

North America 3D Bioprinting Market Forecast 2023-2032

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Report description:

KEY FINDINGS

The North America 3D bioprinting market growth is anticipated to progress at a CAGR of 16.71% during the forecast period, 2023-2032. Due to the sedentary lifestyles, cardiovascular diseases have a high prevalence in the region. Also, North America houses the highest number of bioprinting manufacturers, including prominent bioprinting vendors like Advanced Solutions and Organovo.

MARKET INSIGHTS

The United States and Canada are assessed for the North America 3D bioprinting market growth analysis. In Canada, favorable government support and rising research & development initiatives contribute to market growth. For instance, the University of British Columbia (UBC) was the first university in Canada to install a 3D printer in a research setting, facilitated by investments from the Natural Sciences and Engineering Research Council of Canada (NSERC). In addition, in May 2021, researchers at the University of Alberta generated customized cartilage for restorative surgeries. This was done by deploying a specially designed hydrogel in combination with cells harvested from patients.

Furthermore, the University of Saskatchewan developed a 3D bioprinted heart patch that can be used to repair and regrow damaged heart tissue. Moreover, researchers at the University of British Columbia, Okanagan, developed a laser bioprinting method that can make live 3D-printed biotissues. Such developments boost the Canada 3D bioprinting market growth.

COMPETITIVE INSIGHTS

Some of the leading companies in the market are CollPlant Biotechnologies Ltd, Allevi, CELLINK, etc.

Our report offerings include:

- Explore key findings of the overall market
- Strategic breakdown of market dynamics (Drivers, Restraints, Opportunities, Challenges)
- Market forecasts for a minimum of 9 years, along with 3 years of historical data for all segments, sub-segments, and regions
- Market Segmentation caters to a thorough assessment of key segments with their market estimations
- Geographical Analysis: Assessments of the mentioned regions and country-level segments with their market share
- Key analytics: Porter's Five Forces Analysis, Vendor Landscape, Opportunity Matrix, Key Buying Criteria, etc.
- Competitive landscape is the theoretical explanation of the key companies based on factors, market share, etc.

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- Company profiling: A detailed company overview, product/services offered, SCOT analysis, and recent strategic developments

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