

2020-2025 Global Computer Aided Drug Discovery Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

Computer aided drug design (CADD) is a method of designing and optimizing lead compounds based on computer chemistry, through computer simulations, calculations, and the relationship between drugs and receptor biomacromolecules. Using this new technology, drug design from both biochemical and receptor aspects is the trend of new drug design.

This report elaborates the market size, market characteristics, and market growth of the Computer Aided Drug Discovery industry, and breaks down according to the type, application, and consumption area of Computer Aided Drug Discovery. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Computer Aided Drug Discovery in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Computer Aided Drug Discovery market covered in Chapter 13:

Novartis

Agouron

Biota

AMRI

Roche

Merck Sharp and Dohme

Charles River

Pharmaron

Profacgen

Roche

In Chapter 6, on the basis of types, the Computer Aided Drug Discovery market from 2015 to 2025 is primarily split into:

Based on ligand small molecules

Based on receptor targets

In Chapter 7, on the basis of applications, the Computer Aided Drug Discovery market from 2015 to 2025 covers:

Active Site Analysis

Database Search

Drug Design

Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 COMPUTER AIDED DRUG DISCOVERY MARKET - RESEARCH SCOPE

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

2 COMPUTER AIDED DRUG DISCOVERY MARKET - RESEARCH METHODOLOGY

- 2.1 Methodology
- 2.2 Research Data Source
 - 2.2.1 Secondary Data
 - 2.2.2 Primary Data
 - 2.2.3 Market Size Estimation
 - 2.2.4 Legal Disclaimer

3 COMPUTER AIDED DRUG DISCOVERY MARKET FORCES

- 3.1 Global Computer Aided Drug Discovery Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
 - 3.2.1 Political Factors
 - 3.2.2 Economic Factors
 - 3.2.3 Social Factors
 - 3.2.4 Technological Factors
 - 3.2.5 Environmental Factors
 - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
 - 3.4.1 Risk Assessment on COVID-19
 - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
 - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

4 COMPUTER AIDED DRUG DISCOVERY MARKET - BY GEOGRAPHY

- 4.1 Global Computer Aided Drug Discovery Market Value and Market Share by Regions
 - 4.1.1 Global Computer Aided Drug Discovery Value (\$) by Region (2015-2020)

4.1.2 Global Computer Aided Drug Discovery Value Market Share by Regions (2015-2020)

4.2 Global Computer Aided Drug Discovery Market Production and Market Share by Major Countries

4.2.1 Global Computer Aided Drug Discovery Production by Major Countries (2015-2020)

4.2.2 Global Computer Aided Drug Discovery Production Market Share by Major Countries (2015-2020)

4.3 Global Computer Aided Drug Discovery Market Consumption and Market Share by Regions

4.3.1 Global Computer Aided Drug Discovery Consumption by Regions (2015-2020)

4.3.2 Global Computer Aided Drug Discovery Consumption Market Share by Regions (2015-2020)

5 COMPUTER AIDED DRUG DISCOVERY MARKET - BY TRADE STATISTICS

5.1 Global Computer Aided Drug Discovery Export and Import

5.2 United States Computer Aided Drug Discovery Export and Import (2015-2020)

5.3 Europe Computer Aided Drug Discovery Export and Import (2015-2020)

5.4 China Computer Aided Drug Discovery Export and Import (2015-2020)

5.5 Japan Computer Aided Drug Discovery Export and Import (2015-2020)

5.6 India Computer Aided Drug Discovery Export and Import (2015-2020)

5.7 ...

6 COMPUTER AIDED DRUG DISCOVERY MARKET - BY TYPE

6.1 Global Computer Aided Drug Discovery Production and Market Share by Types (2015-2020)

6.1.1 Global Computer Aided Drug Discovery Production by Types (2015-2020)

6.1.2 Global Computer Aided Drug Discovery Production Market Share by Types (2015-2020)

6.2 Global Computer Aided Drug Discovery Value and Market Share by Types (2015-2020)

6.2.1 Global Computer Aided Drug Discovery Value by Types (2015-2020)

6.2.2 Global Computer Aided Drug Discovery Value Market Share by Types (2015-2020)

6.3 Global Computer Aided Drug Discovery Production, Price and Growth Rate of Based on ligand small molecules (2015-2020)

6.4 Global Computer Aided Drug Discovery Production, Price and Growth Rate of

Based on receptor targets (2015-2020)

7 COMPUTER AIDED DRUG DISCOVERY MARKET - BY APPLICATION

7.1 Global Computer Aided Drug Discovery Consumption and Market Share by Applications (2015-2020)

7.1.1 Global Computer Aided Drug Discovery Consumption by Applications (2015-2020)

7.1.2 Global Computer Aided Drug Discovery Consumption Market Share by Applications (2015-2020)

7.2 Global Computer Aided Drug Discovery Consumption and Growth Rate of Active Site Analysis (2015-2020)

7.3 Global Computer Aided Drug Discovery Consumption and Growth Rate of Database Search (2015-2020)

7.4 Global Computer Aided Drug Discovery Consumption and Growth Rate of Drug Design (2015-2020)

7.5 Global Computer Aided Drug Discovery Consumption and Growth Rate of Others (2015-2020)

8 NORTH AMERICA COMPUTER AIDED DRUG DISCOVERY MARKET

8.1 North America Computer Aided Drug Discovery Market Size

8.2 United States Computer Aided Drug Discovery Market Size

8.3 Canada Computer Aided Drug Discovery Market Size

8.4 Mexico Computer Aided Drug Discovery Market Size

8.5 The Influence of COVID-19 on North America Market

9 EUROPE COMPUTER AIDED DRUG DISCOVERY MARKET ANALYSIS

9.1 Europe Computer Aided Drug Discovery Market Size

9.2 Germany Computer Aided Drug Discovery Market Size

9.3 United Kingdom Computer Aided Drug Discovery Market Size

9.4 France Computer Aided Drug Discovery Market Size

9.5 Italy Computer Aided Drug Discovery Market Size

9.6 Spain Computer Aided Drug Discovery Market Size

9.7 The Influence of COVID-19 on Europe Market

10 ASIA-PACIFIC COMPUTER AIDED DRUG DISCOVERY MARKET ANALYSIS

- 10.1 Asia-Pacific Computer Aided Drug Discovery Market Size
- 10.2 China Computer Aided Drug Discovery Market Size
- 10.3 Japan Computer Aided Drug Discovery Market Size
- 10.4 South Korea Computer Aided Drug Discovery Market Size
- 10.5 Southeast Asia Computer Aided Drug Discovery Market Size
- 10.6 India Computer Aided Drug Discovery Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

11 MIDDLE EAST AND AFRICA COMPUTER AIDED DRUG DISCOVERY MARKET ANALYSIS

- 11.1 Middle East and Africa Computer Aided Drug Discovery Market Size
- 11.2 Saudi Arabia Computer Aided Drug Discovery Market Size
- 11.3 UAE Computer Aided Drug Discovery Market Size
- 11.4 South Africa Computer Aided Drug Discovery Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

12 SOUTH AMERICA COMPUTER AIDED DRUG DISCOVERY MARKET ANALYSIS

- 12.1 South America Computer Aided Drug Discovery Market Size
- 12.2 Brazil Computer Aided Drug Discovery Market Size
- 12.3 The Influence of COVID-19 on South America Market

13 COMPANY PROFILES

- 13.1 Novartis
 - 13.1.1 Novartis Basic Information
 - 13.1.2 Novartis Product Profiles, Application and Specification
 - 13.1.3 Novartis Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.2 Agouron
 - 13.2.1 Agouron Basic Information
 - 13.2.2 Agouron Product Profiles, Application and Specification
 - 13.2.3 Agouron Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.3 Biota
 - 13.3.1 Biota Basic Information
 - 13.3.2 Biota Product Profiles, Application and Specification
 - 13.3.3 Biota Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.4 AMRI
 - 13.4.1 AMRI Basic Information

- 13.4.2 AMRI Product Profiles, Application and Specification
- 13.4.3 AMRI Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.5 Roche
 - 13.5.1 Roche Basic Information
 - 13.5.2 Roche Product Profiles, Application and Specification
 - 13.5.3 Roche Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.6 Merck Sharp and Dohme
 - 13.6.1 Merck Sharp and Dohme Basic Information
 - 13.6.2 Merck Sharp and Dohme Product Profiles, Application and Specification
 - 13.6.3 Merck Sharp and Dohme Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.7 Charles River
 - 13.7.1 Charles River Basic Information
 - 13.7.2 Charles River Product Profiles, Application and Specification
 - 13.7.3 Charles River Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.8 Pharmaron
 - 13.8.1 Pharmaron Basic Information
 - 13.8.2 Pharmaron Product Profiles, Application and Specification
 - 13.8.3 Pharmaron Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.9 Profacgen
 - 13.9.1 Profacgen Basic Information
 - 13.9.2 Profacgen Product Profiles, Application and Specification
 - 13.9.3 Profacgen Computer Aided Drug Discovery Market Performance (2015-2020)
- 13.10 Roche
 - 13.10.1 Roche Basic Information
 - 13.10.2 Roche Product Profiles, Application and Specification
 - 13.10.3 Roche Computer Aided Drug Discovery Market Performance (2015-2020)

14 MARKET FORECAST - BY REGIONS

- 14.1 North America Computer Aided Drug Discovery Market Forecast (2020-2025)
- 14.2 Europe Computer Aided Drug Discovery Market Forecast (2020-2025)
- 14.3 Asia-Pacific Computer Aided Drug Discovery Market Forecast (2020-2025)
- 14.4 Middle East and Africa Computer Aided Drug Discovery Market Forecast (2020-2025)
- 14.5 South America Computer Aided Drug Discovery Market Forecast (2020-2025)

15 MARKET FORECAST - BY TYPE AND APPLICATIONS

15.1 Global Computer Aided Drug Discovery Market Forecast by Types (2020-2025)

15.1.1 Global Computer Aided Drug Discovery Market Forecast Production and Market Share by Types (2020-2025)

15.1.2 Global Computer Aided Drug Discovery Market Forecast Value and Market Share by Types (2020-2025)

15.2 Global Computer Aided Drug Discovery Market Forecast by Applications (2020-2025)

List Of Tables

LIST OF TABLES AND FIGURES

Figure Computer Aided Drug Discovery Picture

Table Computer Aided Drug Discovery Key Market Segments

Figure Study and Forecasting Years

Figure Global Computer Aided Drug Discovery Market Size and Growth Rate
2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Computer Aided Drug Discovery Value (\$) and Growth Rate (2015-2020)

Table Global Computer Aided Drug Discovery Value (\$) by Countries (2015-2020)

Table Global Computer Aided Drug Discovery Value Market Share by Regions
(2015-2020)

Figure Global Computer Aided Drug Discovery Value Market Share by Regions in 2019

Figure Global Computer Aided Drug Discovery Production and Growth Rate
(2015-2020)

Table Global Computer Aided Drug Discovery Production by Major Countries
(2015-2020)

Table Global Computer Aided Drug Discovery Production Market Share by Major
Countries (2015-2020)

Figure Global Computer Aided Drug Discovery Production Market Share by Regions in
2019

Figure Global Computer Aided Drug Discovery Consumption and Growth Rate
(2015-2020)

Table Global Computer Aided Drug Discovery Consumption by Regions (2015-2020)

Table Global Computer Aided Drug Discovery Consumption Market Share by Regions
(2015-2020)

Figure Global Computer Aided Drug Discovery Consumption Market Share by Regions
in 2019

Table Global Computer Aided Drug Discovery Export Top 3 Country 2019

Table Global Computer Aided Drug Discovery Import Top 3 Country 2019

Table United States Computer Aided Drug Discovery Export and Import (2015-2020)

Table Europe Computer Aided Drug Discovery Export and Import (2015-2020)

Table China Computer Aided Drug Discovery Export and Import (2015-2020)

Table Japan Computer Aided Drug Discovery Export and Import (2015-2020)

Table India Computer Aided Drug Discovery Export and Import (2015-2020)

Table Global Computer Aided Drug Discovery Production by Types (2015-2020)
Table Global Computer Aided Drug Discovery Production Market Share by Types (2015-2020)
Figure Global Computer Aided Drug Discovery Production Share by Type (2015-2020)
Table Global Computer Aided Drug Discovery Value by Types (2015-2020)
Table Global Computer Aided Drug Discovery Value Market Share by Types (2015-2020)
Figure Global Computer Aided Drug Discovery Value Share by Type (2015-2020)
Figure Global Based on ligand small molecules Production and Growth Rate (2015-2020)
Figure Global Based on ligand small molecules Price (2015-2020)
Figure Global Based on receptor targets Production and Growth Rate (2015-2020)
Figure Global Based on receptor targets Price (2015-2020)
Table Global Computer Aided Drug Discovery Consumption by Applications (2015-2020)
Table Global Computer Aided Drug Discovery Consumption Market Share by Applications (2015-2020)
Figure Global Computer Aided Drug Discovery Consumption Share by Application (2015-2020)
Figure Global Active Site Analysis Consumption and Growth Rate (2015-2020)
Figure Global Database Search Consumption and Growth Rate (2015-2020)
Figure Global Drug Design Consumption and Growth Rate (2015-2020)
Figure Global Others Consumption and Growth Rate (2015-2020)
Figure North America Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)
Table North America Computer Aided Drug Discovery Consumption by Countries (2015-2020)
Table North America Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)
Figure North America Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)
Figure United States Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)
Figure Canada Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)
Figure Mexico Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)
Figure North America COVID-19 Status
Figure Europe Computer Aided Drug Discovery Market Consumption and Growth Rate

(2015-2020)

Table Europe Computer Aided Drug Discovery Consumption by Countries (2015-2020)

Table Europe Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Europe Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Germany Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure France Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Italy Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Spain Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Computer Aided Drug Discovery Consumption by Countries (2015-2020)

Table Asia-Pacific Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure China Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Japan Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure South Korea Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure India Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Computer Aided Drug Discovery Consumption by

Countries (2015-2020)

Table Middle East and Africa Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure UAE Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure South Africa Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Figure South America Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Table South America Computer Aided Drug Discovery Consumption by Countries (2015-2020)

Table South America Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure South America Computer Aided Drug Discovery Consumption Market Share by Countries (2015-2020)

Figure Brazil Computer Aided Drug Discovery Market Consumption and Growth Rate (2015-2020)

Table Novartis Company Profile

Table Novartis Production, Value, Price, Gross Margin 2015-2020

Figure Novartis Production and Growth Rate

Figure Novartis Value (\$) Market Share 2015-2020

Table Agouron Company Profile

Table Agouron Production, Value, Price, Gross Margin 2015-2020

Figure Agouron Production and Growth Rate

Figure Agouron Value (\$) Market Share 2015-2020

Table Biota Company Profile

Table Biota Production, Value, Price, Gross Margin 2015-2020

Figure Biota Production and Growth Rate

Figure Biota Value (\$) Market Share 2015-2020

Table AMRI Company Profile

Table AMRI Production, Value, Price, Gross Margin 2015-2020

Figure AMRI Production and Growth Rate

Figure AMRI Value (\$) Market Share 2015-2020

Table Roche Company Profile

Table Roche Production, Value, Price, Gross Margin 2015-2020

Figure Roche Production and Growth Rate
Figure Roche Value (\$) Market Share 2015-2020
Table Merck Sharp and Dohme Company Profile
Table Merck Sharp and Dohme Production, Value, Price, Gross Margin 2015-2020
Figure Merck Sharp and Dohme Production and Growth Rate
Figure Merck Sharp and Dohme Value (\$) Market Share 2015-2020
Table Charles River Company Profile
Table Charles River Production, Value, Price, Gross Margin 2015-2020
Figure Charles River Production and Growth Rate
Figure Charles River Value (\$) Market Share 2015-2020
Table Pharmaron Company Profile
Table Pharmaron Production, Value, Price, Gross Margin 2015-2020
Figure Pharmaron Production and Growth Rate
Figure Pharmaron Value (\$) Market Share 2015-2020
Table Profacgen Company Profile
Table Profacgen Production, Value, Price, Gross Margin 2015-2020
Figure Profacgen Production and Growth Rate
Figure Profacgen Value (\$) Market Share 2015-2020
Table Roche Company Profile
Table Roche Production, Value, Price, Gross Margin 2015-2020
Figure Roche Production and Growth Rate
Figure Roche Value (\$) Market Share 2015-2020
Figure North America Market Consumption and Growth Rate Forecast (2020-2025)
Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)
Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)
Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)
Figure South America Market Consumption and Growth Rate Forecast (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Production by Types (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Production Share by Types (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Value (\$) by Types (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Value Share by Types (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Consumption by Applications (2020-2025)
Table Global Computer Aided Drug Discovery Market Forecast Consumption Share by

Applications (2020-2025)

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