

# Drug Discovery Technologies

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## Abstracts

### Report Scope:

In recent years, the drug discovery technologies industry has seen remarkable developments and rapid progress. This report focuses on the global drug discovery technologies market and provides an updated review to include basic design and its applications in different disease areas. The drug discovery technologies include high-throughput screening, bioanalytical instruments, cell-based assays and reagents, genomics, bioinformatics, proteomics, and few others, like combinatorial chemistry, metabolomics, nanotechnology and system biology. These technologies are further classified into subcategories for the purpose of this report. The five main disease application areas described in this report concern different cancer diseases, immunological diseases, neurological diseases, cardiovascular diseases and others, including metabolic, endocrinology and genetic diseases.

The report also covers the market by end-user for drug discovery technologies, segmented into biopharmaceutical companies, research and academia, and contract research organizations (CROs).

This BCC Research report is global in scope and includes an analysis of the various regulatory environments, advancements, new products, market projections and market shares. Also, the report includes relevant patent analysis and comprehensive profiles of companies that lead the drug discovery technologies market. The geographical regions covered are North America, Europe, Asia-Pacific and the Rest of the World. Detailed analyses of major countries such as the U.S., Canada, Germany, the U.K., France, Spain, Italy, Japan, China and India are covered in regional segments. For market estimates, data is provided for 2019 as the base year, 2020, and forecast through year-end 2025. Projected and forecasted revenue values are in constant U.S. dollars that have not been adjusted for inflation.

## Report Includes:

31 data tables and 16 additional tables

An overview of the global market for drug discovery technologies

Estimation of the market size and analyses of global market trends, with data from 2019, 2020, and projections of compound annual growth rates (CAGRs) through 2025

Evaluation of market forecast, pipeline analysis of new products, regulatory scenarios and detailed analysis of drivers, challenges, and opportunities affecting market growth

Market share analysis of drug discovery technologies based on type, application, end-user, and region

Information on reverse transcription-polymerase chain reaction (qRT-PCR), and next-generation sequencing (NGS) and coverage of bioanalytical instruments used for drug discovery

Information on pharmacokinetics and pharmacodynamics, and classification of techniques used in drug discovery

Discussion on bioinformatics as platform for drug discovery and comparison between proteomics and genomics drug discovery technology

Detailed description of COVID-19 including symptoms and progression, its effect on medical tourism and insurance providers and coverage of government expenditure on COVID-19

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies

Comprehensive company profiles of major players of the industry, including Thermo Fisher Scientific, General Electric Co., Agilent, Illumina, Merck KGaA and Bio-Rad Laboratories



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