

The global enzyme 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.

Scope and Importance:

It provides rapid publication of papers regarding

structure/function/biosynthesis of glycans in the broadest sense. Any paper providing novel information about the biological significance of glycans or glycosylation is appropriate. This includes, but is not exclusive of, studies pertaining to glycoproteins, glycolipids, proteoglycans, free oligosaccharides, lectins, glycosyltransferases, glycosidases, sugar and sugar nucleotide transporters, or enzymes of complex saccharide metabolism. In addition, glycans play a role in communication between cells and their external environment. Glycans play an important role in the development of multicellular organism. its important determinant of the efficacy of biologics such as therapeutic antibodies.