

Receptor Tyrosine Protein Kinase ERBB 4 - Pipeline Review, H2 2019

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Abstracts

Receptor Tyrosine Protein Kinase ERBB 4 - Pipeline Review, H2 2019

SUMMARY

According to the recently published report 'Receptor Tyrosine Protein Kinase ERBB 4 - Pipeline Review, H2 2019'; Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 or EC 2.7.10.1) pipeline Target constitutes close to 17 molecules. Out of which approximately 16 molecules are developed by companies and remaining by the universities/institutes.

Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 or EC 2.7.10.1) - Receptor tyrosine-protein kinase erbB-4 is an enzyme that in humans is encoded by the ERBB4 gene. Receptor tyrosine-protein kinase erbB-4 is a receptor tyrosine kinase that is a member of the epidermal growth factor receptor subfamily. It plays an essential role as cell surface receptor for neuregulins and EGF family members and regulates development of the heart, the central nervous system and the mammary gland, gene transcription, cell proliferation, differentiation, migration and apoptosis. It is required for normal cardiac muscle differentiation during embryonic development, and for postnatal cardiomyocyte proliferation, normal development of the embryonic central nervous system, especially for normal neural crest cell migration, normal axon guidance, mammary gland differentiation, induction of milk proteins and lactation. It acts as cell-surface receptor for the neuregulins NRG1, NRG2, NRG3 and NRG4 and the EGF family members BTC, EREG and HBEGF. Ligand binding triggers receptor dimerization and autophosphorylation at specific tyrosine residues that then

serve as binding sites for scaffold proteins and effectors.

The report 'Receptor Tyrosine Protein Kinase ERBB 4 - Pipeline Review, H2 2019' outlays comprehensive information on the Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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 Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 2, 2, 4, 4, 3 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively.

Report covers products from therapy areas Oncology, Cardiovascular, Central Nervous System, Gastrointestinal and Hematological Disorders which include indications Breast Cancer, Gastric Cancer, Non-Small Cell Lung Cancer, Metastatic Breast Cancer, Colorectal Cancer, Esophageal Cancer, Ovarian Cancer, Solid Tumor, Bile Duct Cancer (Cholangiocarcinoma), Esophageal Squamous Cell Carcinoma (ESCC), Gallbladder Cancer, Glioblastoma Multiforme (GBM), Head And Neck Cancer, High-Grade Glioma, Pancreatic Cancer, Adenocarcinoma, Anaplastic Astrocytoma, Anaplastic Oligoastrocytoma, Bladder Cancer, Carcinoma of Unknown Primary (Occult Primary Tumor/Cancer of Unknown Primary), Cervical Cancer, Chordoma, Chronic Heart Failure, Crohn's Disease (Regional Enteritis), Diastolic Heart Failure, Endometrial Cancer, Ependymoma, Fanconi Anemia, Gastroesophageal (GE) Junction Carcinomas, Head And Neck Cancer Squamous Cell Carcinoma, Hypopharyngeal Cancer, Laryngeal Cancer, Leptomeningeal Disease (Neoplastic Meningitis, Leptomeningeal Carcinomatosis), Low-Grade Astrocytoma, Lung Adenocarcinoma, Lung Cancer, Medulloblastoma, Meningioma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Biliary Tract Cancer, Metastatic Brain Tumor, Metastatic Colorectal Cancer, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Pancreatic Cancer, Metastatic Transitional (Urothelial) Tract Cancer, Necrotizing Enterocolitis, Neuroblastoma, Non-Small Cell Lung Carcinoma, Oligodendroglioma, Oral Cavity (Mouth) Cancer, Oropharyngeal Cancer, Papillary Thyroid Cancer, Paranasal Sinus And Nasal Cavity Cancer, Parkinson's Disease, Pediatric Diffuse Intrinsic Pontine Glioma, Pituitary

Tumor, Primitive Neuroectodermal Tumor (PNET), Recurrent Glioblastoma Multiforme (GBM), Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Rhabdomyosarcoma, Sarcomas, Stroke, Systolic Heart Failure, Ulcerative Colitis, Urinary Tract Cancer and Uterine Cancer.

SCOPE

The report provides a snapshot of the global therapeutic landscape for Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 or EC 2.7.10.1)

The report reviews Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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 Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 or EC 2.7.10.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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 Receptor Tyrosine Protein

Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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 Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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 Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 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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Avexegen Therapeutics Inc

Boehringer Ingelheim International GmbH

Hanmi Pharmaceuticals Co Ltd

HEC Pharm Co Ltd

Jiangsu Kanion Pharmaceutical Co Ltd

Minerva Neurosciences Inc

Pfizer Inc

Puma Biotechnology Inc

XuanZhu Pharma Co Ltd

Yumab GmbH

Zensun (Shanghai) Sci & Tech Co Ltd

Receptor Tyrosine Protein Kinase ERBB 4 (Tyrosine Kinase Type Cell Surface Receptor HER4 or Proto Oncogene Like Protein c ErbB 4 or p180erbB4 or HER4 or ERBB4 or EC 2.7.10.1) - Drug Profiles

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COMPANIES MENTIONED

Aslan Pharmaceuticals Ltd
Avexegen Therapeutics Inc
Boehringer Ingelheim International GmbH
Hanmi Pharmaceuticals Co Ltd
HEC Pharm Co Ltd
Jiangsu Kanion Pharmaceutical Co Ltd
Minerva Neurosciences Inc
Pfizer Inc
Puma Biotechnology Inc
XuanZhu Pharma Co Ltd
Yumab GmbH
Zensun (Shanghai) Sci & Tech Co Ltd

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