

# **Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) - Pipeline Review, H2 2018**

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## **Abstracts**

Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) - Pipeline Review, H2 2018

### **SUMMARY**

According to the recently published report 'Integrin Alpha V - Pipeline Review, H2 2018'; Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) pipeline Target constitutes close to 31 molecules. Out of which approximately 25 molecules are developed by companies and remaining by the universities/institutes.

Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) - Integrin alpha-V is a protein encoded by the ITGAV gene. Alpha-V integrins are receptors for vitronectin, cytactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin regulate angiogenesis and cancer progression.

The report 'Integrin Alpha V - Pipeline Review, H2 2018' outlays comprehensive information on the Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II and Preclinical stages are 1, 6 and 18 respectively. Similarly, the universities portfolio in Preclinical stages comprises 6 molecules, respectively.

Report covers products from therapy areas Oncology, Ophthalmology, Metabolic Disorders, Musculoskeletal Disorders, Dermatology, Gastrointestinal, Respiratory, Infectious Disease, Cardiovascular and Immunology which include indications Fibrosis, Idiopathic Pulmonary Fibrosis, Persistent Corneal Epithelial Defects, Wet (Neovascular/Exudative) Macular Degeneration, Breast Cancer, Diabetic Nephropathy, Glioblastoma Multiforme (GBM), Liver Fibrosis, Metastatic Melanoma, Pancreatic Cancer, Wounds, Age Related Macular Degeneration, Coronary Artery Disease (CAD) (Ischemic Heart Disease), Diabetic Foot Ulcers, Diabetic Macular Edema, Genital Warts (Condylomata Acuminata), Malabsorption Syndrome, Metastatic Colorectal Cancer, Multiple Myeloma (Kahler Disease), Rheumatoid Arthritis, Sepsis and Venous Leg Ulcers (Crural Ulcer).

**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 V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV)

The report reviews Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) 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 V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) targeted therapeutics and enlists all their major and minor projects

The report assesses Integrin Alpha V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) 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 V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) 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 V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) 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 V (Vitronectin Receptor Subunit Alpha or CD51 or ITGAV) 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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Featured News & Press Releases

Oct 09, 2018: Merck KGaA to announce data of Abituzumab at ESMO 2018 Congress

Oct 04, 2018: Factor Therapeutics announce treatment completion marks milestone in Phase 2 clinical trial

Oct 02, 2018: Factor Therapeutics provides shareholder update Q3 2018

Sep 05, 2018: Factor Therapeutics announced phase 2 clinical trial for venous leg ulcers nears completion

Aug 06, 2018: Pliant Therapeutics Receives FDA Orphan Drug Designation for Lead Program PLN-74809 in Idiopathic Pulmonary Fibrosis

Jul 19, 2018: Cassiopea announces top line positive proof of concept phase II results for CB-06-02 immune modulator in treating genital warts

Jul 16, 2018: Factor Therapeutics: Recruitment Completed in VF00102

Jun 26, 2018: VF00102 CLINICAL TRIAL UPDATE: Screening Closed to New Patients as Recruitment Nears Completion

Jun 14, 2018: Factor Therapeutics: VF001002 Clinical Trial Update

May 14, 2018: Factor Therapeutics announces its VF00102 Clinical Trial Recruitment Enters Final Phase

Apr 10, 2018: Factor Therapeutics Provides Update on VF00102 Clinical Trial

Dec 18, 2017: SciFluor announces positive top-line results of phase 1/2 study of SF0166 eye drops to treat wet age-related macular degeneration

Dec 12, 2017: SciFluor Announces 6 New Patent Issuances Covering the Use of SF0166 Topical Ophthalmic Solution in Retinal Diseases

Dec 07, 2017: Cassiopea Announces Completion of Recruitment of Phase II Proof of Concept Trial of CB-06-02 Trial in Genital Warts

Nov 29, 2017: Factor Therapeutics Announces 50% Recruitment Reached in VF00102 Clinical Trial

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BioMAS Ltd  
BrightGene Bio-Medical Technology Co Ltd  
Factor Therapeutics Ltd  
MedImmune LLC  
Merck & Co Inc  
Merck KGaA  
Morphic Therapeutic Inc  
Pliant Therapeutics Inc  
SciFluor Life Sciences LLC  
Tasly Pharmaceutical Group Co Ltd  
Vascular Pharmaceuticals Inc

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