

High Affinity Nerve Growth Factor Receptor - Pipeline Review, H1 2020

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Abstracts

High Affinity Nerve Growth Factor Receptor - Pipeline Review, H1 2020

SUMMARY

High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1) - Tropomyosin receptor kinase A or high affinity nerve growth factor receptor is a protein encoded by the NTRK1 gene. High affinity receptor for NGF bind and be activated by NTF3/neurotrophin-3. Upon dimeric NGF ligand-binding undergoes homodimerization, autophosphorylation and activation. It phosphorylates and/or activates several downstream effectors including SHC1, FRS2, SH2B1, SH2B2 and PLCG1 that regulate distinct overlapping signaling cascades driving cell survival and differentiation.

High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1) pipeline Target constitutes close to 24 molecules. Out of which approximately 22 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, 2, 5, 5, 8 and 1 respectively. Similarly, the universities portfolio in IND/CTA Filed and Preclinical stages comprises 1 and 1 molecules, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Immunology, Ophthalmology, Dermatology, Gastrointestinal, Genetic Disorders and Metabolic Disorders which include indications Non-Small Cell Lung Cancer, Pancreatic Cancer, Alzheimer's Disease, Colorectal Cancer, Pain, Solid Tumor,



Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Amyotrophic Lateral Sclerosis, Bile Duct Cancer (Cholangiocarcinoma), Breast Cancer, Central Nervous System (CNS) Tumor, Colon Cancer, Fibrosarcoma, Inflammatory Pain, Keratoconjunctivitis Sicca (Dry Eye), Kidney Cancer (Renal Cell Cancer), Neuroblastoma, Osteoarthritis Pain, Papillary Thyroid Cancer, Pruritus, Salivary Gland Cancer, Sleep Disorders, Thymic Carcinoma, Traumatic Brain Injury, Triple-Negative Breast Cancer (TNBC), Anaplastic Large Cell Lymphoma (ALCL), Astrocytoma, Atopic Dermatitis (Atopic Eczema), Basal Cell Carcinoma (Basal Cell Epithelioma), Biliary Tumor, Bladder Cancer, Brain Cancer, Cervical Cancer, Diabetic Retinopathy, Gastric Cancer, Gastrointestinal Stromal Tumor (GIST), Glioma, Head And Neck Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Hepatocellular Carcinoma, Hormone Sensitive Breast Cancer, Inflammation, Inflammatory Bowel Disease, Leptomeningeal Disease (Neoplastic Meningitis, Leptomeningeal Carcinomatosis), Letterer-Siwe Disease (Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis), Liver Cancer, Low Back Pain, Lymphoma, Melanoma, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Melanoma, Metastatic Pancreatic Cancer, Multiple Myeloma (Kahler Disease), Multiple Sclerosis, Neuroendocrine Tumors, Neuropathic Pain (Neuralgia), Non-Hodgkin Lymphoma, Non-Small Cell Lung Carcinoma, Open-Angle Glaucoma, Ovarian Cancer, Pediatric Diffuse Intrinsic Pontine Glioma, Plaque Psoriasis (Psoriasis Vulgaris), Psoriasis, Renal Cell Carcinoma, Retinitis Pigmentosa (Retinitis), Sarcomas, Soft Tissue Sarcoma, Squamous Cell Carcinoma, Synovial Sarcoma, Thymoma (Thymic Epithelial Tumor) and Thyroid Cancer.

The latest report High Affinity Nerve Growth Factor Receptor - Pipeline Review, H1 2020, outlays comprehensive information on the High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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. It also reviews key players involved in High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1) 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. Drug

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 High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1)

The report reviews High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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 High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1) targeted therapeutics and enlists all their major and minor projects

The report assesses High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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 High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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 High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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 High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 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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Allergan Plc

AlzeCure Pharma AB

AnHeart Therapeutics Inc

Bayer AG

Chugai Pharmaceutical Co Ltd

Dompe Farmaceutici SpA

F. Hoffmann-La Roche Ltd

Handok Inc

Merck & Co Inc

Neurodegeneration Therapeutics Inc

Oncology Venture A/S



Pfizer Inc

Purdue Pharma LP

Rottapharm Biotech Srl

Sienna Biopharmaceuticals Inc

Tiziana Life Sciences Plc

High Affinity Nerve Growth Factor Receptor (Neurotrophic Tyrosine Kinase Receptor Type 1 or TRK1 Transforming Tyrosine Kinase Protein or Tropomyosin Related Kinase A or Tyrosine Kinase Receptor or gp140trk or p140 TrkA or NTRK1 or EC 2.7.10.1) -

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AlzeCure Pharma AB

AnHeart Therapeutics Inc

Bayer AG

Chugai Pharmaceutical Co Ltd

Dompe Farmaceutici SpA

F. Hoffmann-La Roche Ltd

Handok Inc.

Merck & Co Inc

Neurodegeneration Therapeutics Inc

Oncology Venture A/S

Pfizer Inc

Purdue Pharma LP

Rottapharm Biotech Srl

Sienna Biopharmaceuticals Inc

Tiziana Life Sciences Plc



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