances and breakthroughs in emerging anticancer strategies based on bioactive compounds alone or in combination with other clinical standard treatments, providing scientific evidence on their mechanisms of action.

### Guest Editors

Dr. Patricia M. A. Silva  
Dr. Honorina Cidade  
Dr. Hassan Bousbaa

### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

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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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