

Market Analysis: “17th World Congress on Structural Biology”

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MARKET ANALYSIS

Structural Biology is defined as the study of structure of biological molecules by using a variety of imaging techniques. Biomolecules are too small to see in detail, so scientists view them in 3D structures to observe their structure, function and the interaction between them. Mostly X-ray crystallography, nuclear magnetic resonance, cryo-electron microscopy and computational methods are used. By using this methods researcher understand how the thousands of different molecules in each of our cells work together to keep us healthy. To make the research more efficiently Structural biology 2018 deals with topics like, experimental and computational approaches in Structure prediction, Structural Bioinformatics, Cell signalling, molecular modelling and dynamics, drug designing, sequence analysis, databases and Novel imaging techniques used for structure prediction.

Structural Biology



■ Molecular Biology ■ Biophysics ■ Biochemistry

Global Business and Research on Structural Biology

The Structural Biology market is expected to reach tentatively USD 13.1 billion by 2025. It is very important to develop the research quality in the field of structural biology to discover medicines for the disease like Cancer, Diabetes, Alzheimer’s Disease. Additionally, developing drug resistance together with the high drug attrition rate is engendering the requirement for extensive

R&D activities, which is presumed to boost the adoption of structural biology and molecular modelling techniques in the drug discovery and development process. This is expected to serve as an efficient approach in fast tracking the development of drugs with high potency.

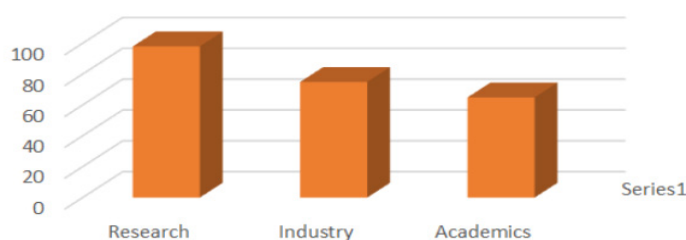
The increasing demand for molecular modelling techniques is predominantly attributable to the significant cost reduction enabled. This is due to the fact that prediction software identifies possible adverse reactions and determines drug efficacy and toxicity in the pre-clinical stages, thereby reducing the probability of drug failure at the later stages. Consequently, the above-mentioned factors serve as prominent reasons responsible for the widened market demand

Top Audience at Structural Biology Conference

Directors/Managers & Business Delegates, Founders, Director of Laboratories, Universities, Industries, Investigators, Post-Doctoral Fellows, Research and Diagnostic Laboratories, Clinical Fellows, Research Scholars, Students, Technology Experts, Biomedical Research companies.

Rise in the number of clinical trials, toxicological studies, and health awareness for nutritional products, rapid growth of structural biology analytical instruments, software and solutions, and use of structural biology as a base for drug designing will propel the growth and development of pharmaceuticals market.

Target Audience



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