

2020-2025 Global CRISPR Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

CRISPR (Clustered Regularly Interspaced Short Palindromic Repeat) is an RNA guided gene editing system that uses bacterially derived protein (Cas9) and a synthetic guided RNA to introduce a double strand break at a particular location within the genome.

Through this method, bacteria capture short sequences of nucleic acid from invading pathogens and combine them in CRISPR loci amidst the repeats. Small RNA's produced by transcription of CRISPR loci, guides a set of bacterial endonucleases to split the genomes of invading pathogens. This system has been adopted as a powerful technique enabling genome editing into the mainstream.

This report elaborates the market size, market characteristics, and market growth of the CRISPR industry, and breaks down according to the type, application, and consumption area of CRISPR. 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 CRISPR 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 CRISPR market covered in Chapter 13:

Addgene

Intellia Therapeutics, Inc.

CRISPR Therapeutics
GenScript Biotech Corporation
Integrated DNA Technologies, Inc.
Thermo Fisher Scientific, Inc.
GE Healthcare Dharmacon Inc
Transposagen Biopharmaceuticals, Inc.

In Chapter 6, on the basis of types, the CRISPR market from 2015 to 2025 is primarily split into:

Design Tools
Plasmid and Vector
Cas9 and g-RNA
Delivery System Products

In Chapter 7, on the basis of applications, the CRISPR market from 2015 to 2025 covers:

Genome Editing
Genetic Engineering
GMO and Crops
Human Stem Cells
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

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