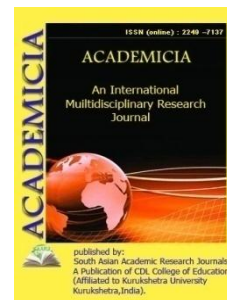




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## DRUG DISCOVERY: A COMPLETE REVIEW

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### ABSTRACT

*The drug business is one of the main actors driving the growth of the medicines, biotechnology & pharmacology sector. Drug discovery is the process through which medicines are discovered and developed. It is a technique which aims at finding a chemical therapeutically helpful in healing & treating illness. The process of drug discovery includes the identification of candidates, synthesis, characterisation, screening & tests for therapeutic effectiveness. Once a molecule has proven its usefulness in these tests, it will begin the process of medication development prior to clinical trials. Developing a new medication is a laborious & costly endeavor, despite exciting discoveries and multibillion dollar expenditures for new drug development is silently facing turmoil. Currently, all current treatments collectively reach only about 400 distinct pharmacological targets. It is predicted that there are at least 10 times as many potential pharmacological targets that could be explored for future therapeutic treatment in the future.*

**KEYWORDS:** *Clinical trial, Clinical trials, Drug discovery, Drug development, Potential drug targets.*

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