

## Drug Design Techniques and Pharmacology

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**Drug design**, also known as rational **drug design**, is the inventive process of finding new medications based on the knowledge of a biological target. **Drug design** defines the **design** of molecules that are complementary in shape and charge to the biomolecular target with which they interact and therefore will bind to it. The drug is most commonly an organic small molecule that activates or inhibits the function of a biomolecule such as a protein, which in turn results in a therapeutic benefit to the patient. In the most basic sense, drug design involves the design of molecules that are complementary in shape and charge to the biomolecular target with which they interact and therefore will bind to it. Drug design frequently but not necessarily relies on computer modeling techniques. This type of modeling is sometimes referred to as **computer-aided drug design**. Finally, drug design that relies on the knowledge of the three-dimensional structure of the biomolecular target is known as **structure-based drug design**. In addition to small molecules, biopharmaceuticals including peptides and especially therapeutic antibodies are an increasingly important class of drugs and computational methods for improving the affinity, selectivity, and stability of these protein-based therapeutics have also been developed.

By analysing the importance of **Drug Design Techniques and Pharmacology**, Conference Series Conference is organizing International Conference on [14th World Congress on Drug Design Techniques and Pharmacology](#) at October 19-20, 2020 Paris, France based on the theme "Innovation in Drug Design Techniques and Pharmacology". Scientific sessions of Drug design 2020

includes Drug Design and Development, Drug Delivery Techniques, Medicinal Chemistry in Drug Discovery, Drug Discovery and Development, CADD Computer Aided Drug Delivery, Cancer Targeted Drug Delivery, Novel Drug Delivery Systems, Pharmaceutical Drug Discovery and Nanotechnology, Proteomics and Bioinformatics in Drug Delivery, Business Opportunities in Drug Delivery, Pharmaceutical Technology, Clinical Pharmacology, Natural Products Drug Discovery, Drug Targeting/Drug Metabolism, Medical Devices for Drug Delivery, Women Health Drug Discovery & Therapy, In-Silico Drug Design and In-Silico Screening, Multifactorial Diseases, Padiopharmaceuticals, Drug design market, Pharmacology Techniques. **Drug design 2020** embraces with [Keynote Session](#), Oral Session, Poster Session, Young Researchers Session and Exhibitor Session.

[Paris](#) is hosting the 14th World Congress on Drug Design Techniques and Pharmacology at October 19-20, 2020. Paris, France's capital, is a major European city and a global center for art, fashion, gastronomy and culture. Its 19th-century cityscape is crisscrossed by wide boulevards and the River Seine. Beyond such landmarks as the Eiffel Tower and the 12th-century, Gothic Notre-Dame cathedral, the city is known for its cafe culture and designer boutiques along the Rue du Faubourg Saint-Honoré.

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