

# Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) - Pipeline Review, H1 2018

<https://marketpublishers.com/r/T763D120AB2EN.html>

Date: March 2018

Pages: 51

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

ID: T763D120AB2EN

## Abstracts

Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) - Pipeline Review, H1 2018

### SUMMARY

Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) - Tyrosine-protein phosphatase non-receptor type 1 also known as protein-tyrosine phosphatase 1B (PTP1B) is an enzyme encoded by the PTPN1 gene.

It acts as a regulator of endoplasmic reticulum unfolded protein response. It plays an important role in CKII and p60c-src-induced signal transduction cascades. It regulates the EFNA5-EPHA3 signaling pathway which modulates cell reorganization and cell-cell repulsion. It mediates dephosphorylation of EIF2AK3/PERK, inactivating the protein kinase activity of EIF2AK3/PERK. It regulates the hepatocyte growth factor receptor signaling pathway through dephosphorylation of MET.

Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) pipeline Target constitutes close to 13 molecules. Out of which approximately 7 molecules are developed by companies and remaining by the universities/institutes.

The molecules developed by companies in Phase I, Preclinical and Discovery stages are 2, 2 and 3 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 2 and 4 molecules, respectively. Report covers products from therapy areas Metabolic Disorders, Oncology and Central Nervous System which include indications Type 2 Diabetes, Obesity, Diabetes, Breast Cancer, Metastatic Breast Cancer and Rett Syndrome.

The latest report Tyrosine Protein Phosphatase Non Receptor Type 1 - Pipeline Review, H1 2018, outlays comprehensive information on the Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48)

The report reviews Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) targeted therapeutics and enlists all their major and minor projects

The report assesses Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48)

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 Tyrosine Protein Phosphatase Non Receptor Type 1 (Protein Tyrosine Phosphatase 1B or Protein Tyrosine Phosphatase Placental or PTP1B or PTPN1 or EC 3.1.3.48) 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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May 27, 2014: DepYmed Announces Validation of Trodusquemine as a Therapeutic Candidate for HER2-positive Breast Cancer

Jul 10, 2013: Local foundation raises \$15,000 for breast cancer research at Cold Spring Harbor Laboratory

Sep 29, 2011: Powerful antibody-based strategy suggests a new therapeutic approach to diabetes and obesity

Feb 10, 2009: Genaera Presents Preliminary Phase 1b Data For Trodusquemine (MSI-1436)

Jan 22, 2009: Genaera Presents Promising Preclinical Data For Trodusquemine (MSI-1436) At Keystone Symposia

Dec 01, 2008: Genaera Begins Phase 1b Trial of Trodusquemine (MSI-1436) In Overweight And Obese Type 2 Diabetics

Oct 06, 2008: Genaera Corporation Reports Phase 1 Data For Trodusquemine (MSI-1436) At The North American Association For The Study Of Obesity Annual Meeting

Jul 25, 2008: Genaera Releases Phase 1 Data and New Preclinical Data On The CNS Function Of Trodusquemine (MSI-1436) At CBI Obesity Summit

Jul 14, 2008: Genaera Corporation Presents Data on Mechanism Of Inhibition Of PTP-1B For Trodusquemine (MSI-1436) At Federation Of American Societies For Experimental Biology (FASEB) Meeting

Jun 09, 2008: Genaera Corporation Presents Additional Promising Preclinical Type 2 Diabetes Data For Trodusquemine (MSI-1436) At American Diabetes Association

Mar 28, 2008: Genaera Corporation Announces MSI-1436 Data Presented At Society Of Neuroscience Meeting

Jan 24, 2008: Genaera Corporation Presents Promising Preclinical Type 2 Diabetes Data for Trodusquemine (MSI-1436) At Keystone Symposia

Oct 23, 2007: Genaera Corporation Presents Phase 1 Data For Trodusquemine (MSI-1436) At The North American Association For The Study Of Obesity Annual Meeting

Oct 23, 2007: Genaera Corporation Presents Preclinical Trodusquemine (MSI-1436) Data at the North American Association For The Study Of Obesity Annual Meeting

Sep 10, 2007: Genaera Announces Formation Of Scientific Advisory Board For Obesity Drug Candidate Trodusquemine (MSI-1436)

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### COMPANIES MENTIONED

Warp Drive Bio Inc

## I would like to order

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