

Global Biosimulation Market Insights, Opportunity Analysis, Market Shares and Forecast 2016 – 2022

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Abstracts

Biosimulation is explained as a computer-aided mathematical simulation of biological processes and systems and hence is an integral part of systems biology. The main aim of Biosimulation is model-based prediction of the behavior and the dynamics of biological systems e.g. the response of an organ or a single cell towards a chemical. It is a predictive tool and used in discovery stage to determine the future outcomes of current experimental trials.

The demand for Biosimulation market is expected to increase in forecasted period due to increase in the factors such as use of personalized medicine.

Factors that are driving the market are: Increase in the use of personalized medicine also continuous research and development is going on in the field which has led to the improvement and simulation of modeling tools, also the growth in the biotechnological and pharmaceutical industries has helped Biosimulation industry to grow. Also, the industry is expecting growth due to the boom in drugs market as a result of increase in ageing population and increasing number of chronic diseases. Some of the factors which are restraining the market are shortage of skilled professionals, higher cost of the process, lack of standardized tools and applications and limited knowledge about biological process.

The market of Biosimulation market is segmented on the basis of products, end user, application, drug development. Geographically the market is divided in to North America (US, Canada), Europe (UK, Italy, Spain, France, Germany, rest of Europe), Asia-Pacific (India, Japan, Australia, China, Korea, Rest of Asia Pacific) and Rest of World (Latin America, MENA and Africa). The key providers of biosimulation technology are Certara, Biovia, Dassault Systèmes.

Companies profile include

1. Certara USA, Inc.
2. Rhenovia Pharma Ltd.
3. Physiomics PLC
4. Genedata Ag
5. Entelos Holding Corporation
6. Chemical Computing Group, Inc.
7. Advanced Chemistry Development, Inc.
8. Schrödinger Inc.
9. Dassault Systèmes SA
10. Simulation Plus Inc.
11. Biovia (Formerly Accelrys)
12. In silico biosciences
13. Inhibox
14. Leadinvent Technologies
15. Leadscope
16. Nimbus therapeutics
17. Open eye Scientific software
18. Physiomics Plc.
19. Rhenovia Pharma
20. Genedata

This Occams Research Report covers

1. Historical data
2. Revenue forecasts, growth rates and CAGR up to 2022
3. Industry Analysis
4. Competitive Analysis
5. Key geographic growth data

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- 4 Genedata Ag
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