

# **Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) - Pipeline Review, H1 2018**

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## **Abstracts**

Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) - Pipeline Review, H1 2018

### **SUMMARY**

According to the recently published report 'Granulocyte Macrophage Colony Stimulating Factor - Pipeline Review, H1 2018'; Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) pipeline Target constitutes close to 20 molecules. Out of which approximately 19 molecules are developed by companies and remaining by the universities/institutes.

Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) - Granulocyte-macrophage colony-stimulating factor (GM-CSF) is a glycoprotein secreted by macrophages, T cells, mast cells, NK cells, endothelial cells and fibroblasts. It stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

The report 'Granulocyte Macrophage Colony Stimulating Factor - Pipeline Review, H1 2018' outlays comprehensive information on the Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) 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 Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical, Discovery and Unknown stages are 1, 9, 3, 3, 2 and 1 respectively. Similarly, the universities portfolio in Phase II stages comprises 1 molecules, respectively.

Report covers products from therapy areas Oncology, Immunology, Central Nervous System, Respiratory, Musculoskeletal Disorders and Undisclosed which include indications Breast Cancer, Rheumatoid Arthritis, Hepatocellular Carcinoma, Melanoma, Solid Tumor, Colorectal Cancer, Liver Cancer, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Liver Cancer, Multiple Sclerosis, Muscle Invasive Bladder Cancer (MIBC), Non Muscle Invasive Bladder Cancer (NMIBC) (Superficial Bladder Cancer), Renal Cell Carcinoma, Soft Tissue Sarcoma, Squamous Cell Carcinoma, Anaplastic Large Cell Lymphoma (ALCL), Ankylosing Spondylitis (Bekhterev's Disease), Basal Cell Carcinoma (Basal Cell Epithelioma), Chronic Obstructive Pulmonary Disease (COPD), Colon Carcinoma, Cutaneous T-Cell Lymphoma, Extramammary Paget Disease (EMPD), Glioblastoma Multiforme (GBM), Juvenile Myelomonocytic Leukemia (JMML), Kidney Cancer (Renal Cell Cancer), Leukemias, Lung Adenocarcinoma, Lung Cancer, Lung Disease, Lymphoma, Merkel Cell Carcinoma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Melanoma, Metastatic Renal Cell Carcinoma, Mycosis Fungoides, Natural Killer Cell Lymphomas, Neurotoxicity Syndromes, Nonmelanomatous Skin Cancer, Oral Cavity (Mouth) Cancer, Osteoarthritis Pain, Ovarian Cancer, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Peripheral T-Cell Lymphomas (PTCL), Prostate Cancer, Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Sezary Syndrome and Unspecified.

**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 Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2)

The report reviews Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) 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 Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) targeted therapeutics and enlists all their major and minor projects

The report assesses Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) 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 Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) 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

Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2)

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 Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or Sargramostim or CSF2) 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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*Granulocyte Macrophage Colony Stimulating Factor (GMCSF or Colony Stimulating Factor or CSF or Molgramostin or...*

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Apr 10, 2018: BriaCell to Present Encouraging Clinical Data at AACR 2018

Apr 03, 2018: BriaCell's Lead Product Candidate Mechanism of Action Described in a  
Major Immunology Journal

Mar 21, 2018: Targeted Immunotherapy Treatment Shows Promise for Treating  
Advanced Stage Liver Tumors

Mar 15, 2018: Humanigen Completes Enrollment of Phase 1 Clinical Trial of Lenzilumab  
for Treatment of Chronic Myelomonocytic Leukemia

Feb 23, 2018: SillaJen Poster Presentation at 2018 GU ASCO Symposium Highlights  
New Clinical Data in RCC, Intravenous Delivery of Pexa-Vec, Oncolytic Immunotherapy

Feb 13, 2018: Cancer-Killing Virus Acts by Alerting Immune System

Feb 06, 2018: BriaCell Opens Fourth Clinical Site in Advanced Breast Cancer

Feb 05, 2018: BriaCell Presenting at Upcoming Cancer Conference

Jan 31, 2018: BriaCell Update: Early Evidence of Efficacy and Safety of Bria-IMT

Jan 29, 2018: SillaJen Announces First Patient Enrolled in the NCI-Sponsored Trial  
Evaluating Combination Therapy in Colorectal Cancer with SillaJen's Pexa-Vec  
Oncolytic Immunotherapy

Jan 25, 2018: Humanigen CEO to Present at NobleCon14, BIO CEO Investor  
Conferences

Jan 03, 2018: BriaCell Provides Clinical Update on its Lead Immunotherapy Drug in  
Advanced Breast Cancer

Dec 14, 2017: Izana Bioscience Launches as New Clinical-Stage Translational  
Medicine Company Developing Namilumab in Ankylosing Spondylitis

Nov 06, 2017: BriaCell Provides Clinical Update on its Lead Vaccine Candidate,  
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Oct 30, 2017: FDA Approves the Roll-Over Combination Study with Checkpoint Inhibitor  
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### COMPANIES MENTIONED

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Amgen Inc  
BriaCell Therapeutics Corp  
Cold Genesys Inc  
Epeius Biotechnologies Corp  
GlaxoSmithKline Plc  
Humanigen Inc  
Izana Bioscience Ltd  
Mologen AG  
Morphotek Inc  
Sillajen Biotherapeutics

## I would like to order

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