Gene therapies market is projected to reach USD 14.6 billion in 2030, growing at a CAGR of 30%, claims Roots Analysis

Driven by the potential treat the root cause of diseases, the gene therapies pipeline is growing, and the market anticipated to witness substantial growth

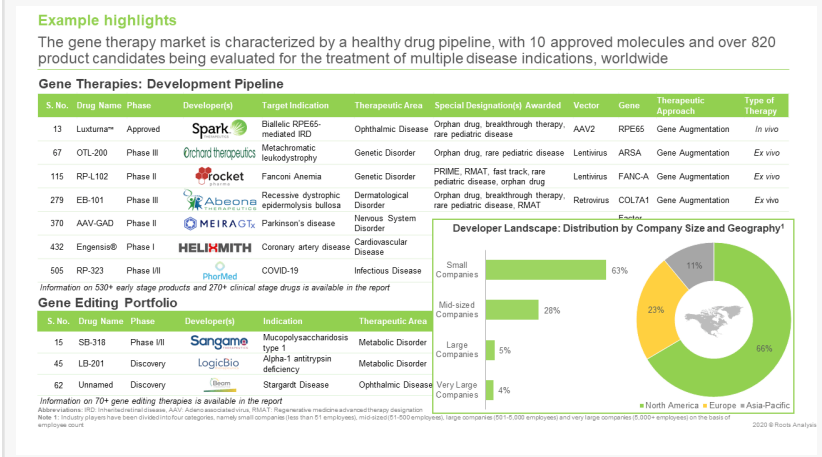
LONDON, UNITED KINGDOM, February 3, 2021 /EINPresswire.com/ -- Roots Analysis has announced the addition of "Gene Therapy Market (4th Edition), 2020-2030" report to its list of offerings.

Success of approved gene therapies has resulted in a surge in interest of biopharmaceutical developers in this rapidly evolving domain. Presently, the ability of gene therapies to treat diverse disease indications is considered among the most prominent drivers of this market. In addition, promising clinical results of pipeline candidates are anticipated to draw in more investments to support product development initiatives.

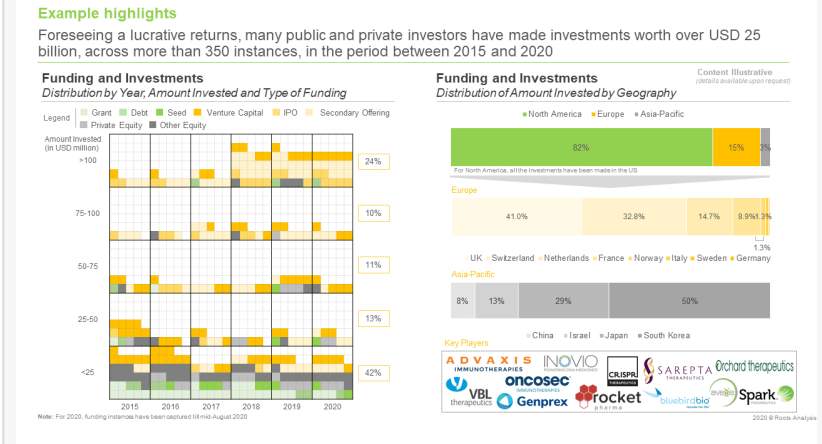
To order this 720+ page report, which features 220+ figures and 375+ tables, please visit https://www.rootsanalysis.com/reports/view_document/gene-therapies-market/268.html

Key Market Insights

Roots Analysis

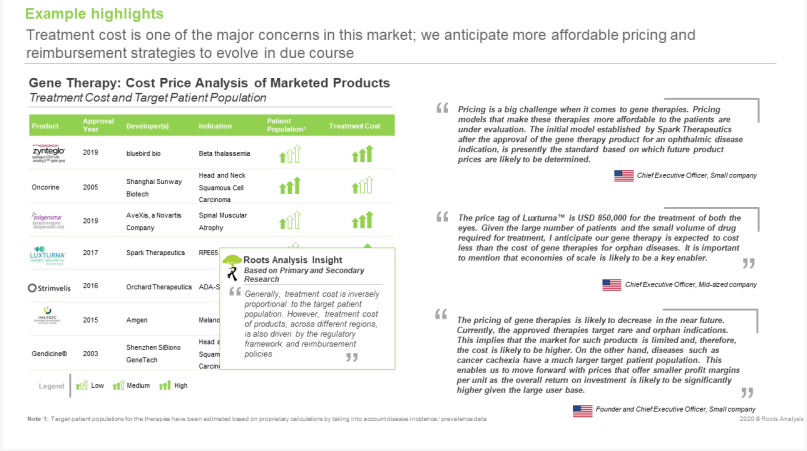


Gene Therapies Pipeline

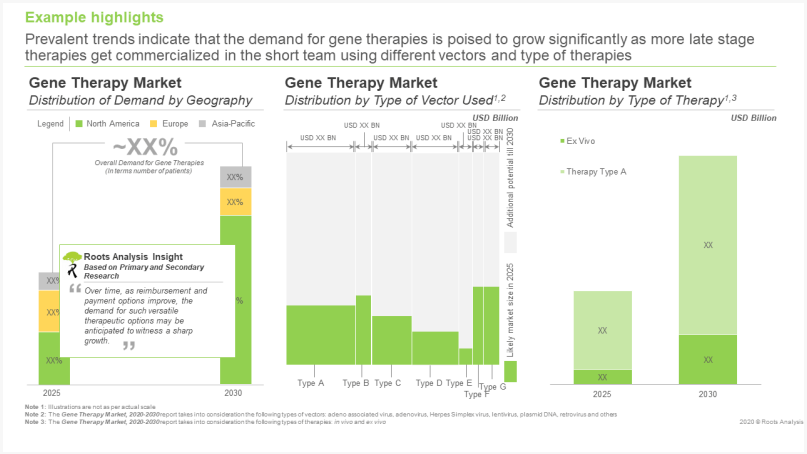


Gene Therapies - Funding

Around 800 gene therapies are currently being developed across different stages
Apart from 10 approved products, most of the aforementioned therapies (65%) are in the early stages of development (discovery / preclinical), while the rest are being evaluated in clinical trials. It is worth mentioning that more than 40% of clinical stage candidates are intended for the treatment of oncological disorders.



Gene Therapies - Cost Price Analysis



Gene Therapies Market

Over 65% of innovator companies focused on gene therapy development, are based in North America
Interestingly, more than 75 players based in the same region, are start-ups, while over 35 are mid-sized players, and 10 are large and very large firms. Since the majority of gene therapy developers are headquartered in the US, it is considered a key R&D hub for such advanced therapy medicinal products.

There are 400+ registered gene therapy focused clinical trials, worldwide
Clinical research activity, in terms of number of trials registered, is reported to have increased at a CAGR of 12% during the period 2015-2020. Of the total number of trials, close to 25% have already been completed, and 35% claim to be actively recruiting.

USD 25.4 billion has been invested by both private and public investors, since 2015
So far, a significant proportion of the capital raised has been through secondary offerings (USD 12.9 billion). On the other hand, around USD 5 billion was invested by venture capital investors, representing 20% of the total amount.

Close to 20,000 patents have been filed / published related to gene therapies, since 2016
Around 30% of the total number of applications were related to gene editing-based therapies, while the remaining were associated with gene therapies. Further, majority of the patent assignees were industry players, however, the contribution of non-industry players in the overall patent filing activity has increased considerably (CAGR of 16%), over the past few years.

There have been several mergers and acquisitions in this market during the period 2015-2019
In fact, M&A activity is reported to have increased at a CAGR of more than 40%. Key drivers of the acquisitions mentioned in the report include, therapeutic area expansion, access to a novel technology / platform, drug class consolidation and drug class expansion.

North America and Europe are anticipated to capture over 90% of the market share, in terms of sales revenues, in 2030
In vivo gene therapies currently represent a significant share of the market, and this trend is unlikely to change in the foreseen future, as several such candidates are being evaluated in late stages. In addition, more than 130,000+ patients are projected to use gene therapies in 2030 and the demand for gene therapies is expected to grow at an annualized rate of 29% and 31% during the periods 2020-2025 and 2025-2030, respectively.

To request a sample copy / brochure of this report, please visit
https://www.rootsanalysis.com/reports/view_document/gene-therapies-market/268.html

Key Questions Answered

Who are the leading players engaged in the development of gene therapies?
How many gene therapies are presently being evaluated across different stages of development?
What are various diseases targeted by gene therapies?
What are the key technology platforms that are either available, or being developed for gene therapy discovery and production?
What kind of vectors are commonly used for the delivery of gene therapies?
What are the key regulatory guidelines governing the approval of gene therapies, across various geographies?
What kind of pricing models and reimbursement strategies are currently used by gene therapy developers?
What kind of contract services are offered related to gene therapies? Who are the key players in this market?
What are the drivers of the M&A activity in this market?
What kind of investors have stake in the gene therapy market?
What kind of commercialization strategies are used by gene therapy developers?
How is the current and future market opportunity likely to be distributed across key market segments?
The USD 14.6 billion (by 2030) financial opportunity within the gene therapy market has been analyzed across the following segments:

Therapeutic approach
Gene augmentation
Oncolytic therapy
Immunotherapy

Others

Type of gene therapy
Ex vivo
In vivo

Type of vector used
Adeno associated virus
Adenovirus
Herpes simplex virus
Lentivirus
Plasmid DNA
Retrovirus
Others

Key therapeutic areas
Autoimmune disorders
Cardiovascular diseases
Dermatological disorders
Genetic disorders
Hematological disorders
Metabolic disorders
Muscle-related diseases
Oncological disorders
Ophthalmic diseases
Others

Route of administration
Intraarticular
Intracerebellar
Intradermal
Intramuscular
Intratumoral
Intravenous
Intravesical
Intravitreal
Subretinal
Others

Key geographical regions
North America
Europe
Asia-Pacific

The report features inputs from eminent industry stakeholders, according to whom, gene therapies exhibit the potential to become a promising alternative for the treatment of genetic disorders. The report includes detailed transcripts of discussions held with the following experts:

Adam Rogers (CEO, Hemera Biosciences)
Al Hawkins (CEO, Milo Biotechnology)
Buel Dan Rodgers (Founder & CEO, AAVogen)
Christopher Reinhard (CEO & Chairman, Gene Therapeutics (previously known as Cardium Therapeutics))
Michael Triplett (ex-CEO, Myonexus Therapeutics)
Robert Jan Lamers (ex-CEO, Arthrogen)
Ryo Kubota (CEO, Chairman & President, Acucela)
Tom Wilton (ex-CBO, LogicBio Therapeutics)
Jeffrey Hung (CCO, Vigene Biosciences)
Cedric Szpirer (Executive & Scientific Director, Delphi Genetics)
Marco Schmeer (Project Manager) and Tatjana Buchholz (ex-Marketing Manager, PlasmidFactory)
Molly Cameron (Corporate Communications Manager, Orchard Therapeutics)

The research includes brief profiles of key players (listed below) engaged in the development of gene therapies; each profile features an overview of the therapy, current development status, clinical trials and its results (if available), target indication, route of administration, and recent developments (if available).

Abeona Therapeutics
Advantagene
Biogen
bluebird bio
Castle Creek Biosciences
CG Oncology
FerGene
Freeline Therapeutics
Gradalis
Helixmith
Inovio Pharmaceuticals
Kolon TissueGene
Krystal Biotech
Lysogene
Neurophth Therapeutics
OncoSec Immunotherapies
Orchard Therapeutics

Pfizer
Sangamo Therapeutics
Spark Therapeutics
uniQure Biopharma
VBL Therapeutics

For additional details, please visit https://www.rootsanalysis.com/reports/view_document/gene-therapies-market/268.html or email sales@rootsanalysis.com

Gaurav Chaudhary
Roots Analysis
+1 415-800-3415
Gaurav.Chaudhary@rootsanalysis.com
Visit us on social media:
Facebook
Twitter
LinkedIn
