

Glycobiology Market: Global Share, Size, Trends and Growth Analysis Forecast to 2020-2024

Wiseguyreports.Com Adds "Glycobiology -Market Demand, Growth, Opportunities and Analysis Of Top Key Player Forecast To 2023" To Its Research Database

PUNE, MAHARASHTRA, INDIA, December 29, 2020 /EINPresswire.com/ -- [Glycobiology Industry](#)

Description

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The importance of carbohydrates in biological processes has long been underappreciated. Nevertheless, with new tools for synthesizing, modifying and studying oligosaccharides and glycoconjugates, the understanding of these biomolecules is rapidly improving. This knowledge is also yielding promising candidates for carbohydrate-based diagnostics, drugs and vaccines.

Importantly, the study of such molecules is technically challenging as no sequencing tool, such as that used in proteomics or genomics, is available. However, following on from genomics and proteomics, there is increasing recognition of the importance of carbohydrate-based molecules in basic cellular processes. The central role of saccharides in cellular interactions means that novel oligosaccharides are of value in R&D programs addressing a wide range of therapeutic areas, including inflammation, immunity, oncology, neurodegenerative disease, infection and more.

Because of their essential function in many cellular processes, carbohydrates are also important biomarkers in diagnostic assay development.

This report will highlight the main segments of the glycobiology industry and its major market participants, including current and future market trends. Drivers and challenges in each segment of this industry will be discussed in detail, with a forecast from 2016 through 2021.

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SCOPE AND FORMAT

This report presents current and important business tools to evaluate new commercial opportunities in glycobiology diagnostics, therapeutics and research tools market. The geographic scope of this study covers companies in the U.S. and worldwide. This market is complex and consists of number of different segments, each affected differently by scientific and technological development. The report identifies the main positive and negative factors in each segment and forecasts further trends, products and assay developments. Report Scope:

This report presents current and important business tools to evaluate new commercial opportunities in glycobiology diagnostics, therapeutics and research tools market. The geographic scope of this study covers companies in the U.S. and worldwide. This market is complex and consists of number of different segments, each affected differently by scientific and technological development. The report identifies the main positive and negative factors in each segment and forecasts further trends, products and assay developments.

Report Includes:

- An overview of the global markets for glycobiology diagnostics and therapeutics.
- Analyses of market trends, with data from 2015, 2016, and projections of CAGRs through 2021.
- Analyses of current trends, products, evolving technologies and new glycobiology related platforms in different clinical areas including oncology, immunology, cardiovascular, infectious diseases and neurodegeneration.
- A look at new tools for synthesizing, modifying and studying oligosaccharides and glycoconjugates.
- Evaluation of promising candidates for carbohydrate-based diagnostics, drugs and vaccines.
- Insight into how glycobiology offers enormous untapped potential in the discovery of new therapeutics derived from saccharides or other molecules which target the biosynthesis and function of saccharides.
- Profiles of major players in the industry.

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