



Drug Discovery: Genomic and Transcriptomic Approaches

Guest Editor:

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Message from the Guest Editor

With the development of sequencing capability and bioinformatics analytic tools, omics have become an indispensable tool in modern drug discovery. High-throughput data such as genomic, epigenetic, transcriptomic, proteomic, metabolomic, and ribosome profiling data as well as single-cell sequencing have all made significant contributions to mechanism-based drug discovery and drug repurposing. Omics data analysis can not only accelerate drug target identification and drug candidate screening but can also facilitate the characterization of side effects and predict drug resistance.

For this Special Issue, we encourage the use of omics data for drug-discovery-related exploration, aiming to provide a forum for advances in the development and application of omics-based drug-discovery strategies.





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Message from the Editor-in-Chief

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