

# **P2X Purinoceptor 3 (P2RX3) - Pipeline Review, H2 2019**

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## **Abstracts**

P2X Purinoceptor 3 (P2RX3) - Pipeline Review, H2 2019

### **SUMMARY**

According to the recently published report 'P2X Purinoceptor 3 (P2RX3) - Pipeline Review, H2 2019'; P2X Purinoceptor 3 (P2RX3) pipeline Target constitutes close to 14 molecules. Out of which approximately 12 molecules are developed by companies and remaining by the universities/institutes.

P2X Purinoceptor 3 (P2RX3) - P2X purinoceptor 3 is a protein encoded by the P2RX3 gene. It belongs to the family of purinoceptors. This receptor functions as a ligand-gated ion channel and transduce ATP-evoked nociceptor activation. This receptor is important for peripheral pain responses, and also participates in pathways controlling urinary bladder volume reflexes.

The report 'P2X Purinoceptor 3 (P2RX3) - Pipeline Review, H2 2019' outlays comprehensive information on the P2X Purinoceptor 3 (P2RX3) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in P2X Purinoceptor 3 (P2RX3) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Preclinical and Discovery stages are 1, 4, 4 and 3 respectively. Similarly, the universities portfolio in Phase II and Preclinical stages comprises 1 and 1 molecules, respectively.

Report covers products from therapy areas Central Nervous System, Respiratory, Women's Health, Dermatology and Ophthalmology which include indications Chronic Cough, Pain, Neuropathic Pain (Neuralgia), Visceral Pain, Endometriosis, Inflammatory Pain, Alzheimer's Disease, Cough, Insomnia, Interstitial Cystitis (Painful Bladder Syndrome/Bladder Pain Syndrome), Obstructive Sleep Apnea, Ocular Hypertension, Open-Angle Glaucoma, Osteoarthritis Pain and Pruritus.

**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 P2X Purinoceptor 3 (P2RX3)

The report reviews P2X Purinoceptor 3 (P2RX3) 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 P2X Purinoceptor 3 (P2RX3) targeted therapeutics and enlists all their major and minor projects

The report assesses P2X Purinoceptor 3 (P2RX3) 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 P2X Purinoceptor 3 (P2RX3) 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 P2X Purinoceptor 3 (P2RX3)

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 P2X Purinoceptor 3 (P2RX3) 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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Bayer AG

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Integral Molecular Inc

Merck & Co Inc

Neurim Pharmaceuticals Ltd

Ossianix Inc

Pfizer Inc

Shionogi & Co Ltd

P2X Purinoceptor 3 (P2RX3) - Drug Profiles

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Mechanism Of Action

R&D Progress

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Featured News & Press Releases

Aug 26, 2019: BELLUS Health strengthens leadership team with appointment of Dr. Catherine Bonuccelli, MD as Chief Medical Officer

Jul 31, 2019: Bellus Health starts recruitment in Phase II chronic cough trial

Jul 25, 2019: Evotec SE: P2X3 antagonist demonstrates efficacy against refractory chronic cough in Phase II (POC)

Jul 25, 2019: Positive Phase II data for P2X3 antagonist in patients with refractory chronic cough

Jul 15, 2019: BELLUS Health convenes KOL meeting to discuss the state of chronic cough treatment

May 21, 2019: BELLUS Health presents Phase 1 data for BLU-5937, its lead product candidate for the treatment of refractory chronic cough, at the American Thoracic Society International Conference

May 15, 2019: BELLUS Health to present at three upcoming healthcare investor conferences

May 08, 2019: BELLUS Health provides update on its chronic cough drug candidate BLU-5937

Apr 04, 2019: BELLUS Health to Present at Two Upcoming Healthcare Investor Conferences

Apr 03, 2019: BELLUS Health announces clearance of U.S. IND for BLU-5937 phase 2 study in chronic cough patients

Dec 12, 2018: Altasciences Contributes to Positive Top-Line Phase 1 Results for Chronic Cough Drug Candidate

Nov 14, 2018: BELLUS Health updates BLU-5937 top-line phase 1 results timeline to November 2018

Oct 31, 2018: Bellus health announces issuance of new U.S. patent claiming P2X3 selectivity as a means of minimizing taste effects for its lead chronic cough drug candidate BLU-5937

Sep 25, 2018: BELLUS Health announces appointment of clinical advisory board

Jul 19, 2018: BELLUS Health Announces Patent Protection Secured in All Major Pharmaceutical Markets for Lead Drug Candidate BLU-5937

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### COMPANIES MENTIONED

Bayer AG

Beijing Tide Pharmaceutical Co Ltd

Integral Molecular Inc

Merck & Co Inc

Neurim Pharmaceuticals Ltd

Ossianix Inc

Pfizer Inc

Shionogi & Co Ltd

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