

Advanced Cell Technology Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Advanced Cell Technology Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Advanced Cell Technology Inc. and its competitors. This provides our Clients with a clear understanding of Advanced Cell Technology Inc. position in the [Pharmaceuticals and Biotechnology](#) Industry.

The report contains detailed information about Advanced Cell Technology Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Advanced Cell Technology Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Advanced Cell Technology Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios

pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Advanced Cell Technology Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Advanced Cell Technology Inc. business.

About Advanced Cell Technology Inc.

Advanced Cell Technology, Inc., a biotechnology company, engages in the development and commercialization of human embryonic and adult stem cell technology in the field of regenerative medicine.

Operations

The company's business is focused on both the development and commercialization of adult stem cell transplantation therapies and embryonic stem (ES) cell based technologies. Its adult stem cell-based products are specifically targeted at therapies for heart and other cardiovascular disease and are at advanced stage of development than its human ES cell based technologies.

Human ES Cell Programs

The company's research and technologies are focused on solving this obstacle by creating stem cell therapeutics with compatible tissues. Compatible tissues are referred to as being histocompatible. The company has developed a method to derive human embryonic stem cell lines at the blastomere stage that does not result in the destruction

of the preimplantation embryo. Its ES cell technologies are at the level of basic research or in the pre-clinical stage of development.

ES Cell Research Programs

The company's ES cell research programs are divided into three core categories: cellular reprogramming, its reduced complexity program, and stem cell differentiation.

Cellular Reprogramming: This research program involves development of therapies based on the use of genetically identical pluripotent stem cells generated by its cellular reprogramming technologies. These technologies can be used to generate patient-specific pluripotent cells and tissues for transplantation. Its fusion technologies involve the fusion of the cytoplasm of one cell into another.

Stem Cell Differentiation: The company intends to pursue differentiation approaches both in-house and through collaborations with other researchers who have particular interests in, and skills related to, cellular differentiation. These efforts include using both animal and human stem cell lines. The company's research in this area includes projects focusing on developing many different cell types that may be used in the future to treat a range of diseases. The company's researchers have generated retinal pigment epithelium (RPE) cell lines for use in its clinical retinal program and are working on projects to generate cell lines with particular focus on blood lineage and vascular epithelial cell lines from hemangioblast cells. The hemangioblast program is in preclinical development.

Adult Stem Cell Program: The company's adult stem cell-based program is developing an autologous myoblast transplantation therapy delivered using a catheter injection system to restore cardiac function in patients with advanced heart disease. The key target for the therapy would be heart failure patients with New York Heart Association (NYHA) scores Class II to IV. The company's transplantation therapy involves extraction through biopsy from a patient's thigh of myoblasts, which are non-embryonic, skeletal muscle stem cells that can be expanded in culture and injected back into damaged and scarred regions of the heart. It has received approval to proceed with its Phase II clinical trial, to evaluate the applications for myoblast transplantation in slowing and/or reversing the impact of heart failure.

Competition

The company's competitors include Geron Corporation; Genzyme Corporation;

StemCells, Inc.; Aastrom Biosciences, Inc.; Viacell, Inc.; MG Biotherapeutics; Celgene; BioHeart, Inc.; Baxter Healthcare; Osiris Therapeutics; and Cytori.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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