

# Integrin Beta 3 (Platelet Membrane Glycoprotein Illa or CD61 or ITGB3) - Pipeline Review, H2 2018

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Date: July 2018 Pages: 68 Price: US\$ 3,500.00 (Single User License) ID: ICD0845AE60EN

## **Abstracts**

Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) - Pipeline Review, H2 2018

#### SUMMARY

According to the recently published report 'Integrin Beta 3 - Pipeline Review, H2 2018'; Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) pipeline Target constitutes close to 22 molecules. Out of which approximately 15 molecules are developed by companies and remaining by the universities/institutes.

Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) - Integrin beta-3 (?3) or CD61 is a protein that in humans is encoded by the ITGB3 gene. Integrin beta 3 is found along with the alpha IIb chain in platelets. It is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Activation of integrin alpha-IIb/beta-3 leads to platelet interaction through binding of soluble fibrinogen. This leads to rapid platelet aggregation which physically plugs ruptured endothelial surface.

The report 'Integrin Beta 3 - Pipeline Review, H2 2018' outlays comprehensive information on the Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) 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 Beta 3 (Platelet Membrane Glycoprotein



Illa or CD61 or ITGB3) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, IND/CTA Filed and Preclinical stages are 3, 1 and 11 respectively. Similarly, the universities portfolio in Preclinical stages comprises 7 molecules, respectively.

Report covers products from therapy areas Oncology, Ophthalmology, Cardiovascular, Metabolic Disorders, Dermatology, Gastrointestinal and Infectious Disease which include indications Wet (Neovascular/Exudative) Macular Degeneration, Breast Cancer, Diabetic Nephropathy, Glioblastoma Multiforme (GBM), Melanoma, Wounds, Arterial Thrombosis, Cardiovascular Disease, Diabetic Macular Edema, Diabetic Retinopathy, Ischemic Cerebral Stroke, Ischemic Stroke, Lung Cancer, Malabsorption Syndrome, Metastatic Melanoma, Multiple Myeloma (Kahler Disease), Myocardial Infarction, Pancreatic Cancer, Retinal Vein Occlusion, 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 Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3)

The report reviews Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) 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 Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) targeted therapeutics and enlists all their major and minor projects



The report assesses Integrin Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) 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 Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) 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 Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3)

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 Beta 3 (Platelet Membrane Glycoprotein IIIa or CD61 or ITGB3) 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

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

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

Nov 02, 2017: VF001002 Clinical Trial Update: Strong performance in October driven by new sites

Sep 28, 2017: SciFluor Announces Positive Results of Phase 1/2 Study of SF0166 Topical Ophthalmic Solution in Diabetic Macular Edema Patients

May 22, 2017: Factor Therapeutics Appoints Dr. Rosalind Wilson as CEO

May 08, 2017: Ocugen Expands Global Patent Portfolio for OCU200

Apr 07, 2017: Factor Therapeutics: Phase II Clinical Trial Progress Update

Dec 20, 2016: Factor Therapeutics - First Patient In and Clinical Update

Nov 07, 2016: FDA Clinical Hold Lifted for IND 119526 (VF - 001)

Oct 17, 2016: SciFluor Life Sciences Announces First Patients Dosed in Retinal

Program with Investigational New Drug Application for SF0166 Topical Ophthalmic Solution

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#### **COMPANIES MENTIONED**

Celltrion Inc Factor Therapeutics Ltd Merck & Co Inc SciFluor Life Sciences LLC Vascular Pharmaceuticals Inc VDDI Pharmaceuticals



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