

NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) - Pipeline Review, H1 2018

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Abstracts

NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) - Pipeline Review, H1 2018

SUMMARY

NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) - NADPH oxidase 4 is an enzyme belonging to NOX family of NADPH oxidases. NADPH Oxidase 4 is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of molecular oxygen to various reactive oxygen species. So formed ROS have been implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth.

NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) pipeline Target constitutes close to 6 molecules. The molecules developed by companies in Phase II, Phase I and Preclinical stages are 1, 1 and 4 respectively.

Report covers products from therapy areas Cardiovascular, Metabolic Disorders, Oncology, Respiratory, Gastrointestinal, Immunology, Toxicology and Undisclosed which include indications Idiopathic Pulmonary Fibrosis, Acute Ischemic Stroke, Atherosclerosis, Chlorine Poisoning, Diabetic Complications, Diabetic Nephropathy,

Ischemia Reperfusion Injury, Liver Fibrosis, Lung Cancer, Mustard Gas (Sulfur Mustard) Poisoning, Nerve Gas Poisoning, Non-Alcoholic Steatohepatitis (NASH), Primary Biliary Cirrhosis, Prostate Cancer, Pulmonary Radiation Toxicity, Systemic Sclerosis (Scleroderma), Type 2 Diabetes and Unspecified.

The latest report NADPH Oxidase 4 - Pipeline Review, H1 2018, outlays comprehensive information on the NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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.

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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.)

The report reviews NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) targeted therapeutics and enlists all their major and minor projects

The report assesses NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.)

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 NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) 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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Aeolus Pharmaceuticals Inc

GenKyoTex SA

Glucox Biotech AB

NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) - Drug Profiles
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Featured News & Press Releases

Oct 26, 2017: Genkyotex Provides Business Update For Q3 2017

Sep 20, 2017: Aeolus Announces Publication of Data Demonstrating that Adding AEOL 10150 to Standard Therapy after Nerve Agent Exposure Improves Survival and Reduces Brain Damage and Nerve Inflammation in Rats

Aug 03, 2017: Genkyotex's GKT831 Shown to Delay Tumor Growth in Multiple Preclinical Models by Targeting Cancer Associated Fibroblasts

Jun 27, 2017: Genkyotex Initiates Patient Enrollment into Phase 2 Trial of GKT831 in Primary Biliary Cholangitis

Jun 08, 2017: Aeolus Announces FDA Fast Track Designation Granted to AEOL 10150 for Treatment of Patients with Lung Acute Radiation Syndrome Following a Radiological or Nuclear Event

May 02, 2017: Genkyotex Announces FDA Approval of IND for Phase 2 Trial of GKT831 in Patients with Primary Biliary Cholangitis

Mar 23, 2017: Aeolus Receives BARDA Decision Regarding Additional Options for Lung ARS Development Contract; Files Response to Assertions Made by BARDA in the Notification

Feb 22, 2017: Aeolus Initiates Phase 1 Study of AEOL 10150 in Healthy Normal

Volunteers

Feb 17, 2017: Aeolus Announces First Quarter 2017 Financial Results

Sep 19, 2016: Aeolus Announces Publication of Additional Data Demonstrating Efficacy of AEOL 10150 in Sulfur Mustard Exposure in Journal "Toxicological Sciences"

Sep 06, 2016: Aeolus Announces Positive Data Confirming Efficacy of AEOL 10150 as a Medical Countermeasure against Sulfur Mustard Gas

May 23, 2016: Aeolus Pharmaceuticals to Present at LD Micro Invitational Conference

Feb 22, 2016: Aeolus Announces Removal of FDA Clinical Hold on AEOL 10150;

Initiation of Phase 1 Study in Healthy Volunteers Planned for 2nd Quarter 2016

Nov 11, 2015: Genkyotex's GKT137831 Granted Orphan Drug Designation in the US and EU for the Treatment of Systemic Sclerosis

Nov 04, 2015: Aeolus Announces Formation of Pulmonary Fibrosis Clinical Advisory Board

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COMPANIES MENTIONED

Aeolus Pharmaceuticals Inc

GenKyoTex SA

Glucox Biotech AB

I would like to order

Product name: NADPH Oxidase 4 (Kidney Oxidase 1 or KOX1 or Kidney Superoxide Producing NADPH Oxidase or Renal NAD(P)H Oxidase or NOX4 or EC 1.6.3.) - Pipeline Review, H1 2018

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