

# Integrin Alpha 4 - Pipeline Review, H1 2020

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### **Abstracts**

Integrin Alpha 4 - Pipeline Review, H1 2020

#### SUMMARY

Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) pipeline Target constitutes close to 18 molecules. The latest report Integrin Alpha 4 – Pipeline Review, H1 2020, outlays comprehensive information on the Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) – Integrin Alpha 4 is a protein encoded by ITGA4. Integrins alpha-4 (VLA-4) subunit associates with a beta 1 or beta-7 subunit to form an integrin that plays a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. They are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. The molecules developed by companies in Pre-Registration, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 3, 5, 1, 5 and 3 respectively.

Report covers products from therapy areas Gastrointestinal, Immunology, Central Nervous System, Infectious Disease, Oncology, Ophthalmology, Genetic Disorders, Musculoskeletal Disorders and Respiratory which include indications Ulcerative Colitis, Crohn's Disease (Regional Enteritis), Inflammatory Bowel Disease, Graft Versus Host Disease (GVHD), Relapsing Remitting Multiple Sclerosis (RRMS), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Age Related Macular Degeneration,



Amyotrophic Lateral Sclerosis, Asthma, Bone Fracture, Duchenne Muscular Dystrophy, Eosinophilic Esophagitis, Genital Warts (Condylomata Acuminata), Human Immunodeficiency Virus (HIV) Infections (AIDS), Inflammation, Keratoconjunctivitis Sicca (Dry Eye), Multiple Sclerosis, Osteonecrosis, Osteoporosis, Paraneoplastic Syndrome, Rheumatoid Arthritis and Secondary Progressive Multiple Sclerosis (SPMS).

Furthermore, this report also reviews key players involved in Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

### SCOPE

The report provides a snapshot of the global therapeutic landscape for Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4)

The report reviews Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics and enlists all their major and minor projects



The report assesses Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) targeted therapeutics

#### **REASONS TO BUY**

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Integrin Alpha 4 (CD49 Antigen Like Family Member D or VLA4 Subunit Alpha or CD49d or ITGA4) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand



business potential and scope



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### **COMPANIES MENTIONED**

Antisense Therapeutics Ltd

Aviara Pharmaceuticals Inc.

AxeroVision Inc

Biogen Inc

C4X Discovery Holdings Plc

EA Pharma Co Ltd

Feramda Ltd

Genentech Inc.

Gilead Sciences Inc

Immunwork Inc

Morphic Holding Inc

Polpharma Biologics

Protagonist Therapeutics Inc

Regenerative Arthritis & Bone Medicine Inc

Takeda Pharmaceutical Co Ltd

Tolerion Inc

Zealand Pharma AS



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