

# Integrin Beta 7 - Pipeline Review, H2 2019

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## Abstracts

Integrin Beta 7 - Pipeline Review, H2 2019

### SUMMARY

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).

Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) pipeline Target constitutes close to 8 molecules. The molecules developed by companies in Pre-Registration, Phase III, Phase I, Preclinical and Discovery stages are 1, 1, 1, 3 and 2 respectively. Report covers products from therapy areas Gastrointestinal, Immunology and Infectious Disease which include indications Ulcerative Colitis, Crohn's Disease (Regional Enteritis), Inflammatory Bowel Disease, Eosinophilic Esophagitis, Graft Versus Host Disease (GVHD) and Human Immunodeficiency Virus (HIV) Infections (AIDS).

The latest report Integrin Beta 7 - Pipeline Review, H2 2019, 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. 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.

The report is built using 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 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

C4X Discovery Holdings Plc

Genentech Inc

Morphic Holding Inc

Protagonist Therapeutics Inc

Takeda Pharmaceutical Co Ltd

Integrin Beta 7 (Gut Homing Receptor Beta Subunit or ITGB7) - Drug Profiles

ET-3764 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

etrolizumab - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

PN-943 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule 2 to Antagonize Integrin alpha4 and Integrin beta7 for Autoimmune  
Disorders - 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

Small Molecule to Antagonize ITGA4 and ITGB7 for Autoimmune Disorders - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules 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

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

Aug 08, 2019: Takeda submits NDA for SC formulation of vedolizumab to treat ulcerative colitis

Aug 01, 2019: Oral Alpha-4-Beta-7 integrin antagonist PN-943 demonstrates sustained dose-related target engagement activity in a multiple ascending dose phase 1 study

Jul 22, 2019: Takeda's study of subcutaneous vedolizumab meets primary goal

May 22, 2019: Entyvio (vedolizumab) approved in Japan for the treatment of patients with moderately to severely active Crohn's Disease

May 19, 2019: New Exploratory data from VARSITY, the first head-to-head ulcerative colitis biologic study which demonstrated superiority of Vedolizumab to Adalimumab in clinical remission at week 52, presented at 2019 Digestive Disease Week

May 14, 2019: Oral alpha-4-beta-7 integrin antagonist PN-943 demonstrates superior dose-related target engagement activity to PTG-100 in single ascending dose phase 1 study

May 09, 2019: U.S. Food & Drug Administration accepts Takeda's Biologics License Application for a subcutaneous formulation of Vedolizumab (Entyvio) for maintenance therapy in moderately to severely active ulcerative colitis

May 07, 2019: Protagonist Therapeutics to present preclinical data on PN-943 at Digestive Disease Week conference 2019

Apr 01, 2019: European Medicines Agency accepts Takeda's Marketing Authorization Application for a subcutaneous formulation of Vedolizumab for maintenance therapy in moderately to severely active Ulcerative Colitis and Crohn's Disease

Mar 11, 2019: Takeda's Entyvio achieves superior remission than Humira in ulcerative colitis

Mar 11, 2019: Takeda Canada announces positive results for ENTYVIO (vedolizumab) vs. Humira (adalimumab) in first IBD study to compare biological agents head-to-head

Dec 17, 2018: Entyvio post-marketing safety data consistent with previous clinical trials

Dec 13, 2018: Protagonist Therapeutics initiates phase 1 trial of oral, gut-restricted, alpha-4-beta-7 integrin antagonist PN-10943

Nov 27, 2018: Protagonist Therapeutics announces new development candidate PN-10943 for the treatment of inflammatory bowel disease

Nov 07, 2018: Takeda announces launch of Entyvio (vedolizumab) for the treatment of adult patients with moderately to severely active ulcerative colitis in Japan

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, H2 2019  
Number of Products under Development by Therapy Areas, H2 2019  
Number of Products under Development by Indication, H2 2019  
Number of Products under Development by Companies, H2 2019  
Products under Development by Companies, H2 2019  
Products under Development by Companies, H2 2019 (Contd..1), H2 2019  
Number of Products by Stage and Mechanism of Actions, H2 2019  
Number of Products by Stage and Route of Administration, H2 2019  
Number of Products by Stage and Molecule Type, H2 2019  
Pipeline by C4X Discovery Holdings Plc, H2 2019  
Pipeline by Genentech Inc, H2 2019  
Pipeline by Morphic Holding Inc , H2 2019  
Pipeline by Protagonist Therapeutics Inc, H2 2019  
Pipeline by Takeda Pharmaceutical Co Ltd, H2 2019  
Dormant Projects, H2 2019  
Discontinued Products, H2 2019

## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H2 2019

Number of Products under Development by Therapy Areas, H2 2019

Number of Products under Development by Top 10 Indications, H2 2019

Number of Products by Stage and Mechanism of Actions, H2 2019

Number of Products by Routes of Administration, H2 2019

Number of Products by Stage and Routes of Administration, H2 2019

Number of Products by Molecule Types, H2 2019

Number of Products by Stage and Molecule Types, H2 2019

### COMPANIES MENTIONED

C4X Discovery Holdings Plc

Genentech Inc

Morphic Holding Inc

Protagonist Therapeutics Inc

Takeda Pharmaceutical Co Ltd



## I would like to order

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