



## Market Analysis

Market Analysis Of  
Glycobiology and  
Glycochemistry 2020

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The global glycobiology market is expected to reach USD 1,211.4 million by 2021 from USD 649.5 million in 2016, at a CAGR of 13.3%. Glycobiology is the study of carbohydrates and carbohydrate-containing biomolecules in biological processes. This study is used in diagnostics, drug discovery research, immunology, oncology, and various other applications. Glycobiology products are widely used for analysis of cell surface markers, which can act as diagnostic or therapeutic targets. The base year considered for the study is 2015, and the forecast has been provided for the period between 2016 and 2021.

**Restraints**

- High degree of consolidation acts as an entry barrier for new entrants
- Stringent regulatory frameworks and time-consuming approval processes

**Opportunities**

- Increased use of personalized medicine
- Biomarkers identification
- Developing countries and emerging markets

**Challenges**

- High cost of tools and instruments and their maintenance

Major players in the glycobiology market are Agilent Technologies (U.S.), Bruker Corporation (U.S.), Danaher Corporation (U.S.), New England Biolabs (U.S.), ProZyme, Inc. (U.S.), Shimadzu Corporation (Japan), Merck KGaA (Germany), Takara Bio, Inc. (Japan), Thermo Fisher Scientific (U.S.), and Waters Corporation (U.S.).

**Glycobiology Market Dynamics****Drivers**

- Increasing funding for Proteomics & glycomics research and growing R&D expenditure
- Growth of the proteomics market
- Technological advancements in glycomics instrumentation

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India glycomics/glycobiology market size, by end use, 2014 - 2025 (USD)

