

# CRISPR - Global Industry Size, Share, Trends, Analysis and Forecast 2019 – 2022

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*The global CRISPR market is anticipated to grow with the CAGR of 36.8% during the forecast period of 2017-2022*

PUNE , MAHARASHTRA, INDIA, February 6, 2019 /EINPresswire.com/ -- [Global CRISPR Industry](#)

Latest Report on CRISPR Market Global Analysis & 2022 Forecast Research Study

## Market Insights:

CRISPR stands for clustered regularly interspaced short palindromic repeats, it is a DNA sequence in bacteria. It forms the basis of the genome editing technology, CRISPR-CAS9, which allows permanent modification of genes within organisms. CRISPR also plays a vital role in bacterial defence systems. CRISPR has wide applications in genome engineering, RNA editing, Gene drive, Gene function, In- Vitro genetic depletion, biomedicines, disease models etc. Wide spread applications of CRISPR are the major factors augmenting the demand of CRISPR across globe. The global CRISPR market is anticipated to grow with the CAGR of 36.8% during the forecast period of 2017-2022. Increasing prevalence of genetic birth disorders and rising demand of synthetic genes is estimated to be the major factors that is driving the growth of CRISPR market. Moreover, growing age-related disorders, increasing prevalence of life style oriented diseases and fatalities and growing drug discovery market are also estimated to be the major factors that are driving the growth of the market

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However, there are certain factors that are hampering the growth of the market. Patent infringement and ethical issues associated with the misuse of CRISPR gene editing tools are estimated to be the major restraint in the growth of the market.

The global CRISPR market is analyzed on the basis of its application and end-users. On the basis of its applications, CRISPR market is segmented into cell line engineering, CRISPR plasmid, gene database or gene library, genetic engineering, genetically modified organism or crops genome editing, and human stem cells. CRISPR plasmid is estimated to account for major share in the CRISPR market owing to its high demand in drug discovery and research activities. On the basis of the end-users, our market is bifurcated into academic institutes, biotechnology companies, pharmaceuticals companies and research & development institutes. Research and development institutes are estimated to account for major share in the CRISPR market owing to high number of R&D activities in genome process and increasing drug discovery activities across globe.

## Geography Insights

Further, global CRISPR market is segmented on the basis of the geographical regions. On the basis of geography, market is bifurcated into North America, Asia Pacific, Europe and Rest of the World. North America is estimated to be the leading region in the global CRISPR market owing to its high number of research and development activities in the region. Asia Pacific is estimated to be the fastest growing region owing to increasing number of drug discovery activities in the region.

## Competitive Insights

Some of the prominent vendors of the CRISPR market are Caribou Bioscience, Collectics, Crisper Therapeutics, Editas Medicine, Genscript, Horizon Discovery PLC, Integrated DNA Technologies, Intellia Therapeutics Inc., Lonza Group Ltd., New England Biolabs, Oregene Technologies, Precision Bioscience, Sangamo Bioscience Inc., Sigma Aldrich, Thermo Fisher Scientific, Transposgen Biopharmaceuticals and so on.

## Market Segmentation

The CRISPR market has been segmented on the basis of application and end-users. According to the segmentation by application it is further bifurcated as cell line engineering, CRISPR plasmid, gRNA database/Gene library, genetically modified organisms or crops, genome editing and human stem cells. Based on end user the market has been bifurcated as academic institute, biotechnology companies, pharmaceutical companies and research and development.

## Global CRISPR Market Research and Analysis, By Application

### 2. Global CRISPR Market Research and Analysis, By End Users

OMR Report covers:

- Comprehensive research methodology of Global CRISPR Market
- This report also includes detailed and extensive market overview with Analyst insights & key market trends.
- Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.
- Analysis of regional regulations and other government policies impacting the Global CRISPR Market
- Insights about market determinants which are stimulating the Global CRISPR Market
- Detailed and extensive market segments with regional distribution of forecasted revenues.
- Extensive profiles and recent developments of market players.

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