

Synthetic Biology Market Emerging Trends and Global Demand | Eurofins Scientific, Origene technologies, Scientific

Report provides an extensive analysis of the current and emerging market trends and a comprehensive overview of dynamics in the global synthetic biology market.

PORTLAND, OREGON, UNITED STATES, December 31, 2021 /EINPresswire.com/ -- According to the report by Allied Market Research, titled, "[Synthetic Biology Market](#) by Products (Synthetic DNA, Synthetic Genes, Software Tools, Synthetic Cells, Chassis Organisms), Technology (Genetic Engineering, Bioinformatics, Microfluidics), and Application (Pharmaceuticals & Diagnostics, Chemicals, Biofuels, Bioplastics, and Others) - Global Opportunity Analysis and Industry Forecast, 2022 - 2027". The report provides a detailed analysis of changing market dynamics, top segments, value chain, key investment pockets, regional scenario, and competitive landscape.

There are chiefly two approaches used in synthetic biology namely, top down approach and bottom up approach. Top-down approach involves the re-design and fabrication of existing biological systems for producing synthetic products. Bottom-up approach involves designing and construction of de novo biological systems or devices that do not exist in nature. An impending need to understand the functioning of genetic elements, cells and biological processes has led to the emergence of synthetic biology industry. Products developed in this new biological system are used across many industries, including pharmaceutical & diagnostics, energy, bioplastics and environment.

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Comprehensive competitive analysis and profiles of major market players, such as

The market report provides a comprehensive analysis of the leading companies operating in the global synthetic biology market. Key companies profiled in the report are Thermo Fischer Scientific, GenScript, DNA2.0, Integrated DNA technologies, Eurofins Scientific, Inc., Origene technologies, Scientific genomics Inc. Editas Medicine, Inc., Pareto Biotechnologies, Blue heron, TeselaGen, Twist biosciences, Syntrox Inc., and others.

Pharmaceutical and diagnostic application segment would continue to dominate throughout the forecast period. This is attributed to the rising adoption of technologies including, bioinformatics

in drug discovery and development and widespread use in diagnostic kits and toxicity screening. Moreover, favorable regulations and high R&D investment by companies intend to further supplement the growth of the pharmaceuticals and diagnostics application market.

Key Findings of Synthetic Biology Market:

Synthetic cells segment is projected to grow at a highest CAGR of 25.5% during the forecast period.

Synthetic oligos would continue to remain as the leading revenue generating segment, garnering around one fourth of the market share by 2020.

Microfluidics technology is projected to be the fastest growing segment, registering a CAGR of 32.5%.

Biofuels application segment is expected to register a highest CAGR of 24.2%.

Asia-Pacific bagged about 22% market share in 2020.

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FREQUENTLY ASKED QUESTIONS?

Q1. What is the market value of Synthetic Biology Market report in forecast period?

Q2. What would be forecast period in the market report?

Q3. What is the market value of Synthetic Biology Market in 2020?

Q4. Which is base year calculated in the Synthetic Biology Market report?

Q5. Does the Synthetic Biology Market company is profiled in the report?

Q6. Which are the top companies hold the market share in Synthetic Biology Market?

Q7. Does the Synthetic Biology Market report provides Value Chain Analysis?

Q8. What are the key trends in the Synthetic Biology Market report?

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