

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, H2 2018

<https://marketpublishers.com/r/N043058741AEN.html>

Date: October 2018

Pages: 62

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

ID: N043058741AEN

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, H2 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.) pipeline Target constitutes close to 6 molecules. The latest report NADPH Oxidase 4 - Pipeline Review, H2 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.

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.

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, Genito Urinary System And Sex Hormones, Immunology, Toxicology and Undisclosed which include indications Idiopathic Pulmonary Fibrosis, Prostate Cancer, Acute Ischemic Stroke, Atherosclerosis, Chlorine Poisoning, Diabetic Complications, Diabetic Nephropathy, Ischemia Reperfusion Injury, Kidney Fibrosis, Liver Fibrosis, Lung Cancer, Mustard Gas (Sulfur Mustard) Poisoning, Nerve Gas Poisoning, Non-Alcoholic Steatohepatitis (NASH), Primary Biliary Cirrhosis, Pulmonary Radiation Toxicity, Systemic Sclerosis (Scleroderma), Type 2 Diabetes and Unspecified.

Furthermore, this report 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. Driven by 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

Contents

Introduction

Global Markets Direct Report Coverage

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.) - Overview

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.) - Therapeutics Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

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.) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

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.) - Companies Involved in Therapeutics Development

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
AEOL-10150 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Antisense Oligonucleotides to Inhibit NOX4 for Unspecified Indication - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

GKT-831 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit NOX-4 for Acute Ischemic Stroke - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit NOX-4 for Diabetes - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit NOX4 and NOX2 for Ischemia Reperfusion Injury - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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.) - Dormant Products

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.) - Discontinued Products

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.) - Product

Development Milestones

Featured News & Press Releases

Oct 08, 2018: Preclinical Efficacy of Genkyotex's GKT831 in Prostate Cancer Presented at ESUR18 Meeting

Sep 26, 2018: Genkyotex exceeds patient enrollment target in its phase 2 trial with GKT831 for primary Biliary Cholangitis

Sep 03, 2018: Genkyotex Announces Positive Outcome from the Second Independent SMB Review of the Phase 2 Trial of GKT831 in Primary Biliary Cholangitis

Aug 27, 2018: Genkyotex announces completion of enrollment in interim analysis cohort of phase 2 trial of GKT831 in primary biliary cholangitis

Aug 02, 2018: US NIH awards grant for Phase II trial of GKT831 to treat IPF

Jul 25, 2018: Genkyotex provides update on PBC Phase 2 trial and reports June 30, 2018, cash position

May 07, 2018: Genkyotex Announces Positive Outcome from Independent SMB's First Pre-Planned Review of GKT831's Phase 2 Trial in Primary Biliary Cholangitis

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

Appendix

Methodology

Coverage

Secondary Research

Primary Research

Expert Panel Validation

Contact Us

Disclaimer

List Of Tables

LIST OF TABLES

Number of Products under Development by Stage of Development, H2 2018
Number of Products under Development by Therapy Areas, H2 2018
Number of Products under Development by Indication, H2 2018
Number of Products under Development by Companies, H2 2018
Products under Development by Companies, H2 2018
Products under Development by Companies, H2 2018 (Contd.1), H2 2018
Number of Products by Stage and Mechanism of Actions, H2 2018
Number of Products by Stage and Route of Administration, H2 2018
Number of Products by Stage and Molecule Type, H2 2018
Pipeline by Aeolus Pharmaceuticals Inc, H2 2018
Pipeline by GenKyoTex SA, H2 2018
Pipeline by Glucox Biotech AB, H2 2018
Dormant Projects, H2 2018
Discontinued Products, H2 2018

List Of Figures

LIST OF FIGURES

Number of Products under Development by Stage of Development, H2 2018

Number of Products under Development by Therapy Areas, H2 2018

Number of Products under Development by Top 10 Indications, H2 2018

Number of Products by Stage and Mechanism of Actions, H2 2018

Number of Products by Routes of Administration, H2 2018

Number of Products by Stage and Routes of Administration, H2 2018

Number of Products by Molecule Types, H2 2018

Number of Products by Stage and Molecule Types, H2 2018

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, H2 2018

Product link: <https://marketpublishers.com/r/N043058741AEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N043058741AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

