+44 20 8123 2220
info@marketpublishers.com

Adeno-Associated Viral Vectors / AAV Vector Market: Focus on AAV Based Gene Therapy and AAV Manufacturing by Type of Therapy (Gene Augmentation, Immunotherapy and Others), Type of Gene Delivery Method Used (Ex vivo and In vivo), Target Therapeutic Area (Genetic Disorders, Hematological Disorders, Infectious Diseases, Metabolic Disorders, Muscle Disorders, Ophthalmic Disorders, Neurological Disorders and Others), Application Area (Gene Therapy, Cell Therapy and Vaccine), Scale of Operation (Preclinical, Clinical and Commercial) and Geographical Regions (North America, Europe, Asia Pacific, MENA, Latin America and Rest of the World): Industry Trends and Global Forecasts, 2022-2035

https://marketpublishers.com/r/A6C88527ACBDEN.html
Date: July 2023
Pages: 250
Price: US$ 4,799.00 (Single User License)
ID: A6C88527ACBDEN

Abstracts

The global AAV vector market is expected to reach USD 1.9 billion in 2022 and is anticipated to grow at a CAGR of 14% during the forecast period 2022-2035

The surge in interest and demand for gene therapies, leveraging their potential to target disease causes at a cellular level, has been significant in recent years. Currently, more than 285 gene therapies are under evaluation across different clinical development stages. This growing demand has led to substantial capital influx, with gene therapy

+44 20 8123 2220
info@marketpublishers.com

developers raising over USD 10 billion in 2021 alone. In this burgeoning landscape, there is an increased need for innovative delivery methods. Among the available gene delivery vectors, adeno-associated viral vectors (AAV) have proven to be highly efficient. Six AAV-based gene therapies have received approval to date, with five recognized by the US FDA, the most recent in June 2023. Concurrently, numerous AAV-based therapies are undergoing assessment in various clinical trials. The trend shows a staggering 30% growth rate in clinical trials evaluating AAV-based gene therapy in recent years, with over 50 trials expected to conclude within the next three years.

To meet this rising demand, nearly 100 companies worldwide have emerged, focusing on AAV-based gene therapy development and manufacturing. Many of these entities offer sophisticated AAV technology platforms capable of producing adeno-associated viral vectors and related therapies across various operational scales, from small to large. The market trajectory for AAV-based gene therapy developers is expected to experience strong growth in the forecast period. This trajectory will be driven by collaborative support from AAV manufacturing companies and providers of advanced AAV technology platforms. The widespread recognition and adoption of AAV vectors as a safe and effective gene therapy delivery option are key factors fueling this promising market outlook.

Report Coverage

The report conducts an analysis of the AAV vectors market, examining factors such as therapy type, gene delivery methods, therapeutic targets, applications, operational scale, and geographical regions.

It evaluates market growth influencers like drivers, restraints, opportunities, and challenges.

Assessment of potential advantages, barriers, and competitive landscape for leading market players is provided.

Revenue forecasts for market segments are presented across six major regions.

A concise overview outlines the current state of the adeno-associated viral vectors market and its expected evolution in the medium to long term.

Comprehensive discussion covers structural design, life cycle dynamics, and applications of adeno-associated viral vectors, concluding with an analysis of

+44 20 8123 2220
info@marketpublishers.com

their inherent advantages and challenges.

Detailed examination of the AAV-based gene therapy market includes developmental phases, therapeutic areas, targeted genes, therapy types, delivery methods, administration routes, and special drug designations.

Examination of companies involved in AAV manufacturing encompasses establishment details, company size, headquarters, manufactured products, facility locations, manufacturing types, operational scale, and application areas.

Review of technologies offered by companies engaged in the AAV market categorized by types, operational scale, application areas, and identification of prominent market players.

Detailed profiles of marketed and advanced-stage AAV-based gene therapies cover development timelines, current status, mechanisms of action, associated AAV technologies, patent portfolios, dosage specifics, manufacturing details, and developer company information.

Tabulated profiles feature select AAV manufacturing companies, including overviews, financial performance (if available), vector manufacturing capabilities, and future outlook.

Analysis of company competitiveness in AAV manufacturing across regions utilizing a four-dimensional bubble representation considering supplier strength, manufacturing capabilities, service scope, and company size.

In-depth assessment of AAV vector technology platforms considering supplier strength, technology purpose, operational scale, and application areas.

Examination of completed, ongoing, and planned clinical trials, assessing parameters such as trial registration year, phase, therapeutic area, geography, sponsors, treatment sites, and enrolled patient populations.

Evaluation of collaborations and partnerships since 2017 focused on AAV manufacturing, examining partnership types, therapeutic areas, partner types, and regional distributions.

Insights into potential partnerships with AAV and gene therapy product

+44 20 8123 2220
info@marketpublishers.com

manufacturers, considering developer strength, product portfolio, therapeutic focus, and pipeline strength.

Comprehensive analysis of patents filed/granted for AAV-based therapies since 2017, including patent types, publication years, regional applicability, industry leaders in patent filings, and patent valuation.

Analysis of start-ups developing AAV-based gene therapy, evaluating their developmental stages, patents, partnerships, and key indicators.

Detailed analysis highlighting factors for AAV-based gene therapy developers to consider when deciding between in-house manufacturing or engaging Contract Manufacturing Organizations (CMOs), considering parameters for small, mid-sized, and large companies.

Key Market Companies

Abeona Therapeutics

Aldevron (Acquired by Danaher)

Oxford BioMedica

Sanofi (CEPiA, Sanofi Pasteur, Genzyme)

WuXi AppTec

YPOSKESI

+44 20 8123 2220
info@marketpublishers.com

Contents

1. PREFACE

1.1. Scope of the Report
1.2. Market Segmentation
1.3. Research Methodology
1.4. Key Questions Answered
1.5. Chapter Outlines

2. EXECUTIVE SUMMARY

3. INTRODUCTION

3.1. Chapter Overview
3.2. Viral and Non-Viral Vectors
  3.2.1. Viral Vectors
    3.2.1.1. Adenovirus Vectors
    3.2.1.2. Adeno-Associated Viral Vectors
    3.2.1.3. Lentivirus Vectors
    3.2.1.4. Retrovirus Vectors
    3.2.1.5. Other Viral Vectors
      3.2.1.5.1. Alphavirus
      3.2.1.5.2. Foamy Virus
      3.2.1.5.3. Simian Virus
      3.2.1.5.4. Vaccinia Virus
      3.2.1.5.5. Chimeric Viral Vectors
      3.2.1.5.6. Herpes Simplex Virus
      3.2.1.5.7. Sendai Virus
  3.2.2. Non-Viral Vectors
    3.2.2.1. Plasmid DNA
    3.2.2.2. Oligonucleotides
    3.2.2.3. Liposomes, Lipoplexes, and Polyplexes
    3.2.2.4. Other Non-Viral Vectors
3.3. Adeno-Associated Viral Vectors
  3.3.1. Structure and Design
  3.3.2. Adeno-Associated Viral Vector Life Cycle
  3.3.3. Applications of Adeno-Associated Viral Vectors
    3.3.3.1. Gene Therapy

+44 20 8123 2220
info@marketpublishers.com

3.3.3.2. Vaccination
3.3.4. Advantages of Adeno-Associated Viral Vectors
3.3.5. Challenges Related to Adeno-Associated Viral Vectors
3.4. Concluding Remarks

4. AAV BASED GENE THERAPY: MARKET LANDSCAPE

4.1. Chapter Overview
4.2. AAV Based Gene Therapy: Overall Market Landscape
4.2.1. Analysis by Phase of Development
4.2.2. Analysis by Therapeutic Area(s)
4.2.3. Analysis by Type of Gene / Molecule Targeted
4.2.4. Analysis by Type of Therapy
4.2.5. Analysis by Type of Gene Delivery Method Used
4.2.6. Analysis by Route of Administration
4.3. AAV Based Gene Therapy Candidates: Special Designations
4.3.1. Analysis by Special Designation(s) Awarded
4.4. AAV Based Gene Therapy: List of Developers
4.4.1. Analysis by Year of Establishment
4.4.2. Analysis by Company Size
4.4.3. Analysis by Location of Headquarters
4.4.4. AAV Based Gene Therapy: Leading Developers

5. AAV MANUFACTURING COMPANIES: MARKET LANDSCAPE

5.1. Chapter Overview
5.2. AAV Manufacturing Companies: Overall Market Landscape
5.2.1. Analysis by Year of Establishment
5.2.2. Analysis by Company Size
5.2.3. Analysis by Location of Headquarters
5.2.4. Analysis by Type of Product(s) Manufactured
5.2.5. Analysis by Location of Vector Manufacturing Facilities
5.2.6. Analysis by Type of Manufacturer and Company Size
5.2.7. Analysis by Scale of Operation
5.2.8. Analysis by Location of Headquarters and Scale of Operation
5.2.9. Analysis by Application Area(s)

6. AAV TECHNOLOGY: MARKET LANDSCAPE

+44 20 8123 2220
info@marketpublishers.com

6.1. Chapter Overview
6.2. AAV Technology
6.2.1. Analysis by Type of Technology
6.2.2. Analysis by Scale of Operation
6.2.3. Analysis by Application Area(s)
6.2.4. Analysis by Therapeutic Area
6.3. AAV Technology: List of Developers
6.3.1. Analysis by Year of Establishment
6.3.2. Analysis by Company Size
6.3.3. Analysis by Location of Headquarters
6.3.4. Analysis by Company Size and Location of Headquarters
6.3.5. AAV Technology: Leading Developers

7. DRUG PROFILES

7.1. Chapter Overview
7.2. Marketed AAV Based Gene Therapies
7.2.1. LUXTURNA® (Spark Therapeutics)
7.2.1.1. Company Overview
7.2.1.2. Development Timeline
7.2.1.3. Mechanism of Action
7.2.1.4. Target Indication(s)
7.2.1.5. Current Status of Development
7.2.1.6. Manufacturing, Dosage and Sales
7.2.2. ZOLGENSMA® (Novartis)
7.2.2.1. Company Overview
7.2.2.2. Development Timeline
7.2.2.3. Mechanism of Action
7.2.2.4. Target Indication(s)
7.2.2.5. Current Status of Development
7.2.2.6. Manufacturing, Dosage and Sales
7.3.1. HEMGENIX® (CSL Behring / UniQure)
7.3.1.1. Company Overview
7.3.1.2. Development Timeline
7.3.1.3. Mechanism of Action
7.3.1.4. Target Indication(s)
7.3.1.5. Current Status of Development
7.3.1.6. Manufacturing, Dosage and Sales
7.4.1. ROCTAVIAN® (BioMarin Pharmaceuticals)

+44 20 8123 2220
info@marketpublishers.com

7.4.1.1. Company Overview
7.4.1.2. Development Timeline
7.4.1.3. Mechanism of Action
7.4.1.4. Target Indication(s)
7.4.1.5. Current Status of Development
7.4.1.6. Manufacturing, Dosage and Sales
7.5.1. ELEVIDYS® (Sarepta Therapeutics)
7.5.1.1. Company Overview
7.5.1.2. Development Timeline
7.5.1.3. Mechanism of Action
7.5.1.4. Target Indication(s)
7.5.1.5. Current Status of Development
7.5.1.6. Manufacturing, Dosage and Sales
7.6.1. UPSTAZA® (PTC Therapeutics)
7.6.1.1. Company Overview
7.6.1.2. Development Timeline
7.6.1.3. Mechanism of Action
7.6.1.4. Target Indication(s)
7.6.1.5. Current Status of Development
7.6.1.6. Manufacturing, Dosage and Sales
7.6. Late Stage (Phase II/III and Above) Gene Therapies
7.6.1. AGTC 501: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.2. LYS-SAF302: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.3. NFS-01: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.4. RGX-314: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.5. OAV-101: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.6. PF-06838435: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.7. PF-06939926: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.8. PF-07055480: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results
7.6.9. SPK-8011: Information on Dosage, Mechanism of Action, Clinical Trials and Clinical Trial Results

+44 20 8123 2220
info@marketpublishers.com

8. COMPANY PROFILES

8.1. Chapter Overview
8.2. Abeona Therapeutics
  8.2.1. Company Overview
  8.2.2. Financial Information
  8.2.3. AAV Manufacturing Related Capabilities
  8.2.4. Recent Developments and Future Outlook
8.3 Aldevron (Acquired by Danaher)
  8.3.1. Company Overview
  8.3.2. Financial Information
  8.3.3. AAV Manufacturing Related Capabilities
  8.3.4. Recent Developments and Future Outlook
8.4 Oxford BioMedica
  8.4.1. Company Overview
  8.4.2. Financial Information
  8.4.3. AAV Manufacturing Related Capabilities
  8.4.4. Recent Developments and Future Outlook
8.5 Sanofi (CEPiA, Sanofi Pasteur, Genzyme)
  8.5.1. Company Overview
  8.5.2. Financial Information
  8.5.3. AAV Manufacturing Related Capabilities
  8.5.4. Recent Developments and Future Outlook
8.6. WuXi AppTec
  8.6.1. Company Overview
  8.6.2. Financial Information
  8.6.3. AAV Manufacturing Related Capabilities
  8.6.4. Recent Developments and Future Outlook
8.7. YPOSKESI
  8.7.1. Company Overview
  8.7.2. AAV Manufacturing Related Capabilities
  8.7.3. Recent Developments and Future Outlook

9. COMPANY COMPETITIVENESS ANALYSIS

9.1. Chapter Overview
9.2. Methodology and Key Parameters
9.3. AAV Manufacturing Companies: In-house Manufacturers

+44 20 8123 2220
info@marketpublishers.com

9.3.1. Players based in North America
9.3.2. Players based in Europe
9.4. AAV Manufacturing Companies: Contract Manufacturing Organizations
9.4.1. Players based in North America
9.4.2. Players based in Europe
9.4.3. Players based in Asia-Pacific
9.5. AAV Manufacturing Companies: Both In-House and Contract Manufacturing Organizations
9.5.1. Players based in North America
9.5.2. Players based in Europe
9.5.3. Players based in Asia-Pacific

10. TECHNOLOGY COMPETITIVENESS ANALYSIS

10.1. Chapter Overview
10.2. Methodology and Key Parameters
10.3. AAV Technology Platforms
10.3.1. AAV Technology Platforms Developed by Companies based in North America
10.3.2. AAV Technology Platforms Developed by Companies based in Europe and Asia-Pacific

11. CLINICAL TRIAL ANALYSIS

11.1. Chapter Overview
11.2. Scope and Methodology
11.3. AAV Based Gene Therapy: Clinical Trial Analysis
11.3.1. Analysis by Trial Registration Year
11.3.2. Analysis by Trial Registration Year and Enrolled Patient Population
11.3.3. Analysis by Trial Phase and Enrolled Patient Population
11.3.4. Analysis by Trial Status
11.3.5. Analysis by Study Design
11.3.6. Analysis by Therapeutic Area
11.3.7. Analysis by Target Disease Indication
11.3.8. Analysis by Type of Sponsor / Collaborator
11.3.9. Leading Industry Players: Analysis by Number of Registered Trials
11.3.10. Regional Analysis
11.3.10.1. Analysis by Number of Registered Trials
11.3.10.2. Analysis by Enrolled Patient Population

+44 20 8123 2220
info@marketpublishers.com

12. PARTNERSHIPS AND COLLABORATIONS

12.1. Chapter Overview
12.2. Partnership Models
12.3. AAV Based Gene Therapy: List of Partnerships and Collaborations
  12.3.1. Analysis by Year of Partnership
  12.3.2. Analysis by Type of Partnership
  12.3.3. Analysis by Year of Partnership and Type of Partner
  12.3.4. Analysis by Type of Partnership and Type of Partner
  12.3.5. Analysis by Therapeutic Area
  12.3.6. Most Active Players: Analysis by Number of Partnerships
  12.3.7. Regional Analysis
    12.3.7.1. Intercontinental and Intracontinental Agreements
12.4. AAV Manufacturing Companies: List of Partnerships and Collaborations
  12.4.1. Analysis by Year of Partnership
  12.4.2. Analysis by Type of Partnership
  12.4.3. Analysis by Year of Partnership and Type of Partner
  12.4.4. Analysis by Type of Partnership and Type of Partner
  12.4.5. Analysis by Therapeutic Area
  12.4.6. Most Active Players: Analysis by Number of Partnerships
  12.4.7. Regional Analysis
    12.4.7.1. Intercontinental and Intracontinental Agreements

13. STRATEGIC PARTNER ANALYSIS

13.1. Chapter Overview
13.2. AAV Manufacturing Companies: Potential Strategic Partners
  13.2.1. Methodology and Key Parameters
  13.2.2. AAV Manufacturing Companies: Strategic Partner Analysis
    13.2.2.1. Most Likely Partners
    13.2.2.2. Likely Partners
    13.2.2.3. Less Likely Partners
    13.2.2.4. Least Likely Partners

14. PATENT ANALYSIS

14.1. Chapter Overview
14.2. Scope and Methodology
14.3. Adeno-Associated Viral Vectors: Patent Analysis

+44 20 8123 2220
info@marketpublishers.com

14.3.1. Analysis by Publication Year
14.3.2. Analysis by Annual Patent Application(s)
14.3.3. Analysis by Annual Granted Patents
14.3.4. Analysis by Geography
14.3.5. Analysis by CPC Symbols
14.3.6. Analysis by Type of Applicant
14.3.7. Leading Industry Players: Analysis by Number of Patents
14.4. Adeno Associated Viral Vector Based Market: Patent Benchmarking
14.4.1. Analysis by Patent Characteristics
14.5. Adeno-Associated Viral Vectors: Patent Valuation
14.6. Leading Patents: Analysis by Number of Citations

15. START-UP HEALTH INDEXING

15.1. Chapter Overview
15.2. Start-ups Developing Adeno-Associated Viral Vectors
15.2.1. Analysis by Location of Headquarters
15.3. Benchmarking of Start-ups
15.3.1. Analysis by Pipeline Strength
15.3.2. Analysis by Pipeline Maturity
15.3.3. Analysis by Indication Diversity
15.3.4. Analysis by Number of Patents
15.3.5. Analysis by Partnership Activity
15.3.6. Start-ups Health Indexing: Roots Analysis Perspective

16. OUTSOURCING: GO / NO-GO FRAMEWORK

16.1. Chapter Overview
16.2. Outsourcing: Go / No-Go Framework
16.3. AAV Based Gene Therapy Developers Outsourcing: Go / No-Go Framework
16.3.1. Key Parameters and Assumptions
16.3.2. Methodology
16.3.3. Results and Interpretations
16.3.3.1. Small Companies
16.3.3.2. Mid-sized Companies
16.3.3.3. Large Companies

17. MARKET SIZING AND OPPORTUNITY ANALYSIS

+44 20 8123 2220
info@marketpublishers.com

17.1. Chapter Overview
17.2. Methodology and Key Assumptions
17.3. AAV Based Gene Therapy Market, 2022-2035
17.3.1. AAV Based Gene Therapy Market: Distribution by Therapeutic Area
17.3.2. AAV Based Gene Therapy Market: Distribution by Type of Therapy
17.3.3. AAV Based Gene Therapy Market: Distribution by Type of Gene Delivery Method Used
17.3.4. AAV Based Gene Therapy Market: Distribution by Therapeutic Area
17.3.5. AAV Based Gene Therapy Market: Distribution by Route of Administration
17.3.6. AAV Based Gene Therapy Market: Distribution by Therapeutic Area
17.3.7. AAV Based Gene Therapy Market: Distribution by Geography
17.3.8. AAV Based Gene Therapy Market, 2022-2035: Individual Product Sales Forecast
17.3.8.1. LUXTURNA
17.3.8.1.1. Target Patient Population
17.3.8.1.2. Sales Forecast
17.3.8.1.3. Net Present Value
17.3.8.1.4. Value Creation Analysis
17.3.8.2. ZOLGENSMA
17.3.8.2.1. Target Patient Population
17.3.8.2.2. Sales Forecast
17.3.8.2.3. Net Present Value
17.3.8.2.4. Value Creation Analysis
17.3.8.3. HEMGENIX
17.3.8.3.1. Target Patient Population
17.3.8.3.2. Sales Forecast
17.3.8.3.3. Net Present Value
17.3.8.3.4. Value Creation Analysis
17.3.8.4. ROCTAVIAN
17.3.8.4.1. Target Patient Population
17.3.8.4.2. Sales Forecast
17.3.8.4.3. Net Present Value
17.3.8.4.4. Value Creation Analysis
17.3.8.5. UPSTAZA
17.3.8.5.1. Target Patient Population
17.3.8.5.2. Sales Forecast
17.3.8.5.3. Net Present Value
17.3.8.5.4. Value Creation Analysis
17.3.8.6. ELEVIDYS

+44 20 8123 2220
info@marketpublishers.com

17.3.8.6.1. Target Patient Population
17.3.8.6.2. Sales Forecast
17.3.8.6.3. Net Present Value
17.3.8.6.4. Value Creation Analysis
17.3.8.7. AGTC
17.3.8.7.1. Target Patient Population
17.3.8.7.2. Sales Forecast
17.3.8.7.3. Net Present Value
17.3.8.7.4. Value Creation Analysis
17.3.8.8. LYS-SAF302
17.3.8.8.1. Target Patient Population
17.3.8.8.2. Sales Forecast
17.3.8.8.3. Net Present Value
17.3.8.8.4. Value Creation Analysis
17.3.8.9. NFS-01
17.3.8.9.1. Target Patient Population
17.3.8.9.2. Sales Forecast
17.3.8.9.3. Net Present Value
17.3.8.9.4. Value Creation Analysis
17.3.8.10. OAV-101
17.3.8.10.1. Target Patient Population
17.3.8.10.2. Sales Forecast
17.3.8.10.3. Net Present Value
17.3.8.10.4. Value Creation Analysis
17.3.8.11. PF-06838435
17.3.8.11.1. Target Patient Population
17.3.8.11.2. Sales Forecast
17.3.8.11.3. Net Present Value
17.3.8.11.4. Value Creation Analysis
17.3.8.12. PF-06939926
17.3.8.12.1. Target Patient Population
17.3.8.12.2. Sales Forecast
17.3.8.12.3. Net Present Value
17.3.8.12.4. Value Creation Analysis
17.3.8.13. PF-07055480
17.3.8.13.1. Target Patient Population
17.3.8.13.2. Sales Forecast
17.3.8.13.3. Net Present Value
17.3.8.13.4. Value Creation Analysis

+44 20 8123 2220
info@marketpublishers.com

17.3.8.14. RGX-314
17.3.8.14.1. Target Patient Population
17.3.8.14.2. Sales Forecast
17.3.8.14.3. Net Present Value
17.3.8.14.4. Value Creation Analysis
17.3.8.15. SPK-8011
17.3.8.15.1. Target Patient Population
17.3.8.15.2. Sales Forecast
17.3.8.15.3. Net Present Value
17.3.8.15.4. Value Creation Analysis
17.4. AAV Manufacturing Market, 2022-2035
17.4.1. AAV Manufacturing Market, 2022-2035: Distribution by Phase of Development
17.4.2. AAV Manufacturing Market, 2022-2035: Distribution by Therapeutic Area
17.4.3. AAV Manufacturing Market, 2022-2035: Distribution by Application Area
17.4.4. AAV Manufacturing Market, 2022-2035: Distribution by Key Geographical Regions
17.5 Current and Future Market Opportunity for Commercial Products
17.5.1. AAV Manufacturing Market for Commercial Products, 2022-2035: Distribution by Therapeutic Area
17.5.2. AAV Manufacturing Market for Commercial Products, 2022-2035: Distribution by Application Area
17.5.3. AAV Manufacturing Market for Commercial Products, 2022-2035: Distribution by Key Geographical Regions
17.6. Current and Future Market Opportunity for Clinical Candidates
17.6.1. AAV Manufacturing Market for Clinical Candidates, 2022-2035: Distribution by Phase of Development
17.6.2. AAV Manufacturing Market for Clinical Candidates, 2022-2035: Distribution by Application Area
17.6.3. AAV Manufacturing Market for Clinical Candidates, 2022-2035: Distribution by Key Geographical Regions
17.7. Current and Future Market Opportunity for Preclinical Candidates
17.7.1. AAV Manufacturing Market for Preclinical Candidates, 2022-2035: Distribution by Type of Animal Model Used
17.7.2. AAV Manufacturing Market for Preclinical Candidates, 2022-2035: Distribution by Application Area
17.7.3. AAV Manufacturing Market for Preclinical Candidates, 2022-2035: Distribution by Key Geographical Regions

18. CONCLUDING REMARKS

+44 20 8123 2220
info@marketpublishers.com

19. EXECUTIVE INSIGHTS

19.1. Chapter Overview
19.2. Boston College
  19.2.1. Organization Snapshot
  19.2.2. Interview Transcript: Abhishek Chatterjee, Professor
19.3. University of Florida
  19.3.1. Organization Snapshot
  19.3.2. Interview Transcript: Arun Srivastava, Professor of Genetics and Chief of Division of Cellular & Molecular Therapy
19.4. Andelyn Biosciences
  19.4.1. Organization Snapshot
  19.4.2. Interview Transcript: Adam Lauber, Chief Financial Officer

20. APPENDIX 1: TABULATED DATA

21. APPENDIX 2: LIST OF COMPANIES AND ORGANIZATIONS

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Adeno-Associated Viral Vectors / AAV Vector Market: Focus on AAV Based Gene Therapy and AAV Manufacturing by Type of Therapy (Gene Augmentation, Immunotherapy and Others), Type of Gene Delivery Method Used (Ex vivo and In vivo), Target Therapeutic Area (Genetic Disorders, Hematological Disorders, Infectious Diseases, Metabolic Disorders, Muscle Disorders, Ophthalmic Disorders, Neurological Disorders and Others), Application Area (Gene Therapy, Cell Therapy and Vaccine), Scale of Operation (Preclinical, Clinical and Commercial) and Geographical Regions (North America, Europe, Asia Pacific, MENA, Latin America and Rest of the World): Industry Trends and Global Forecasts, 2022-2035

Product link: https://marketpublishers.com/r/A6C88527ACBDEN.html

Price: US$ 4,799.00 (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/A6C88527ACBDEN.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 _____

+44 20 8123 2220
info@marketpublishers.com

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

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