

# Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Pipeline Review, H1 2018

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## Abstracts

Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Pipeline Review, H1 2018

#### SUMMARY

According to the recently published report 'Integrin Beta 7 - Pipeline Review, H1 2018'; Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) pipeline Target constitutes close to 7 molecules. Out of which approximately 7 molecules are developed by Companies.

Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Integrin beta-7 is an integrin protein encoded by the ITGB7 gene. It interacts with the cell surface adhesion molecules MADCAM1 which is normally expressed by the vascular endothelium of the gastrointestinal tract. Interactions involve the tripeptide L-D-T in MADCAM1, and L-D-V in fibronectin. It binds to HIV-1 gp120 that allows the virus to enter GALT (major trigger of AIDS disease).

The report 'Integrin Beta 7 - Pipeline Review, H1 2018' outlays comprehensive information on the Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) 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 7 (Gut Homing Receptor Beta Subunit or ITGB7) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in



Pre-Registration, Phase III, Phase II, Preclinical and Discovery stages are 1, 1, 2, 1 and 2 respectively. Report covers products from therapy areas Gastrointestinal, Infectious Disease, Immunology and Oncology which include indications Ulcerative Colitis, Crohn's Disease (Regional Enteritis), Human Immunodeficiency Virus (HIV) Infections (AIDS), Inflammatory Bowel Disease, Celiac Disease, Graft Versus Host Disease (GVHD) and Melanoma.

**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 7 (Gut Homing Receptor Beta Subunit or ITGB7)

The report reviews Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) 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 7 (Gut Homing Receptor Beta Subunit or ITGB7) targeted therapeutics and enlists all their major and minor projects

The report assesses Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) 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 7 (Gut Homing Receptor Beta Subunit or ITGB7) 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 7 (Gut Homing Receptor Beta Subunit or ITGB7)

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 7 (Gut Homing Receptor Beta Subunit or ITGB7) 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



## Contents

Introduction Global Markets Direct Report Coverage Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Overview Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Therapeutics **Development** Products under Development by Stage of Development Products under Development by Therapy Area Products under Development by Indication Products under Development by Companies Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Therapeutics Assessment Assessment by Mechanism of Action Assessment by Route of Administration Assessment by Molecule Type Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Companies Involved in **Therapeutics Development** Amgen Inc Genentech Inc Protagonist Therapeutics Inc Takeda Pharmaceutical Co Ltd Viriom Inc Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Drug Profiles abrilumab - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress ET-3764 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress etrolizumab - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress PTG-100 - Drug Profile **Product Description** Mechanism Of Action



R&D Progress

Small Molecule to Antagonize Integrin Alpha4 and Beta7 for Inflammatory Bowel

Disease - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

vedolizumab - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

VM-4500 - Drug Profile

Product Description

Mechanism Of Action

**R&D** Progress

Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Dormant Products Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Discontinued Products Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Product Development Milestones

Featured News & Press Releases

Jan 04, 2018: Protagonist Therapeutics Granted New US Patent for Peptide Drug Candidate PTG-100

Nov 09, 2017: New Post-Hoc Analysis Evaluating Deep Remission with Entyvio (vedolizumab) in Patients with Moderately to Severely Active Ulcerative Colitis Recognized as 'Poster of Distinction' at AIBD 2017 Annual Conferenc

Nov 01, 2017: Meta-Analysis Using Real-World Data Evaluates Safety Profile of Entyvio (vedolizumab) in Patients with Moderate to Severe Ulcerative Colitis or Crohn's Disease

Oct 16, 2017: New Post-Hoc Analyses Report Early Symptomatic Improvement in Moderately to Severely Active Ulcerative Colitis or Crohn's Disease Patients Taking Entyvio (vedolizumab), Particularly in Biologic-Na?ve Patients

Aug 22, 2017: Takeda Submits a New Drug Application for Vedolizumab for the Treatment of Moderately to Severely Ulcerative Colitis in Japan

May 09, 2017: Provincial drug plans, including Ontario and BC, make ENTYVIO (vedolizumab) available to treat inflammatory bowel disease

May 08, 2017: New Real-World Analyses Support Effectiveness and Safety of Entyvio (vedolizumab) for Ulcerative Colitis and Crohns Disease

Feb 17, 2017: Five-Year Open-Label Prospective Study Data Presented at the 12th Congress of European Crohn;s and Colitis Organisation (ECCO) Provides Information on the Long-Term Use of Vedolizumab in Adult Patients with Moderate to Severely



Active Ulcerative Colitis and Crohn's Disease Feb 17, 2017: Protagonist Therapeutics Presents Data on Oral Peptide Drug Candidate PTG-100 at European Crohn's and Colitis Organization Congress Jan 17, 2017: Protagonist Therapeutics Initiates Phase 2b Study of Oral Drug Candidate PTG-100 in Ulcerative Colitis Jan 05, 2017: Key Patent is Issued Covering Protagonist Therapeutics' Alpha4Beta7 Integrin Peptide Inhibitors including Oral Drug Candidate PTG-100 Dec 09, 2016: GEMINI II & III Post-hoc Analysis Reports Clinical Benefits of Vedolizumab as Induction and Maintenance Therapy in Tumor Necrosis Factor-Naive Patients with Moderately to Severely Active Crohns Disease Dec 08, 2016: Takeda Presents 17 Abstracts at the 2016 Advances in Inflammatory Bowel Diseases (AIBD) Annual Conference Nov 24, 2016: Takeda's ENTYVIO (vedolizumab) receives positive reimbursement recommendation from Common Drug Review for treatment of Crohns Disease Nov 23, 2016: Takeda IBD Treatment ENTYVIO (vedolizumab) Receives Prestigious Prix Galien Canada Innovative Product Award Appendix Methodology Coverage Secondary Research Primary Research Expert Panel Validation Contact Us Disclaimer



## **List Of Tables**

#### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2018 Number of Products under Development by Therapy Areas, H1 2018 Number of Products under Development by Indication, H1 2018 Number of Products under Development by Companies, H1 2018 Products under Development by Companies, H1 2018 Products under Development by Companies, H1 2018 (Contd.1), H1 2018 Number of Products by Stage and Mechanism of Actions, H1 2018 Number of Products by Stage and Route of Administration, H1 2018 Number of Products by Stage and Molecule Type, H1 2018 Pipeline by Amgen Inc, H1 2018 Pipeline by Genentech Inc, H1 2018 Pipeline by Protagonist Therapeutics Inc, H1 2018 Pipeline by Takeda Pharmaceutical Co Ltd, H1 2018 Pipeline by Viriom Inc, H1 2018 Dormant Projects, H1 2018 **Discontinued Products, H1 2018** 



## **List Of Figures**

#### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2018 Number of Products under Development by Therapy Areas, H1 2018 Number of Products under Development by Top 10 Indications, H1 2018 Number of Products by Stage and Mechanism of Actions, H1 2018 Number of Products by Routes of Administration, H1 2018 Number of Products by Stage and Routes of Administration, H1 2018 Number of Products by Molecule Types, H1 2018 Number of Products by Stage and Molecule Types, H1 2018

#### **COMPANIES MENTIONED**

Amgen Inc Genentech Inc Protagonist Therapeutics Inc Takeda Pharmaceutical Co Ltd Viriom Inc



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