Global Protein Crystallization & Crystallography Market 2014-2018

Description: About Protein Crystallization and Crystallography

In this proteomics era, the protein crystallography technique is widely used to determine the three-dimensional structure of proteins. The data generated from various methods such as X-ray crystallography, NMR spectroscopy, cryo-electron microscopy, gel-electrophoresis alone or in combination are used to determine the structure of proteins. With the use of crystallography technique, the number of crystal structures deposited in the PDB has increased over the past few years. Crystallography technique has wide application in many industries such as Pharmaceutical, Cosmetic, as well as Food. Despite the structural complexity of the proteins, the crystallography technique facilitates structure-based drug design to specifically target biological molecules. This technique has led to effective treatments for many diseases by discovery of new antibiotics, drugs, and vaccines.

The analysts forecast the Global Protein Crystallization and Crystallography market to grow at a CAGR of 10.15 percent over the period 2013-2018.

Covered in this Report
This report covers the present scenario and the growth prospects of the Global Protein Crystallization and Crystallography market for the period 2014-2018. To calculate the market size, the report considers revenue generated from the sales of various methods used to determine the structure of a protein using crystallography techniques. The report also presents the vendor landscape and a corresponding detailed analysis of the top four vendors in the Global Protein Crystallization and Crystallography market. In addition, the report discusses the major drivers that influence the growth of the market. It also outlines the challenges faced by the vendors and the market at large, as well as the key trends that are emerging in the market.

The report, Global Protein Crystallization and Crystallography Market 2014-2018, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the Americas, and the EMEA and APAC regions; it also covers the Global Protein Crystallization and Crystallography market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key Regions
- Americas
- APAC
- EMEA

Key Vendors
- Hampton Research
- Jena Bioscience
- Molecular Dimensions
- Rigaku

Other Prominent Vendors
- Agilent Technologies
- Anton Paar
- Art Robbins Instruments
- Bio-Rad Laboratories
- Bruker
- Crelux
- Danaher
- Dynamic Devices
- Emerald BioStructures
- Fluidigm
- Formulatrix
- GE Healthcare Life Sciences
- Helena Laboratories
Market Drivers
- Rise in Drug Discovery
  - For a full, detailed list, view our report

Market Challenges
- Lack of Technical Expertise
  - For a full, detailed list, view our report

Market Trends
- Laboratory Automation Using Liquid Handling Robotics
  - For a full, detailed list, view our report

Key Questions Answered in this Report
- What will the market size be in 2018 and what will the growth rate be?
- What are the key Market Trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

The report is also available as part of our annual subscription offer. Please get in touch with our customers service team in order to find out more.
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