

Special Issue

Combating Drug Resistance in Cancer: From Novel Biomarkers to Enhanced Therapeutic Efficacy—2nd Edition

Message from the Guest Editor

The development of chemoresistance represents a significant hurdle for successfully treating cancer. Many scientific findings from recent preclinical and clinical studies have undoubtedly broadened our current knowledge of the mechanisms underlying the development of cancer drug resistance, paving the way for the design of novel therapeutic strategies for patients with refractory cancer. In this Special Issue of *IJMS*, we welcome basic and translational studies that address all issues pertinent to cancer drug resistance, including the following: the discovery of novel molecular mechanisms and druggable targets for chemoresistance; the identification of novel prognostic and predictive biomarkers of chemoresistance to enable patient stratification and tailored treatment; the application of bioinformatics and artificial intelligence tools for drug response prediction, risk stratification and the elucidation of chemoresistance mechanisms by integrating different molecular information; and the discovery of novel combinations of clinically approved anticancer drugs with chemotherapy-sensitising agents to overcome chemoresistance in cancer patients.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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