

# Human Embryonic Stem Cells (hESC) - A Global Market Overview

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## Abstracts

Embryonic stem cell (hESC) research has attracted a lot of attention the world over and the controversy surrounding it just does not seem to die down. Stem cells are unspecialized cells that are capable of differentiating into any other cell type. In addition to being crucial for humans, stem cells also form an important tool in research for finding cures for a host of diseases. Adult, umbilical cord blood and embryos constitute the three sources of stem cells, of which embryonic stem cells have been the subject of major research activities.

Embryonic Stem Cell Technologies analyzed in this study include Stem Cell Transplants, Cell Based Genomics, Xenotransplants and Other. The report also analyzes the market for hESC therapeutic areas including Central Nervous System (CNS), Tissue Engineering, Oncology, Cardiology and Other Disease Areas. The worldwide market for hESCs is estimated at US\$3.8 billion in 2010. Growing at a robust CAGR of 24.8% during the period 2007-2015, the market is projected to reach US\$10.7 billion by 2015, .

The report reviews, analyses and projects the hESCs market for global and the regional markets including North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 12 independent countries across North America – United States, Canada and Mexico; Europe – United Kingdom, Germany, France, Spain, Sweden and Rest of Europe; Asia-Pacific –India, China, Japan, Australia and Rest of Asia-Pacific.

This 216 page global market report includes 106 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. The statistical tables represent

the data for the global market value in USD by geographic regions and the product segments. The study also profiles 41 key global players and 55 major players across North America – 28; Europe – 15; Asia-Pacific – 10 and Rest of World - 2. The report also provides the listing of the companies engaged in research, technology development, manufacturing and the supply of hESCs. The global list of companies covers addresses, contact numbers and the website addresses of 184 companies.

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Angel Biotechnology

Australian Stem Cell Centre

Axiogenesis AG

BD Biosciences

BioTime

Boehringer-Ingelheim GmbH

Cellartis AB

CellResearch Corporation Pte Ltd

Cellular Dynamics International

ESTOOLS

Gamida Cell Ltd.

GE Healthcare

Geron Corporation

GlobalStem Inc

International Stem Cell Corporation

Millipore Corporation

National Human Neural Stem Cell Resource

Novartis AG

Novo Nordisk A/B

PerkinElmer Inc.

Pfizer

R&D Systems, Inc.  
Regenics A/S  
Reliance Life Sciences  
RNL BIO  
SA Biosciences Corporation  
Sanofi-Aventis  
Scottish Stem Cell Network  
SinoCells BioTechnologies Co., Ltd.  
Stem Cell Network  
Stem Cell Sciences KK  
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Americans for Cures Foundation

Angioblast Systems, Inc

BD Biosciences

BioTime

California Stem Cell

Cellular Dynamics International

Geron Corporation

GlobalStem Inc

International Society for Stem Cell Research

International Stem Cell Corporation

Millipore Corporation

National Human Neural Stem Cell Resource

PerkinElmer Inc.

Pfizer

R&D Systems, Inc.

SA Biosciences Corporation

Stem Cell Network (Canada)

Stem Cell Technologies (Canada)

Stem Cell Therapy International Corporation

StemCells Inc.

Stemina Biomarker Discovery, Inc.

The New York Stem Cell Foundation

Thermo Fisher Scientific Inc

ViaCell, Inc.

ViaCyte

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Other Stem Cell Technologies

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Cellartis AB (Sweden)  
ESTOOLS (United Kingdom)  
GE Healthcare (United Kingdom)  
Novartis AG (Switzerland)  
Novo Nordisk A/B (Denmark)  
Regenics A/S (Norway)  
Sanofi-Aventis (France)  
Scottish Stem Cell Network (United Kingdom)  
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National Center for Biological Sciences (India)  
New South Wales Stem Cell Network (Australia)  
Reliance Life Sciences (India)  
RNL BIO (South Korea)  
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