

Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) - Pipeline Review, H2 2017

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Abstracts

Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) - Pipeline Review, H2 2017

SUMMARY

According to the recently published report 'Macrophage Colony Stimulating Factor 1
Receptor - Pipeline Review, H2 2017'; Macrophage Colony Stimulating Factor 1
Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) pipeline Target constitutes close to 36 molecules. Out of which approximately 34 molecules are developed by companies and remaining by the universities/institutes.

Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) - Macrophage colony-stimulating factor (M-CSF) is a secreted cytokine which influences hematopoietic stem cells to differentiate into macrophages or other related cell types. It plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. It promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. It plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone development. It required for normal male and female fertility. It promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration.

The report 'Macrophage Colony Stimulating Factor 1 Receptor - Pipeline Review, H2



2017' outlays comprehensive information on the Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) 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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Pre-Registration, Filing rejected/Withdrawn, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 3, 1, 2, 7, 8, 10 and 3 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology, Musculoskeletal Disorders, Central Nervous System, Gastrointestinal, Genetic Disorders, Immunology, Genito Urinary System And Sex Hormones, Respiratory and Undisclosed which include indications Solid Tumor, Ovarian Cancer, Breast Cancer, Epithelial Ovarian Cancer, Metastatic Melanoma, Bladder Cancer, Fallopian Tube Cancer, Gastric Cancer, Melanoma, Peritoneal Cancer, Pigmented Villonodular Synovitis, Recurrent Glioblastoma Multiforme (GBM), Tenosynovial Giant Cell Tumor, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Bile Duct Cancer (Cholangiocarcinoma), Colorectal Cancer, Gastrointestinal Stromal Tumor (GIST), Head And Neck Cancer Squamous Cell Carcinoma, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Non-Small Cell Lung Cancer, Pancreatic Cancer, Soft Tissue Sarcoma, Acral Lentiginous Melanoma, Follicular Thyroid Cancer, Gallbladder Cancer, Glioblastoma Multiforme (GBM), Inflammation, Medullary Thyroid Cancer, Metastatic Adenocarcinoma of The Pancreas, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Ovarian Cancer, Papillary Thyroid Cancer, Renal Cell Carcinoma, Thyroid Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Adenocarcinoma, Adenocarcinoma Of The Gastroesophageal Junction, Alzheimer's Disease, Amyotrophic Lateral Sclerosis, Anaplastic Thyroid Cancer, Angiosarcoma, Asthma, Bone Metastasis, Brenner Tumor, Charcot-Marie-Tooth Disease Type I, Chondrosarcoma, Chronic Lymphocytic Leukemia (CLL), Colon Cancer, Crohn's Disease (Regional Enteritis), End-Stage Kidney Disease (End-Stage Renal Disease or ESRD), Endometrial Cancer, Ewing Sarcoma, Extrahepatic Bile Duct Cancer, Gliosarcoma, Hematological Tumor, Lentigo Maligna Melanoma, Liposarcoma, Lung Adenocarcinoma, Malignant Ascites, Malignant Mesothelioma, Merkel Cell Carcinoma, Metastatic Bile Duct Cancer, Metastatic Biliary Tract Cancer, Metastatic Pancreatic Cancer, Metastatic Renal Cell Carcinoma, Myelodysplastic Syndrome, Myelofibrosis,



Myeloproliferative Disorders, Neuroblastoma, Neuroendocrine Tumors,
Neuroinflammation, Non-Hodgkin Lymphoma, Non-Small Cell Lung Carcinoma,
Osteolysis, Osteosarcoma, Pancreatic Ductal Adenocarcinoma, Paraganglioma
(Glomus Jugulare Tumor), Peripheral Nerve Sheath Tumor (Neurofibrosarcoma),
Peripheral T-Cell Lymphomas (PTCL), Pheochromocytoma, Post-Polycythemia Vera
Myelofibrosis (PPV-MF), Primary Progressive Multiple Sclerosis (PPMS), Progressive
Supranuclear Palsy, Prostate Cancer, Refractory Multiple Myeloma, Relapsed Multiple
Myeloma, Relapsing Remitting Multiple Sclerosis (RRMS), Renal Failure,
Rhabdomyosarcoma, Salivary Gland Cancer, Sarcomas, Secondary Progressive
Multiple Sclerosis (SPMS), Squamous Non-Small Cell Lung Cancer, Systemic
Mastocytosis, Transitional Cell Carcinoma (Urothelial Cell Carcinoma), Unspecified,
Uveal Melanoma and Von Hippel-Lindau Syndrome.

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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1)

The report reviews Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) 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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) targeted therapeutics and enlists all their major and minor projects



The report assesses Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) 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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) 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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1)

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 Macrophage Colony Stimulating Factor 1 Receptor (CSF 1 Receptor or Proto Oncogene c Fms or CD115 or CSF1R or EC 2.7.10.1) 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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Array BioPharma Inc

BCI Pharma

Bristol-Myers Squibb Co

CrystalGenomics Inc

CTI BioPharma Corp

Deciphera Pharmaceuticals LLC

Eli Lilly and Co

Elsalys Biotech SAS

F. Hoffmann-La Roche Ltd

GigaGen Inc

Hutchison MediPharma Ltd

Ignyta Inc

Nerviano Medical Sciences Srl

Novartis AG

Pfizer Inc

Plexxikon Inc



SignalChem Lifesciences Corp

Syndax Pharmaceuticals Inc

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Mechanism Of Action

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Mechanism Of Action

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Product Description

Mechanism Of Action

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Product Description

Mechanism Of Action

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Featured News & Press Releases

Nov 21, 2017: Preclinical data published in Nature Communications shows that masitinib is capable of counteracting resistance to oncology treatments, including gemcitabine

Nov 16, 2017: Pfizer Receives FDA Approval For Sutent (Sunitinib Malate) as First and Only Adjuvant Treatment for Adult Patients at High Risk of Recurrent Renal Cell Carcinoma

Nov 13, 2017: Array BioPharma Reports Initial Results From Novel Immunotherapy Combination At The Society For Immunotherapy Of Cancer 32nd Annual Meeting Nov 11, 2017: Syndax Announces Presentation of Clinical Trial Data on Drug Candidate SNDX-6352 at Society for Immunotherapy of Cancer 32nd Annual Scientific Meeting Nov 09, 2017: Bristol-Myers Squibb and Five Prime Present Phase 1a/1b Data Evaluating Cabiralizumab (anti-CSF-1 receptor antibody) with Opdivo (nivolumab) in Patients with Advanced Solid Tumors

Nov 07, 2017: Five Prime Therapeutics to Host Conference Call on November 8 to Review Cabiralizumab Phase 1a/1b Data

Nov 07, 2017: Syndax to Present Data On Drug Candidate SNDX-6352 at SITC 32nd Annual Scientific Meeting

Oct 31, 2017: Daiichi Sankyo Announces ENLIVEN Phase 3 Study of Pexidartinib Met Primary Endpoint in Tenosynovial Giant Cell Tumor

Oct 19, 2017: Preclinical data showing protective effect of masitinib on the peripheral nervous system in ALS published in the Journal of Clinical Investigation Insight Oct 11, 2017: Five Prime Announces Cabiralizumab Phase 1a/1b Data Abstract Selected for Late Breaking Oral Presentation at the Society for Immunotherapy of Cancer 32nd Annual Meeting

Sep 28, 2017: AB Science announces that abstracts reporting on clinical and preclinical data of masitinib in the treatment of ALS, have been selected for presentation at 6 major international meetings during 2017

Sep 19, 2017: Pfizer Announces Outcome of FDA Advisory Committee Meeting for SUTENT in Patients at High Risk of Recurrent Renal Cell Carcinoma After Surgery Sep 14, 2017: AB Science announces that CHMP adopted a negative opinion for masitinib marketing authorization in indolent systemic mastocytosis after reassessment Sep 11, 2017: Ignyta Provides Update on Investigational Lung Cancer Drug RXDX-105 at ESMO 2017 Congress

Sep 07, 2017: Ignyta Announces Presentation of New Phase 1B Clinical Data on RXDX-105 in RET Fusion-Positive NSCLC at ESMO 2017 Congress

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COMPANIES MENTIONED

AB Science SA

Amgen Inc

Array BioPharma Inc

BCI Pharma

Bristol-Myers Squibb Co

CrystalGenomics Inc

CTI BioPharma Corp

Deciphera Pharmaceuticals LLC

Eli Lilly and Co

Elsalys Biotech SAS

F. Hoffmann-La Roche Ltd

GigaGen Inc

Hutchison MediPharma Ltd

Ignyta Inc

Nerviano Medical Sciences Srl

Novartis AG

Pfizer Inc

Plexxikon Inc

SignalChem Lifesciences Corp

Syndax Pharmaceuticals Inc



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