

Industry Insights

Ali Rea *

The global [nanomedicine](#) market size was estimated at USD 138.8 billion in 2016. Technological advancements coupled with relevant applications in early disease diagnosis, preventive intervention, and prophylaxis of chronic as well as acute disorders is expected to bolster growth in this market. Nanotechnology involves the miniaturization of larger structures and chemicals at [nanometric](#) scale which has significantly revolutionized drug administration, thus influencing adoption of the technology through to 2025.

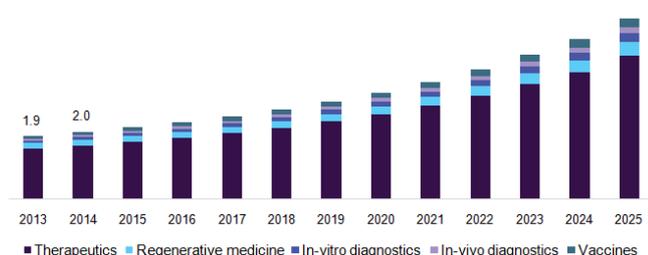


Figure 1. U.S. nanomedicine market by products, 2013 - 2025 (USD Billion)

North America dominated the nanomedicine market with revenue share of over 42% owing to presence of increasingly growing partnerships between enterprises operating herein and nanomedicine startup [organizations](#). Furthermore, support from the government entities coupled with higher R&D spending is attributive for largest share of region in the industrial space.

However, Asia Pacific is expected to witness lucrative growth through to 2025 as a result of rise in number of research grants and increase in demand for prophylaxis of life-threatening diseases. Moreover, rise in the number of venture capital investors from developing [economies](#) of this region and increasing international research collaborations are anticipated to propel growth in nanotechnology-based healthcare industry.

Major players operating in this market are Combimatrix Corp, Ablynx NV, Abraxis Bioscience Inc., Celgene Corporation, Teva Pharmaceutical Industries Ltd, Arrowhead Research, GE Healthcare, Merck & Co. Inc., Pfizer Inc., and Nanosphere, Inc. These players are involved in gaining the U.S. FDA approvals in order to enhance the market presence.

For instance, in February 2017, company received approval from European Commission for its REVLIMID (lenalidomide) as [monotherapy](#) for treatment of patients with adult patients with multiple myeloma. This approval allows company to distribute its product in European countries, thereby enhancing company's presence in [Europe](#) market.

Regional Outlook (Revenue, USD Billion; 2013 - 2025)

- North America
- U.S.
- Canada
- Europe
- Germany
- UK
- Asia Pacific
- Japan
- China

Ali Rea
E-mail: ali@fiimas.org
 USA