

## Special Issue

# Defeating Multidrug Resistance: Innovations in Cancer Therapy

### Message from the Guest Editor

Multidrug resistance (MDR) remains a formidable obstacle in the fight against cancer, complicating the efficacy of therapies. This Special Issue, published in the *International Journal of Molecular Sciences*, seeks to explore the complex molecular mechanisms underlying drug resistance and the innovative strategies able to overcome these challenges. We welcome contributions that focus on the molecular interactions, genetic mutations, and cellular processes responsible for MDR in cancer cells. Although direct clinical studies are not suitable for submission to our journal, contributions that integrate clinical insights with biomolecular experiments are highly encouraged. This includes studies employing model systems or clinical samples to elucidate the molecular basis of the response and resistance of cells to cancer therapies. By focusing on the problems and solutions associated with multidrug resistance, this Special Issue aims to advance our understanding and development of more effective cancer treatments.

### Guest Editor

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### Deadline for manuscript submissions

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## About the Journal

### 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.

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