

Special Issue

Artificial Intelligence and Data Science for the Discovery of Anticancer Targets and Decision Support

Message from the Guest Editor

The convergence of artificial intelligence (AI), data science, and systems biology is transforming the landscape of cancer research, particularly through the discovery of novel therapeutic targets. This Special Issue invites the submission of contributions exploring the use of AI and data-driven approaches in identifying, prioritizing, and validating molecular targets for anticancer therapy. We are especially interested in integrative studies that use machine or deep learning, network analysis, and multi-omics data to uncover cancer-specific vulnerabilities. Manuscripts that contain decision-making frameworks based on predictive models, risk stratification, or the clinical translation of identified targets are highly encouraged. The goal is to highlight innovative computational methodologies that accelerate the drug discovery pipeline and inform precision oncology, bridging the gap between big data and actionable medical insights.

Guest Editor

Prof. Dr. Soumia Ziti

Intelligent Processing & Security of Systems (IPSS) Research Team,
Faculty of Sciences, Mohammed V University in Rabat, Rabat 10000,
Morocco

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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