+44 20 8123 2220
info@marketpublishers.com

Global Induced Pluripotent Stem Cells Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Derived Cell Type (Hepatocytes, Fibroblasts, Keratinocytes, Neurons, Others), By Application (Drug Development, Regenerative Medicine, Toxicity Testing, Tissue Engineering, Cell Therapy, Disease Modeling), By End user (Research Institutions, Other) By Region and Competition

https://marketpublishers.com/r/G001F1203AE8EN.html
Date: October 2023
Pages: 182
Price: US$ 4,900.00 (Single User License)
ID: G001F1203AE8EN

Abstracts

Global Induced Pluripotent Stem Cells Market has valued at USD 1.22 billion in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 9.65% through 2028.

The global induced pluripotent stem cells (iPSCs) market has emerged as a dynamic and promising sector within the field of regenerative medicine and cell therapy. iPSCs are specialized cells that can be generated from adult cells and reprogrammed to exhibit pluripotent properties, making them a valuable resource for research and therapeutic applications. One of the primary drivers of the global iPSCs market is the increasing demand for personalized medicine and regenerative therapies. iPSCs offer a unique opportunity to develop patient-specific treatments, reducing the risk of immune rejection and enhancing treatment efficacy. Pharmaceutical companies, academic institutions, and biotechnology firms are investing heavily in iPSC research to develop novel therapies for a wide range of diseases, including cardiovascular disorders, neurodegenerative conditions, and diabetes. Furthermore, the iPSCs market has witnessed substantial growth due to advancements in genome editing technologies

such as CRISPR-Cas9, which enable precise manipulation of iPSCs for disease modeling and drug discovery. This has opened new avenues for the development of targeted therapies and the study of genetic disorders. Additionally, the rising prevalence of chronic diseases and an aging population have increased the demand for innovative healthcare solutions, further fueling the iPSCs market's growth. However, challenges such as regulatory hurdles and ethical concerns surrounding iPSC research remain significant roadblocks. Ensuring the safety and ethical use of iPSCs is crucial, and regulatory bodies worldwide are working to establish guidelines and standards for their production and application.

Key Market Drivers

Increasing Prevalence of Chronic Diseases

The increasing prevalence of chronic diseases is a significant driver propelling the growth of the global induced pluripotent stem cells (iPSCs) market. Chronic diseases, such as cardiovascular disorders, neurodegenerative conditions, diabetes, and cancer, have become a pervasive global health challenge, accounting for a substantial portion of healthcare expenditures and posing a substantial burden on patients and healthcare systems alike. Traditional treatment approaches for many of these diseases often provide only symptomatic relief or limited therapeutic options, leaving patients with long-term health issues and a reduced quality of life. iPSCs offer a glimmer of hope by presenting a novel approach to addressing chronic diseases. These reprogrammed cells can be generated from a patient's own tissue, such as skin or blood cells, and then coaxed into differentiating into the specific cell types affected by the disease. This personalized approach not only addresses the genetic and immunological compatibility issues often encountered in transplantation but also holds the potential to provide curative treatments. It allows researchers to study the disease's mechanisms, test potential therapies, and ultimately develop tailored, patient-specific treatments.

The ability to generate iPSC-derived disease models has revolutionized drug discovery and development. Pharmaceutical companies and researchers are increasingly utilizing iPSCs to create accurate cellular models of chronic diseases, enabling them to test potential drug candidates more effectively. This has led to the identification of novel therapeutic targets and the development of drugs that are more likely to succeed in clinical trials, reducing the high attrition rates traditionally associated with drug development. As the prevalence of chronic diseases continues to rise due to factors such as aging populations and lifestyle changes, the demand for innovative treatment options becomes even more pressing. iPSCs, with their potential to provide patient-

specific and disease-specific solutions, are well-positioned to meet this demand.

Rising Geriatric Population

The rising geriatric population is a significant factor driving the growth of the global induced pluripotent stem cells (iPSCs) market. Demographic trends across the world indicate a steady increase in the elderly population, a phenomenon attributed to improved healthcare, better living conditions, and advancements in medical science. With this demographic shift, there has also been a proportional increase in age-related diseases and conditions, such as Alzheimer's disease, age-related macular degeneration, and Parkinson's disease. iPSCs offer a promising avenue for addressing the unique healthcare needs of the aging population. These cells can be reprogrammed from a patient's own somatic cells and then differentiated into specific cell types, making them an ideal source for regenerative therapies. As age-related diseases often involve the degeneration or dysfunction of specific cell types, iPSCs can be used to generate healthy replacement cells tailored to the patient's genetic profile. This personalized approach holds immense potential for restoring function and improving the quality of life for elderly individuals suffering from these conditions.

Furthermore, iPSCs are invaluable tools for modeling age-related diseases in the laboratory, allowing researchers to gain insights into disease mechanisms and screen potential drug candidates. These disease models are crucial for developing effective therapies and interventions that can slow down or halt the progression of age-related conditions. The aging population's healthcare needs are placing a growing burden on healthcare systems and resources, driving the demand for innovative and cost-effective treatments. iPSC-based therapies, which have the potential to rejuvenate and repair aging tissues and organs, are becoming increasingly relevant in this context.

Expanding Research Infrastructure

The expansion of research infrastructure is a critical driver behind the growth of the global induced pluripotent stem cells (iPSCs) market. iPSCs hold immense promise for regenerative medicine, disease modeling, and drug discovery, but their realization requires advanced research facilities, equipment, and expertise. As the iPSCs field continues to evolve, research institutions, academic centers, and biotechnology companies are actively investing in building and enhancing research infrastructure to unlock the full potential of iPSCs. Advanced research infrastructure encompasses cutting-edge laboratories equipped with state-of-the-art instruments for cellular reprogramming, differentiation, and genetic editing. These facilities are essential for the

generation and manipulation of iPSCs, as well as for conducting experiments related to their applications. As research institutions upgrade their facilities, it becomes easier for scientists to work with iPSCs, accelerating the pace of discoveries and developments.

In addition to laboratory infrastructure, the iPSCs market benefits from the expansion of collaborative networks and research consortia. Many research institutions collaborate across borders, sharing knowledge and resources to advance iPSC research collectively. These collaborations foster interdisciplinary approaches, enabling researchers to address complex challenges more effectively and explore a broader range of applications, from regenerative therapies to disease modeling and drug screening. Furthermore, the growth of research infrastructure has led to the establishment of dedicated iPSC research centers and institutes. These specialized facilities serve as hubs for iPSC-related research, offering specialized training programs and fostering a collaborative environment. They attract top talent in the field and provide critical support for innovation and development in iPSC-based therapies and technologies. The impact of expanding research infrastructure extends beyond academia, influencing the biopharmaceutical industry as well. Pharmaceutical and biotechnology companies are increasingly partnering with research institutions and investing in their own iPSC research centers. This industry-academia collaboration is pivotal for translating iPSC discoveries into clinical applications, ultimately benefiting patients through the development of cutting-edge therapies.

Key Market Challenges

Safety and Efficacy Concerns

Safety and efficacy concerns stand out as a significant hindrance to the growth of the global induced pluripotent stem cells (iPSCs) market. While iPSCs hold immense promise in regenerative medicine and personalized therapies, there are several critical challenges that must be addressed to ensure their clinical application. One of the foremost concerns is the safety of iPSC-based therapies. When iPSCs are used to generate differentiated cell types for transplantation or disease modeling, there is a risk of tumorigenesis. iPSCs can potentially form teratomas, tumors composed of various cell types, when transplanted into patients. These tumorigenic risks pose a substantial obstacle to the clinical translation of iPSC-based treatments, as patient safety must always be paramount. Moreover, immune rejection is another safety concern. Despite being generated from a patient's own cells, iPSC-derived cells may not always be perfectly matched to the patient's immune system. Ensuring compatibility and preventing immune responses is a critical challenge, particularly in allogeneic iPSC-

+44 20 8123 2220
info@marketpublishers.com

based therapies where cells are derived from donors other than the patient.

In addition to safety concerns, there are efficacy challenges to address. Demonstrating the efficacy of iPSC-based therapies through rigorous preclinical and clinical trials is essential. These therapies must not only be safe but also provide meaningful therapeutic benefits. The complexities of evaluating their long-term efficacy, especially in chronic and degenerative diseases, add to the challenge. Furthermore, standardization of iPSC production and differentiation protocols is essential to ensure consistent and reliable outcomes. Variability in iPSC quality, differentiation efficiency, and the functional characteristics of iPSC-derived cells can hinder the reproducibility of results and the reliability of iPSC-based treatments.

Regulatory Hurdles

Regulatory hurdles represent a significant impediment to the growth of the global induced pluripotent stem cells (iPSCs) market. iPSCs hold immense potential for regenerative medicine and therapeutic applications, but navigating the complex and evolving regulatory landscape poses substantial challenges. One of the primary issues stems from the need to establish comprehensive and consistent regulatory guidelines for iPSCs. Regulatory agencies, such as the U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA), are tasked with ensuring the safety and efficacy of new therapies. However, iPSCs' unique characteristics, including their potential to differentiate into various cell types and the personalized nature of their applications, require tailored regulatory frameworks. The lack of clear and harmonized regulations can create ambiguity and hinder research, development, and clinical translation.

Additionally, iPSC-based therapies often involve genetic modifications, introducing another layer of regulatory complexity. Editing the genetic material of iPSCs raises concerns about safety, off-target effects, and ethical considerations. Regulatory agencies are challenged with developing guidelines that strike a balance between promoting innovation and ensuring patient safety. Furthermore, the time and resources required to navigate the regulatory approval process can be daunting for researchers and companies in the iPSCs market. Clinical trials for iPSC-based therapies often demand extensive data collection, long-term follow-up, and robust safety assessments.

Key Market Trends

Personalized Medicine and Patient-Specific Therapies

+44 20 8123 2220
info@marketpublishers.com

One of the most significant trends driving the iPSCs market is the increasing emphasis on personalized medicine. Healthcare providers and researchers are recognizing that one-size-fits-all treatments may not be the most effective approach for many diseases. iPSCs allow for the creation of patient-specific therapies by reprogramming a patient's own cells, reducing the risk of immune rejection and increasing treatment efficacy. This trend aligns with the growing demand for tailored healthcare solutions, particularly in the treatment of chronic and complex diseases. iPSCs provide a powerful tool for developing patient-specific therapies. By reprogramming a patient's own cells into iPSCs, researchers can generate a source of cells that closely match the patient's genetic profile. This personalized approach reduces the risk of immune rejection, enhances treatment efficacy, and minimizes adverse reactions. For patients with genetic disorders, iPSCs offer a beacon of hope. Researchers can correct disease-causing mutations in iPSCs, effectively 'fixing' the genetic basis of the disorder. These corrected iPSCs can then be differentiated into the required cell types, providing a potential cure for conditions that were previously considered untreatable. iPSCs allow for the creation of disease models that replicate the unique characteristics of a patient's ailment. These models enable researchers to study disease mechanisms, test potential therapies, and develop personalized treatment strategies. iPSC-derived disease models enhance our understanding of complex diseases, driving innovation in treatment approaches. Patient-specific iPSC-based therapies hold the promise of reducing adverse effects commonly associated with traditional treatments. By closely matching the patient's genetic and immunological profile, iPSC-derived cells are more likely to be tolerated by the body, minimizing side effects and improving overall treatment outcomes.

Advancements in Genome Editing Technologies

Advancements in genome editing technologies, notably CRISPR-Cas9, have revolutionized iPSC research. These tools enable precise genetic modifications in iPSCs, making it possible to correct disease-causing mutations and develop more accurate disease models. Researchers can now study the genetic basis of various conditions and develop targeted therapies with greater efficiency. This trend has accelerated drug discovery efforts and has further increased the appeal of iPSCs in the biopharmaceutical industry. CRISPR-Cas9 allows scientists to make precise modifications to the genetic material of iPSCs. This capability is invaluable for creating disease models and developing potential cures. Researchers can correct genetic mutations associated with various diseases, providing a deeper understanding of their underlying mechanisms and accelerating the discovery of novel therapies. iPSCs, when

+44 20 8123 2220
info@marketpublishers.com

combined with genome editing, enable the development of sophisticated disease models. Researchers can introduce disease-specific mutations or correct faulty genes to mimic specific diseases in a laboratory setting. These models provide a realistic platform for studying disease progression, testing potential treatments, and gaining insights into disease mechanisms. Genome editing allows for the creation of iPSCs that are custom-tailored to an individual patient's genetic profile. This is a significant step toward personalized medicine. By reprogramming a patient's own cells and precisely modifying them as needed, researchers can generate iPSC-derived cells for transplantation or disease modeling that are inherently compatible with the patient's immune system. The combination of iPSCs and genome editing has revolutionized drug discovery efforts. iPSC-derived cells carrying disease-specific mutations provide a more physiologically relevant platform for evaluating the safety and efficacy of new drug candidates. This reduces the risk of drug failures in later stages of development, saving time and resources for pharmaceutical companies.

Segmental Insights

Application Insights

Based on the application, the drug development segment emerged as the dominant player in the global market for Global Induced Pluripotent Stem Cells in 2022. This is on account of several growing key factors including Efficient Drug Discovery, Disease Modeling and increase in personalized medicine. iPSCs have emerged as a critical tool for accelerating drug discovery efforts. They enable pharmaceutical companies to create human-specific disease models, which closely mimic the physiological conditions in the human body. This accuracy enhances the efficiency of drug screening and helps identify potential candidates more quickly.

Derived Cell Type Insights

Based on the Derived Cell Type, the hepatocytes segment emerged as the dominant player in the global market for Global Induced Pluripotent Stem Cells in 2022. This is on account of Hepatocytes being a critical cell type in the iPSCs market, primarily due to their significant role in liver disease modeling, drug metabolism studies, and drug toxicity testing. They are essential for understanding how drugs are processed in the liver and for identifying potential liver-related side effects of pharmaceutical compounds. Hepatocytes are also used to study liver diseases such as hepatitis and cirrhosis, making them a valuable asset in drug development and disease research.

+44 20 8123 2220
info@marketpublishers.com

Regional Insights

North America emerged as the dominant player in the global Induced Pluripotent Stem Cells market in 2022, holding the largest market share. This is on account of several key factors such as advanced healthcare infrastructure, Strong Research and Development Ecosystem and high regulatory acceptance.

Key Market Players

Axol Bioscience Ltd.

Cynata Therapeutics Limited

Evotec SE

Fate Therapeutics, Inc.

FUJIFILM Cellular Dynamics, Inc.

Ncardia

LizarBio Therapeutics (Pluricell Biotech)

Reprocell USA, Inc.

Sumitomo Dainippon Pharma Co., Ltd.

Takara Bio, Inc.

Report Scope:

In this report, the Global Induced Pluripotent Stem Cells Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Global Induced Pluripotent Stem Cells Market, By Derived Cell Type:

Hepatocytes Fibroblasts

+44 20 8123 2220
info@marketpublishers.com

Keratinocytes

Neurons

Others

Global Induced Pluripotent Stem Cells Market, By Application:

Drug Development

Regenerative Medicine

Toxicity Testing

Tissue Engineering

Cell Therapy

Disease Modeling

Global Induced Pluripotent Stem Cells Market, By End User:

Research Institutions

Other

Global Induced Pluripotent Stem Cells Market, By Region:

North America

United States

Canada

Mexico

Europe

France

+44 20 8123 2220
info@marketpublishers.com

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

+44 20 8123 2220
info@marketpublishers.com

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Induced Pluripotent Stem Cells Market.

Available Customizations:

Global Induced Pluripotent Stem Cells market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+44 20 8123 2220
info@marketpublishers.com

Contents

1. PRODUCT OVERVIEW

1.1. Market Definition
1.2. Scope of the Market
  1.2.1. Markets Covered
  1.2.2. Years Considered for Study
  1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Sources
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

5.1. Market Size & Forecast
  5.1.1. By Value
5.2. Market Share & Forecast
  5.2.1. By Derived Cell Type (Hepatocytes, Fibroblasts, Keratinocytes, Neurons, Others)
  5.2.2. By Application (Drug Development, Regenerative Medicine, Toxicity Testing, Tissue Engineering, Cell Therapy, Disease Modeling)

+44 20 8123 2220
info@marketpublishers.com

5.2.3. By End user (Research Institutions, Other)
5.2.4. By Company (2022)
5.2.5. By Region
5.3. Market Map

6. NORTH AMERICA INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

6.1. Market Size & Forecast
6.1.1. By Value
6.2. Market Share & Forecast
6.2.1. By Derived Cell Type
6.2.2. By Application
6.2.3. By End user
6.2.4. By Country
6.3. North America: Country Analysis
6.3.1. United States Induced Pluripotent Stem Cells Market Outlook
6.3.1.1. Market Size & Forecast
6.3.1.1.1. By Value
6.3.1.2. Market Share & Forecast
6.3.1.2.1. By Derived Cell Type
6.3.1.2.2. By Application
6.3.1.2.3. By End user
6.3.2. Mexico Induced Pluripotent Stem Cells Market Outlook
6.3.2.1. Market Size & Forecast
6.3.2.1.1. By Value
6.3.2.2. Market Share & Forecast
6.3.2.2.1. By Derived Cell Type
6.3.2.2.2. By Application
6.3.2.2.3. By End user
6.3.3. Canada Induced Pluripotent Stem Cells Market Outlook
6.3.3.1. Market Size & Forecast
6.3.3.1.1. By Value
6.3.3.2. Market Share & Forecast
6.3.3.2.1. By Derived Cell Type
6.3.3.2.2. By Application
6.3.3.2.3. By End user

7. EUROPE INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

7.1. Market Size & Forecast
7.1.1. By Value
7.2. Market Share & Forecast
7.2.1. By Derived Cell Type
7.2.2. By Application
7.2.3. By End user
7.2.4. By Country
7.3. Europe: Country Analysis
7.3.1. France Induced Pluripotent Stem Cells Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Derived Cell Type
7.3.1.2.2. By Application
7.3.1.2.3. By End user
7.3.2. Germany Induced Pluripotent Stem Cells Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Derived Cell Type
7.3.2.2.2. By Application
7.3.2.2.3. By End user
7.3.3. United Kingdom Induced Pluripotent Stem Cells Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Derived Cell Type
7.3.3.2.2. By Application
7.3.3.2.3. By End user
7.3.4. Italy Induced Pluripotent Stem Cells Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Derived Cell Type
7.3.4.2.2. By Application
7.3.4.2.3. By End user
7.3.5. Spain Induced Pluripotent Stem Cells Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value

+44 20 8123 2220
info@marketpublishers.com

7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Derived Cell Type
7.3.5.2.2. By Application
7.3.5.2.3. By End user

8. ASIA-PACIFIC INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Derived Cell Type
8.2.2. By Application
8.2.3. By End user
8.2.4. By Country
8.3. Asia-Pacific: Country Analysis
8.3.1. China Induced Pluripotent Stem Cells Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Derived Cell Type
8.3.1.2.2. By Application
8.3.1.2.3. By End user
8.3.2. India Induced Pluripotent Stem Cells Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Derived Cell Type
8.3.2.2.2. By Application
8.3.2.2.3. By End user
8.3.3. South Korea Induced Pluripotent Stem Cells Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Derived Cell Type
8.3.3.2.2. By Application
8.3.3.2.3. By End user
8.3.4. Japan Induced Pluripotent Stem Cells Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value

+44 20 8123 2220
info@marketpublishers.com

8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Derived Cell Type
8.3.4.2.2. By Application
8.3.4.2.3. By End user
8.3.5. Australia Induced Pluripotent Stem Cells Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Derived Cell Type
8.3.5.2.2. By Application
8.3.5.2.3. By End user

9. SOUTH AMERICA INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast
9.2.1. By Derived Cell Type
9.2.2. By Application
9.2.3. By End user
9.2.4. By Country
9.3. South America: Country Analysis
9.3.1. Brazil Induced Pluripotent Stem Cells Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Derived Cell Type
9.3.1.2.2. By Application
9.3.1.2.3. By End user
9.3.2. Argentina Induced Pluripotent Stem Cells Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Derived Cell Type
9.3.2.2.2. By Application
9.3.2.2.3. By End user
9.3.3. Colombia Induced Pluripotent Stem Cells Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value

+44 20 8123 2220
info@marketpublishers.com

9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Derived Cell Type
9.3.3.2.2. By Application
9.3.3.2.3. By End user

10. MIDDLE EAST AND AFRICA INDUCED PLURIPOTENT STEM CELLS MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value
10.2. Market Share & Forecast
10.2.1. By Derived Cell Type
10.2.2. By Application
10.2.3. By End user
10.2.4. By Country
10.3. MEA: Country Analysis
10.3.1. South Africa Induced Pluripotent Stem Cells Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Derived Cell Type
10.3.1.2.2. By Application
10.3.1.2.3. By End user
10.3.2. Saudi Arabia Induced Pluripotent Stem Cells Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Derived Cell Type
10.3.2.2.2. By Application
10.3.2.2.3. By End user
10.3.3. UAE Induced Pluripotent Stem Cells Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Derived Cell Type
10.3.3.2.2. By Application
10.3.3.2.3. By End user

11. MARKET DYNAMICS

+44 20 8123 2220
info@marketpublishers.com

11.1. Drivers
11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Recent Developments
12.2. Product Launches
12.3. Mergers & Acquisitions

13. PESTLE ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

14.1. Competition in the Industry
14.2. Potential of New Entrants
14.3. Power of Suppliers
14.4. Power of Customers
14.5. Threat of Substitute Product

15. COMPETITIVE LANDSCAPE

15.1. Business Overview
15.2. Company Snapshot
15.3. Products & Services
15.4. Financials (In case of listed companies)
15.5. Recent Developments
15.6. SWOT Analysis
  15.6.1. Axol Bioscience Ltd.
  15.6.2. Cynata Therapeutics Limited
  15.6.3. Evotec SE
  15.6.4. Fate Therapeutics, Inc.
  15.6.5. FUJIFILM Cellular Dynamics, Inc.
  15.6.6. Ncardia
  15.6.7. LizarBio Therapeutics (Pluricell Biotech)
  15.6.8. Reprocell USA, Inc.
  15.6.9. Sumitomo Dainippon Pharma Co., Ltd.
  15.6.10. Takara Bio, Inc.
Strategic Recommendations

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Induced Pluripotent Stem Cells Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Derived Cell Type (Hepatocytes, Fibroblasts, Keratinocytes, Neurons, Others), By Application (Drug Development, Regenerative Medicine, Toxicity Testing, Tissue Engineering, Cell Therapy, Disease Modeling), By End user (Research Institutions, Other) By Region and Competition

Product link: https://marketpublishers.com/r/G001F1203AE8EN.html

Price: US$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G001F1203AE8EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970