

# Phenylalanine 4 Hydroxylase - Pipeline Review, H2 2020

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## Abstracts

Phenylalanine 4 Hydroxylase - Pipeline Review, H2 2020

### SUMMARY

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) pipeline Target constitutes close to 8 molecules. The latest report Phenylalanine 4 Hydroxylase - Pipeline Review, H2 2020, outlays comprehensive information on the Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) - Phenylalanine 4 hydroxylase or Phenylalanine hydroxylase (PAH) is an enzyme that catalyzes the hydroxylation of the aromatic side-chain of phenylalanine to generate tyrosine. The enzyme works with a molecule called tetrahydrobiopterin (BH4) to carry out this chemical reaction. Tyrosine is used to make several types of hormones, certain chemicals that transmit signals in the brain (neurotransmitters), and a pigment called melanin, which gives hair and skin their color. The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 2, 1, 4 and 1 respectively. Report covers products from therapy areas Metabolic Disorders which include indications Phenylketonuria (PKU) and Phenylalanine Hydroxylase Deficiencies. Furthermore, this report also reviews key players involved in Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) 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 Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1)

The report reviews Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) 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 Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) 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 Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) 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 Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1)

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 Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) 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

## Contents

Introduction

Global Markets Direct Report Coverage

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -  
Overview

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -  
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

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -  
Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -

Companies Involved in Therapeutics Development

American Gene Technologies International Inc

BioMarin Pharmaceutical Inc

Homology Medicines Inc

Moderna Inc

Nestle Health Science SA

Pluvia AS

Vera Therapeutics Inc

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) - Drug  
Profiles

AGT-324 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BMN-307 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

CDX-6114 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -

Dormant Products

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -

Discontinued Products

Phenylalanine 4 Hydroxylase (Phe 4 Monooxygenase or PAH or EC 1.14.16.1) -

Product Development Milestones

Featured News & Press Releases

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 2020

Number of Products under Development by Therapy Areas, H2 2020

Number of Products under Development by Indication, H2 2020

Number of Products under Development by Companies, H2 2020

Products under Development by Companies, H2 2020

Number of Products by Stage and Mechanism of Actions, H2 2020

Number of Products by Stage and Route of Administration, H2 2020

Number of Products by Stage and Molecule Type, H2 2020

Pipeline by American Gene Technologies International Inc, H2 2020

Pipeline by BioMarin Pharmaceutical Inc, H2 2020

Pipeline by Homology Medicines Inc, H2 2020

Pipeline by Moderna Inc, H2 2020

Pipeline by Nestle Health Science SA, H2 2020

Pipeline by Pluvia AS, H2 2020

Pipeline by Vera Therapeutics Inc, H2 2020

Dormant Projects, H2 2020

Discontinued Products, H2 2020

## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H2 2020  
Number of Products under Development by Top 10 Indications, H2 2020  
Number of Products by Mechanism of Actions, H2 2020  
Number of Products by Stage and Mechanism of Actions, H2 2020  
Number of Products by Top 10 Routes of Administration, H2 2020  
Number of Products by Stage and Top 10 Routes of Administration, H2 2020  
Number of Products by Top 10 Molecule Types, H2 2020  
Number of Products by Stage and Top 10 Molecule Types, H2 2020

### COMPANIES MENTIONED

American Gene Technologies International Inc  
BioMarin Pharmaceutical Inc  
Homology Medicines Inc  
Moderna Inc  
Nestle Health Science SA  
Pluvia AS  
Vera Therapeutics Inc

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