

Drug discovery and development volume 1 : drug discovery

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Abstrak

This book contains case studies of the discovery of erythromycin analogs (antibiotics), Tagamet, and Ultiva (remifentanyl). Discusses the discovery of agents for the treatment and management of bacterial infections, Parkinson's disease, psoriasis, ulcers and stomach pain, atopic dermatitis, asthma, and cancer. Contains chapters on combinatorial chemistry, molecular biology-based drug discovery, genomics, and chemogenomics.

The first volume of this set thoroughly describes conceptualizing a drug, creating a library of candidates for testing, screening those candidates for in vitro and in vivo activity, conducting and analyzing the results of clinical trials, and revising the drug as necessary.