



## Molecular Biology and Drug-Resistance of Cancer Cells

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Deadline for manuscript  
submissions:

**closed (30 July 2023)**

### Message from the Guest Editor

This Special Issue covers the novel anticancer therapies may be developed by considering the following factors:  
<false,>Constant monitoring of the drug resistance behavior, which is required to identify genetic alterations in cancer cells;

Identification of the molecular mechanism of drug resistance and targeted therapy protocol against specific genes;

Sensitization of cancer cells to chemotherapeutic agents through targeted RNAi practice (miRNA or siRNA) against drug resistance genes;

Implementation of combination therapy for drug-resistant cancer types, as drug cocktails often produce synergistic or additive effects against drug-resistant cancers;

Metabolic monitoring and metabolic pathway targeted therapy (e.g., Warburg pathway, OXPHOS pathway), which are required to overcome the metabolic alterations and escapes of the cancer cells;

Development of novel synthetic drugs with more profound responses by integrating clinical-genomic data and computational modeling systems.

This research topic will redefine our approach to understanding the molecular mechanism of developing drug resistance in cancer cells.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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