Global 3D Bioprinting Market — Analysis and Forecast (2016-2022)

Description:

The global 3D bioprinter market is estimated to witness a growth at a CAGR of 21.7% over the period 2016 to 2022. This growth in the market is accredited to increasing demand of tissues and organs for replacements for various applications like drug discovery & testing, tissue engineering, regenerative medicine and others. 3D bioprinting is a technology used for creating 3D print constructs within a confined space using various 3D bioprinting technologies. 3D bioprinting showcases a viable opportunity to generate patient-specific tissue for the development of accurate, targeted and completely personalised treatments.

The report is a compilation of different segments of global 3D bioprinting market including market breakdown by technology, applications and geography. It also includes sections on competitive insights and market dynamics. Herein the revenue generated from bioprinters using various bioprinting technologies is tracked to calculate the market size along with a detailed explanation of other software and services shaping the market.

While highlighting the key driving and restraining forces for this market, the report also provides a comprehensive section of the application areas of the 3D bioprinting market. It also details the key participants involved in the industry. The report answers the following questions about the global 3D bioprinting market:

- What are the different technologies used in 3D bioprinting industry? What is their contribution in terms of revenue to the overall 3D printing Industry revenue?
- What are the different application areas of 3D bioprinting technology? What is their contribution in terms of revenue to the overall 3D printing Industry revenue?
- Which is the most sought-after 3D printer type used in 3D bioprinting industry?
- What are the basic software and services in the global 3D bioprinting market?
- What are the different factors driving the market in the forecast period?
- What are the factors challenging the growth of global 3D bioprinting market?
- Who are the different participants in the global 3D bioprinting market?
- What kind of new strategies are being adopted by existing market players to make a mark in the industry?
- Which region will lead the global 3D bioprinting market by the end of forecast period?

The report has put special emphasis on the market share and size of extrusion based technology of 3D bioprinting industry, owing to its explicit use and benefits in the 3D bioprinting industry. The industry analysis have also been analyzed the impact of various factors to understand the overall attractiveness of the industry.

The most often used strategy for developing a better hold on to the market has been through product launches, followed by agreements, collaborations and partnerships. The systems segment of the 3D bioprinting market implies that market participants are more varied in nature. Moreover, the company profile section includes highlights of significant information about the key companies involved along with their financial positions key strategies & developmental activities of recent years. Some of the key players involved in this market are Envision TEC, RegenHU Ltd, Organovo Holdings Inc, Biobots Inc, 3D Biotek LLC, Nano3D Biosciences, Poietis among others.

North America generated the maximum amount of revenue in the year 2015 in the global 3D bioprinting market among all the regions. However, APAC has the maximum potential to grow in the forecast period, followed by Europe. If the industry has the prospects of growing with the same pace, it will cross $ 581.8 million in total market value by the end of forecast period.

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