

CRISPR Technology: Global Markets

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Abstracts

Report Scope:

The current report provides detailed exposure to the CRISPR technology market. This report highlights the current and future market potential of CRISPR technology, along with a detailed analysis of the drivers, restraints, and challenges in the market. The report also covers market projections for 2027, as well as the competitive environment and regulatory scenario. The report details the market share of CRISPR technology on applications and end users. The market is segmented into Biotechnology & Pharmaceutical Companies, Academics & Government Research Institutes, and Contract Research Organizations (CROs) based on end users. The market is categorized as Drug Development, Agriculture, Diagnostics, Clinical therapy, and Others based on Application. The report includes the company profiles of the key players with detailed information about their business segments, financials, product portfolios, and recent developments. The report also discusses the impact of the COVID-19 pandemic on this market.

By geography, the market has been segregated into North America, Europe, Asia-Pacific, and the Rest of the world. The North American region includes countries such as the U.S. and Canada; Europe includes Germany, U.K., France, and the Rest of Europe; Asia-Pacific includes China, India, Japan, and the Rest of Asia-Pacific. For market estimates, data has been provided for 2019 as the historic year, 2021 as the base year, and forecast for 2027.

Report Includes:

17 data tables and 37 additional tables

An up-to-date overview and analysis of the global market for CRISPR (Clustered

Regularly Interspaced Short Palindromic Repeats) technology

Analyses of the global market trends, with historic revenue data for 2019-2021, estimates for 2022, and projections of compound annual growth rates (CAGRs) through 2027

Highlights of the market potential for CRISPR technology, industry growth drivers, and areas of focus to forecast this market into various segments and sub-segments

Estimation of the actual market size and revenue forecast for the global CRISPR technology market in USD million terms, and corresponding market share analysis by application, end user, and region

Discussion of the major market dynamics, key shifts and regulations, industry specific challenges, and macroeconomic factors affecting the demand for CRISPR technology market over the coming years (2022-2027)

Identification of the companies that are best positioned to meet this demand because of their proprietary technologies, strategic alliances, or other advantages

A look at the recent technical breakthrough on the use of CRISPR-Cas9 genome editing technology, and how it has propelled the rapid growth in genetic engineering and advanced pharmacological research

Comparative study on CRISPR with TALE and ZFN nuclease as a gene editing tool and discussion on its higher adaptability over other nucleases

Review of the patent filings and research publications for innovations in the CRISPR-Cas9 genome editing technology

Insight into recent industry structure for CRISPR-Cas9 genome editing technology, competitive environment, clinical trials, ongoing research activities, and the COVID-19 impact on the marketplace

Company profiles of major players within the industry, including CRISPR Therapeutics AG, GenScript, Lonza Group Ltd, PerkinElmer and Thermo Fisher Scientific Inc.

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DANAHER CORP.

EDITAS MEDICINE

GENSCRIPT

HERA BIOLABS

INTELLIA THERAPEUTICS INC.

LONZA GROUP LTD.

MAMMOTH BIOSCIENCES INC.

NEW ENGLAND BIOLABS INC.

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