

Special Issue

Cancer Biology: Machine Learning and Bioinformatics

Message from the Guest Editors

Recent advances in machine learning and bioinformatics are significantly impacting the field of cancer biology, providing powerful tools to analyse complex molecular data and identify novel therapeutic targets. These approaches offer valuable insights into multi-omics layers, supporting the development of more accurate diagnostic models and personalised treatment strategies. This Special Issue will highlight innovative research interconnecting computational science and oncology. We invite contributions that focus on algorithm development, multi-omics investigations, predictive modelling, and machine learning applications, all of which will enhance our understanding of cancer mechanisms and inform clinical decision-making. Furthermore, particular emphasis will be placed on works that utilise interdisciplinary collaboration and clear translational potential, as collaborative efforts between computational scientists and clinicians can bridge the gap between algorithmic innovations and practical implementations, ensuring that these technological advancements translate into real benefits for cancer patients.

Guest Editors

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Dr. Anna Visibelli

Deadline for manuscript submissions

30 November 2025



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/241144

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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