

Personalized Therapy Biosimulation Market to Expand at CAGR of 14.6% During Forecast Period - Emergen Research

Increasing number of drug relapse and drug resistance cases and application of QSP in drug development processes are some key factors driving market

VANCOUVER, BC, CANADA, June 29, 2022 /EINPresswire.com/ -- The global [personalized therapy biosimulation market](#) size reached USD 1,061.7 Million in 2020 and is expected to register a revenue CAGR of 14.6%, during the forecast period, according to latest analysis by Emergen Research. Rising incidence of drug relapse and drug resistance cases and increasing application of quantitative system pharmacology in drug development processes are some key factors driving global personalized therapy biosimulation market revenue growth.



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Personalized Therapy Biosimulation Market Size – USD 1,061.7 Million in 2020, Market Growth – at a CAGR of 14.6%, Market Trends –Increasing focus on developing AI-based biosimulation platforms

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Emergen Research

Drug development is a lengthy, complex, multifaceted, and costly process, with high failure rates and fewer number of drugs receiving U.S. Food & Drug Administration (FDA) approval. The low success rate, increasing R&D expenditure, rising incidence of drug resistance in cancer, epilepsy, and tuberculosis among others are some factors driving rising need for incorporating biosimulation technique for the development of new generation of drugs. Majority of patients show resistance to novel targeted drugs or classical chemotherapeutic agents and do not respond to standard cancer treatment options such as chemotherapy and radiation therapy, thereby leading to higher cancer recurrence rate.

Quantitative Systems Pharmacology (QSP), which is relatively a new discipline in biomedical research, utilizes mathematical computer models for characterizing disease process, biological system and drug pharmacology, and is increasingly incorporated in early stages in drug discovery to late-stage development and life-cycle management. QSP enables evaluation of critical aspects related to the efficacy of a drug candidate and designing of Phase 2 clinical studies to significantly improve clinical outcomes. Increasing implementation of quantitative systems pharmacology will significantly increase R&D productivity of pharmaceutical and biotechnology companies which is expected to boost revenue growth of the market.

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Updated Regional Analysis with Graphical Representation of Size, Share, and Trends for the Year 2022

Includes Tables and figures have been updated

The most recent version of the report includes the Top Market Players, their Business Strategies, Sales Volume, and Revenue Analysis

Emergen research latest document, titled 'Personalized Therapy Biosimulation Market Forecast to 2028,' is one of the most sought-after market reports involving an in-depth analysis of the global Personalized Therapy Biosimulation Market . The report's authors have offered necessary details on the latest Personalized Therapy Biosimulation Market trends and the crucial parameters impacting both short-term and long-term market growth.

Looking for more information on this Personalized Therapy Biosimulation Market reports click @ <https://www.emergenresearch.com/industry-report/personalized-therapy-biosimulation-market>

Personalized Therapy Biosimulation Market : Competitive Landscape

Rising strategic collaborations between significant players of the Personalized Therapy Biosimulation Market is expanding the market scope and is one of the key business strategies adopted by the prominent players. Manufacturers and vendors in emerging countries are actively investing in the market to develop advanced technology, which is, in turn, expected to drive the growth of the market over the projected period.

Some major players in the market research report include, Cellworks Group Inc., Certara USA Inc., Simulation Plus Inc., Schrodinger Inc., In Silico Biosciences Inc., Genedata AG, Physiomics plc, Insilico Biotechnology AG, Chemical Computing Group ULC (CCG), and Evidera Inc.

Key Benefits of the Report:

Comprehensive analysis of the competitive scenario and its changing dynamics

Analytical data with detailed SWOT analysis and Porter's Five Forces analysis

In-depth 8-year analysis of the Global Personalized Therapy Biosimulation Market

Critical understanding of the key market segments

Comprehensive analysis of the drivers, restraints, trends, and opportunities

Detailed regional analysis and extensive company profiling

Extensive assessment of current and emerging trends of the market

The report, additionally, offers a comprehensive SWOT analysis and Porter's Five Forces analysis to offer a better understanding of the competitive landscape of the industry. It also covers strategies adopted by prominent players such as mergers and acquisitions, collaborations, joint ventures, product launches, and brand promotions, among others. The report aims to offer the readers a holistic understanding of the relevant features of the industry.

Emergen Research has segmented the global personalized therapy biosimulation market on the basis of product, therapeutic area, application end-use, and region:

Product Outlook (Revenue, USD Billion; 2018–2028)

Software

Services

Therapeutic Area Outlook (Revenue, USD Billion; 2018–2028)

Oncology

Others

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Application Outlook (Revenue, USD Billion; 2018–2028)

Drug Development

Drug Discovery

Others

Personalized Therapy Biosimulation Market Segmentation based on Regions:

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Spain, Benelux, Rest of Europe)

Asia Pacific (China, India, Japan, South Korea, Rest of Asia Pacific)

Latin America (Brazil, Rest of Latin America)

Middle East & Africa (Saudi Arabia, UAE, South Africa, Rest of Middle East & Africa)

Table of Contents:

Report Overview: It includes the objectives and scope of the study and gives highlights of key market segments and players covered. It also includes years considered for the research study.

Executive Summary: It covers industry trends with high focus on market use cases and top market trends, market size by regions, and global market size. It also covers market share and growth rate by regions.

Key Players: Here, the report concentrates on mergers and acquisitions, expansions, analysis of key players, establishment date of companies, and areas served, manufacturing base, and revenue of key players.

Breakdown by Product and Application: This section provides details about market size by product and application.

Regional Analysis: All of the regions and countries analyzed in the report are studied on the basis of market size by product and application, key players, and market forecast.

Profiles of International Players: Here, players are evaluated on the basis of their gross margin, price, sales, revenue, business, products, and other company details.

Market Dynamics: It includes supply chain analysis, analysis of regional marketing, challenges, opportunities, and drivers analyzed in the report.

Appendix: It includes details about research and methodology approach, research methodology, data sources, authors of the study, and a disclaimer.

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