

Smoothened Homolog - Pipeline Review, H2 2019

https://marketpublishers.com/r/SE26AAE45BCCEN.html

Date: August 2019

Pages: 85

Price: US\$ 3,500.00 (Single User License)

ID: SE26AAE45BCCEN

Abstracts

Smoothened Homolog - Pipeline Review, H2 2019

SUMMARY

According to the recently published report 'Smoothened Homolog - Pipeline Review, H2 2019'; Smoothened Homolog (Protein Gx or SMO) pipeline Target constitutes close to 14 molecules. Out of which approximately 11 molecules are developed by companies and remaining by the universities/institutes.

Smoothened Homolog (Protein Gx or SMO) - Smoothened homolog (SMO) is a G protein-coupled receptor that probably associates with the patched protein (PTCH) to transduce the hedgehog's proteins signal. Binding of sonic hedgehog (SHH) to its receptor is thought to prevent normal inhibition by patched of smoothened (SMO). It is required for the accumulation of KIF7 and GLI3 in the cilia.

The report 'Smoothened Homolog - Pipeline Review, H2 2019' outlays comprehensive information on the Smoothened Homolog (Protein Gx or SMO) 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 Smoothened Homolog (Protein Gx or SMO) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Pre-Registration, Phase III, Phase II, Phase II, Preclinical and Discovery stages are 1, 1, 4, 1, 3 and 1 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 2 and 1 molecules, respectively.



Report covers products from therapy areas Oncology, Gastrointestinal, Immunology and Undisclosed which include indications Adenocarcinoma Of The Gastroesophageal Junction, Gorlin Syndrome (Basal Cell Nevus Syndrome/Nevoid Basal Cell Carcinoma Syndrome), Medulloblastoma, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Basal Cell Carcinoma (Basal Cell Epithelioma), Epithelial Ovarian Cancer, Fallopian Tube Cancer, Glioblastoma Multiforme (GBM), Peritoneal Cancer, Small-Cell Lung Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Breast Cancer, Chronic Myelomonocytic Leukemia (CMML), Cirrhosis, Colon Cancer, Colorectal Cancer, Esophageal Cancer, Graft Versus Host Disease (GVHD), Leukemia, Lung Cancer, Metastatic Adenocarcinoma of The Pancreas, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Myelodysplastic Syndrome, Neuroendocrine Cancer, Non-Small Cell Lung Cancer, Post-Essential Thrombocythemia Myelofibrosis (Post-ET MF), Post-Polycythemia Vera Myelofibrosis (PPV-MF), Prostate Cancer, Refractory Multiple Myeloma, Relapsed Multiple Myeloma, Triple-Negative Breast Cancer (TNBC) 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 Smoothened Homolog (Protein Gx or SMO)

The report reviews Smoothened Homolog (Protein Gx or SMO) 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 Smoothened Homolog (Protein Gx or SMO) targeted therapeutics and enlists all their major and minor projects



The report assesses Smoothened Homolog (Protein Gx or SMO) 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 Smoothened Homolog (Protein Gx or SMO) 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 Smoothened Homolog (Protein Gx or SMO)

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 Smoothened Homolog (Protein Gx or SMO) 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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Development

AlfaSigma SpA

F. Hoffmann-La Roche Ltd

Genentech Inc

Guangdong Zhongsheng Pharmaceutical Co Ltd

IMPACT Therapeutics Inc

Mayne Pharma Group Ltd

PellePharm Inc

Pfizer Inc

Sun Pharma Advanced Research Company Ltd

Smoothened Homolog (Protein Gx or SMO) - Drug Profiles

glasdegib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

GSA-10 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

GT-1708 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress



IMP-5471 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

itraconazole - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

patidegib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Antagonize SMO for Colon Cancer and Medulloblastoma - Drug

Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Target SMO and HDAC for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Antagonize SMO for Colorectal Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit Smoothened Homolog for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

sonidegib phosphate - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

taladegib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

vismodegib - Drug Profile

Product Description



Mechanism Of Action

R&D Progress

ZSP-1602 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Products under Development by Companies, H2 2019

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Products under Investigation by Universities/Institutes, H2 2019

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Pipeline by F. Hoffmann-La Roche Ltd, H2 2019

Pipeline by Genentech Inc, H2 2019

Pipeline by Guangdong Zhongsheng Pharmaceutical Co Ltd, H2 2019

Pipeline by IMPACT Therapeutics Inc, H2 2019

Pipeline by Mayne Pharma Group Ltd, H2 2019

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COMPANIES MENTIONED

AlfaSigma SpA

F. Hoffmann-La Roche Ltd

Genentech Inc

Guangdong Zhongsheng Pharmaceutical Co Ltd

IMPACT Therapeutics Inc

Mayne Pharma Group Ltd

PellePharm Inc

Pfizer Inc

Sun Pharma Advanced Research Company Ltd



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