

Nuclear Factor Erythroid 2 Related Factor 2 - Pipeline Review, H1 2020

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Abstracts

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SUMMARY

Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) - Nuclear factor (erythroid-derived 2)-like 2 or Nrf2 is a transcription factor encoded by the NFE2L2 gene. It binds to antioxidant response elements in the promoter regions of target genes. It is important for the coordinated upregulation of genes in response to oxidative stress. It is involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region.

Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) pipeline Target constitutes close to 39 molecules. Out of which approximately 33 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 3, 4, 5, 20 and 1 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 5 and 1 molecules, respectively. Report covers products from therapy areas Central Nervous System, Immunology, Oncology, Metabolic Disorders, Cardiovascular, Gastrointestinal, Genetic Disorders, Musculoskeletal Disorders, Ophthalmology, Respiratory, Dermatology, Genito Urinary System And Sex Hormones, Hematological Disorders, Infectious Disease and Toxicology which include indications Multiple Sclerosis, Psoriasis, Diabetic Nephropathy, Chronic Obstructive Pulmonary Disease (COPD), Pulmonary Arterial Hypertension, Systemic Sclerosis (Scleroderma), Chronic Kidney



Disease (Chronic Renal Failure), Friedreich Ataxia, Huntington Disease, Mitochondrial Myopathy, Non-Alcoholic Steatohepatitis (NASH), Osteoarthritis, Relapsing Remitting Multiple Sclerosis (RRMS), Retinal Degeneration, Type 2 Diabetes, Acne Vulgaris, Adrenoleukodystrophy (Adrenomyeloneuropathy/Schilder-Addison Complex), Age Related Macular Degeneration, Alport Syndrome, Alzheimer's Disease, Amyotrophic Lateral Sclerosis, Asbestosis, Aspiration Pneumonitis, Asthma, Atherosclerosis, Breast Cancer, Bullous Pemphigoid, Cardiomyopathy, Cerebral Vasospasm, Chagas Disease (American Trypanosomiasis), Diabetic Complications, Diffuse Large B-Cell Lymphoma, Duchenne Muscular Dystrophy, Encephalomyelitis, Focal Segmental Glomerulosclerosis (FSGS), Glioblastoma Multiforme (GBM), Idiopathic Pulmonary Fibrosis, Idiopathic Pulmonary Hypertension, IgA Nephropathy (Berger's Disease), Inflammation, Ischemia Reperfusion Injury, Ischemic Stroke, Keloids, Kennedy's Disease (Spinal and Bulbar Muscular Atrophy), Leber's Hereditary Optic Neuropathy (Leber Optic Atrophy), Lung Injury, Medulloblastoma, Metastatic Breast Cancer, Metastatic Melanoma, Neuroblastoma, Neurodegenerative Diseases, Non Alcoholic Fatty Liver Disease (NAFLD), Non-Hodgkin Lymphoma, Non-Small Cell Lung Cancer, Osteoarthritis Pain, Osteoporosis, Ovarian Cancer, Parkinson's Disease, Pervasive Developmental Disorder (PDD), Plague Psoriasis (Psoriasis Vulgaris), Polycystic Kidney Disease, Post-Myocardial Infarction, Primary Progressive Multiple Sclerosis (PPMS), Prostate Cancer, Pulmonary Hypertension, Radiodermatitis, Refractory Medulloblastoma, Retinopathy, Sickle Cell Disease, Spinocerebellar Ataxia (SCA), Subacute Necrotizing Encephalomyelopathy (Leigh Disease), Type 1 Diabetes (Juvenile Diabetes) and Ulcerative Colitis.

The latest report Nuclear Factor Erythroid 2 Related Factor 2 - Pipeline Review, H1 2020, outlays comprehensive information on the Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) 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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid 2 Related Therapeutics development with respective 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.

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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2)

The report reviews Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) 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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) targeted therapeutics and enlists all their major and minor projects

The report assesses Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) 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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) 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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2)

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 Nuclear Factor Erythroid 2 Related Factor 2 (HEBP1 or Nuclear Factor Erythroid Derived 2 Like 2 or NFE2L2) 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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COMPANIES MENTIONED

AKL Research and Development Ltd Allianz Pharmascience Ltd Arbor Pharmaceuticals LLC Bach Pharma Inc **Bayer AG** BioApex sro Biogen Inc C4X Discovery Holdings Plc Cureveda LLC Daiichi Sankyo Co Ltd Evgen Pharma Plc Immungenetics AG **Ixchel Pharma LLC** Jiangsu Hengrui Medicine Co Ltd Lignamed LLC Mochida Pharmaceutical Co Ltd Reata Pharmaceuticals Inc **Rescue Therapeutics Inc** Scohia Pharma Inc Sulfateq BV V Clinbio LLC Vitalis LLC vTv Therapeutics Inc



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