

# **Induced Pluripotent Stem Cells Production Market Size, Trends, Analysis, and Outlook By Process (Manual iPSC Production Process, Automated iPSC Production Process), By Workflow (Reprogramming, Cell Culture, Cell Characterization / Analysis, Engineering, Others), By Product (Instruments/ Devices, Automated Platforms, Consumables & Kits, Services), By Application (Drug Development and Discovery, Regenerative Medicine, Toxicology Studies, Others), By End-User (Research & Academic Institutes, Biotechnology & Pharmaceutical Companies, Hospitals & Clinics), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/IDA96CA3B12FEN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: IDA96CA3B12FEN

## **Abstracts**

The global Induced Pluripotent Stem Cells Production market size is poised to register 9.22% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Induced Pluripotent Stem Cells Production market across By Process (Manual iPSC Production Process, Automated iPSC Production Process), By Workflow (Reprogramming, Cell Culture, Cell Characterization / Analysis, Engineering, Others), By Product (Instruments/ Devices, Automated Platforms, Consumables & Kits, Services), By Application (Drug Development and Discovery, Regenerative Medicine, Toxicology Studies, Others), By End-User (Research & Academic Institutes, Biotechnology & Pharmaceutical Companies, Hospitals & Clinics).

The induced pluripotent stem cells production market is experiencing significant growth driven by the increasing demand for regenerative medicine and cell-based therapies, rising investment in stem cell research, and advancements in cellular reprogramming and differentiation techniques. In 2024 and beyond, factors such as the growing application of iPSCs in drug discovery, disease modeling, and tissue engineering, expansion of iPSC production facilities and biobanks, and rising adoption of automation and quality control measures drive market expansion. Additionally, the development of integration-free and xeno-free reprogramming methods, adoption of genome editing tools for genetic correction, and collaborations between stem cell companies and research institutions contribute to market growth.

### Induced Pluripotent Stem Cells Production Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Induced Pluripotent Stem Cells Production market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Induced Pluripotent Stem Cells Production survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Induced Pluripotent Stem Cells Production industry.

### Key market trends defining the global Induced Pluripotent Stem Cells Production demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Induced Pluripotent Stem Cells Production Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Induced Pluripotent Stem Cells Production industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future

revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Induced Pluripotent Stem Cells Production companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Induced Pluripotent Stem Cells Production industry

Leading Induced Pluripotent Stem Cells Production companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Induced Pluripotent Stem Cells Production companies.

Induced Pluripotent Stem Cells Production Market Study- Strategic Analysis Review

The Induced Pluripotent Stem Cells Production market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Induced Pluripotent Stem Cells Production Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Induced Pluripotent Stem Cells Production industry report provides a detailed

analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Induced Pluripotent Stem Cells Production Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America Induced Pluripotent Stem Cells Production Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Induced Pluripotent Stem Cells Production market segments. Similarly, Strong end-user demand is encouraging Canadian Induced Pluripotent Stem Cells Production companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Induced Pluripotent Stem Cells Production market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe Induced Pluripotent Stem Cells Production Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Induced Pluripotent Stem Cells Production industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Induced Pluripotent Stem Cells Production market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Induced Pluripotent Stem Cells Production Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Induced Pluripotent Stem Cells Production in Asia Pacific. In particular, China, India, and South East Asian Induced Pluripotent Stem Cells Production markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Induced Pluripotent Stem Cells Production Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Induced Pluripotent Stem Cells Production Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Induced Pluripotent Stem Cells Production market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Induced Pluripotent Stem Cells Production.

Induced Pluripotent Stem Cells Production Market Company Profiles

The global Induced Pluripotent Stem Cells Production market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are

Axol Bioscience Ltd, Cynata Therapeutics Ltd, Evotec SE, Fate Therapeutics Inc, FUJIFILM Cellular Dynamics Inc, LizarBio Therapeutics, Ncardia, REPROCELL USA Inc, Sumitomo Dainippon Pharma Co. Ltd, Takara Bio Inc, Thermo Fisher Scientific Inc, ViaCyte Inc

## Recent Induced Pluripotent Stem Cells Production Market Developments

The global Induced Pluripotent Stem Cells Production market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Induced Pluripotent Stem Cells Production Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Process

Manual iPSC Production Process

Automated iPSC Production Process

By Workflow

Reprogramming

Cell Culture

Cell Characterization / Analysis

Engineering

Others

By Product

Instruments/ Devices

Automated Platforms

Consumables & Kits

-Media

-Kits

-Others

Services

By Application

Drug Development and Discovery

Regenerative Medicine

Toxicology Studies

Others

By End-User

Research & Academic Institutes

Biotechnology & Pharmaceutical Companies

Hospitals & Clinics

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Axol Bioscience Ltd

Cynata Therapeutics Ltd

Evotec SE

Fate Therapeutics Inc

FUJIFILM Cellular Dynamics Inc



LizarBio Therapeutics

Ncardia

REPROCELL USA Inc

Sumitomo Dainippon Pharma Co. Ltd

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Formats Available: Excel, PDF, and PPT

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By Workflow

Reprogramming

Cell Culture

Cell Characterization / Analysis

Engineering

Others

By Product

Instruments/ Devices

Automated Platforms

Consumables & Kits

-Media

-Kits

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By End-User

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