

Structural Biology

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ABOUT WEBINAR

Conference series invites all the participants from all over the world to attend “Structural Biology Conference 2021”, which will be held during September 13-14, 2021.

Structural Biology Conference 2021 contributes opportunities to Scientists, research scholars, students, delegates and exhibitors to enhance their skills and improve quality of research. We welcome you to go along with us at the Structural Biology Conference 2021, where you will make certain to have an important involvement with both your colleagues and experts from around the globe. It helps you to implement practical, proven strategies to run your research more effectively, efficiently and profitably. All individuals from the Structural Biology 2021 sorting out council anticipate meeting you in Prague, Czech Republic. Welcomes all the Directors/Managers & Business Delegates, Founders, Director of Laboratories, Universities, Industries, Investigators, Post-Doctoral Fellows, Research and Diagnostic Laboratories, Clinical Fellows, Students, Technology Experts, Biomedical Research companies research scholars, industrial professionals and student delegates from Biology sectors to be a part of the esteemed Structural Biology 2021 Conference. As this will be the best amalgamation of academia and research involving every aspect of novel imaging techniques and drug designing. It is open to all types of research methodologies both from academia and industry.

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, cry-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 signaling, molecular modelling and dynamics, drug designing, sequence analysis, databases and Novel imaging techniques used for structure prediction.

GLOBAL BUSINESS & 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 & molecular modeling 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.

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