

Special Issue

Data Analysis and Integration in Cancer Research

Message from the Guest Editors

Recent technological advancements in genomics have paved the way to a deeper understanding of the mechanisms driving the onset and progression of cancer, providing an unprecedented source of information for the investigation of the features determining treatment outcomes. The amount and diversity of currently available data poses an important challenge: the ability to meaningfully analyze and integrate information from different biological sources, in order to obtain a more detailed and complete picture of the complex dynamics behind biological events related to cancer. In this regard, advances in bioinformatics and computational biology techniques, along with dedicated tools, are essential for the integrative analysis of high-dimensional data. This Special Issue will cover a selection of research articles, review articles, and commentaries reporting recent methodological advancements on the analysis and integration of high-dimensional data, with a particular focus on (multi-)omics technologies in the study of molecular dynamics in cancer.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



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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.

Editor-in-Chief

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