

# **C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) - Pipeline Review, H1 2019**

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## **Abstracts**

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### **SUMMARY**

C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) - C-C chemokine receptor type 5 (CCR5) also known as CD195, is a surface protein located on the plasma membrane of white blood cells and is encoded by CCR5 gene. This receptor binds and responds to a variety of chemokines (CCL3, CCL4, CCL5, CCL3L1). This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. It plays a role in granulocyte lineage proliferation and differentiation.

C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) pipeline Target constitutes close to 15 molecules. Out of which approximately 10 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Pre-Registration, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 3, 1, 3 and 1 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 4 and 1 molecules, respectively.

Report covers products from therapy areas Infectious Disease, Oncology, Central Nervous System, Gastrointestinal, Respiratory and Immunology which include indications Human Immunodeficiency Virus (HIV) Infections (AIDS), Chronic Obstructive Pulmonary Disease (COPD), Liver Fibrosis, Metastatic Colorectal Cancer, Multiple

Sclerosis, Non-Alcoholic Steatohepatitis (NASH), Colon Cancer, Colorectal Cancer, Graft Versus Host Disease (GVHD), Metastatic Breast Cancer, Metastatic Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Primary Sclerosing Cholangitis and Prostate Cancer.

The latest report C-C Chemokine Receptor Type 5 - Pipeline Review, H1 2019, outlays comprehensive information on the C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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 C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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 C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5)

The report reviews C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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 C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) targeted therapeutics and enlists all their major and minor projects

The report assesses C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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 C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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 C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5)

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 C-C

Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) 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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American Gene Technologies International Inc

Auritec Pharmaceuticals Inc

Bristol-Myers Squibb Co

Cytodyn Inc

Merck & Co Inc

Novartis AG

C-C Chemokine Receptor Type 5 (CHEMR13 or HIV 1 Fusion Coreceptor or CD195 or CCR5) - Drug Profiles

(cenicriviroc + tropifexor) - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

(emtricitabine + tenofovir disoproxil fumarate) + maraviroc SR - Drug Profile

Product Description

Mechanism Of Action

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AG-1105 - Drug Profile

Product Description

Mechanism Of Action

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Product Description

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Featured News & Press Releases

Apr 04, 2019: ASM Microbe 2019 Conference grants both poster and oral presentations to CytoDyn for its pivotal study of Leronlimab (PRO 140) which demonstrated superior efficacy and safety in heavily treatment-experienced HIV patients

Apr 01, 2019: CytoDyn announces data from two studies at the AACR Annual Meeting

Mar 28, 2019: Orion Biotechnology to present OB-002 in vitro potency data at the 10th International AIDS Society HIV Science Meeting in Mexico City in July 2019

Mar 26, 2019: CytoDyn's leronlimab performs well as a monotherapy for HIV

Mar 26, 2019: CytoDyn's monotherapy trial with Leronlimab (PRO 140) exceeds expectations

Mar 18, 2019: CytoDyn reaches historical milestone, submits first of three sections of BLA to FDA for leronlimab (PRO 140) as a combination therapy for HIV

Mar 12, 2019: Orion Biotechnology Canada announces three new appointments to their senior management team

Mar 11, 2019: CytoDyn reports significant reduction in Breast Cancer Tumor Metastasis in preclinical study and requests FDA Fast Track Designation for Leronlimab (PRO 140) in Metastatic-Triple Negative Breast Cancer (mTNBC)

Mar 04, 2019: FDA grants rolling review for CytoDyn's planned BLA for investigational HIV Therapy Leronlimab (PRO 140)

Feb 27, 2019: CytoDyn to Present New Data from Study of Investigational HIV Therapy Leronlimab (PRO 140), a Long-Acting, Single-Agent Maintenance Therapy at CROI

2019

Feb 20, 2019: CytoDyn announces Leronlimab (PRO 140) reduces by more than 98% human breast cancer metastasis in mouse xenografts for over 6 weeks

Feb 14, 2019: American Gene Technologies signs research agreement with NIAID for Experimental HIV/AIDS Cure Strategy

Feb 12, 2019: Researchers at Queen's University Belfast have developed a vaginal ring capable of providing sustained delivery of OB-002 (5P12-RANTES) for HIV prevention

Feb 01, 2019: CytoDyn announces productive conference call with FDA regarding first BLA Submission for Leronlimab (PRO 140) combination therapy at 700 mg Dose

Jan 29, 2019: Orion Biotechnology Canada report that IND- enabling studies evaluating the safety of their OB-002H microbicide gel have shown an excellent mucosal safety profile

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### COMPANIES MENTIONED

Allergan Plc

American Gene Technologies International Inc

Auritec Pharmaceuticals Inc

Bristol-Myers Squibb Co

Cytodyn Inc

Merck & Co Inc

Novartis AG

## I would like to order

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