

# Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Pipeline Review, H1 2018

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## **Abstracts**

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Pipeline Review, H1 2018

#### SUMMARY

According to the recently published report 'Orexin Receptor Type 2 - Pipeline Review, H1 2018'; Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) pipeline Target constitutes close to 13 molecules. Out of which approximately 12 molecules are developed by companies and remaining by the universities/institutes.

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Orexin receptor type 2 (Ox2R or OX2) also known as hypocretin receptor type 2, is a protein that is encoded by the HCRTR2 gene. OX2 is a G-protein coupled receptor expressed exclusively in the brain. OX2 binds both orexin A and orexin B neuropeptides. OX2 is involved in the central feedback mechanism that regulates feeding behavior.

The report 'Orexin Receptor Type 2 - Pipeline Review, H1 2018' outlays comprehensive information on the Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) 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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 1, 2, 1, 4 and 4



respectively.

Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Central Nervous System which include indications Insomnia, Narcolepsy, Sleep Disorders, Dementia Associated With Alzheimer's Disease and Major Depressive Disorder.

**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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2)

The report reviews Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) 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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) targeted therapeutics and enlists all their major and minor projects

The report assesses Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) 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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) 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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2)

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 Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) 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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Actelion Pharmaceuticals Ltd

Eisai Co Ltd

Evotec AG

Heptares Therapeutics Ltd

Idorsia Ltd

Johnson & Johnson

Merck & Co Inc

OptiNose US Inc

Takeda Pharmaceutical Co Ltd

Yangtze River Pharmaceutical Group

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**Product Description** 

Mechanism Of Action

**R&D Progress** 

lemborexant - Drug Profile

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MK-8133 - Drug Profile

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Featured News & Press Releases

Mar 07, 2018: Eisai and Purdue Pharma Announce Positive Top line Results From Key

Clinical Studies of Lemborexant

Dec 21, 2017: Minerva Neurosciences Announces Enrollment of First Patient in Phase

2b Trial Comparing Seltorexant (MIN-202) Versus Quetiapine as Adjunctive Therapy to

Antidepressants in Patients with Major Depressive Disorder

Dec 07, 2017: Eisai and Purdue Pharma L.P. Presented Lemborexant Data from

Research Studies at ACNP Annual Meeting

Dec 06, 2017: Minerva Neurosciences Announces Enrollment of First Patient in Phase

2b Trial of Seltorexant (MIN-202) in Patients With Insomnia Disorder

Oct 31, 2017: Eisai To Present Latest Data On lemborexant At 10th Clinical Trials On

Alzheimer's Disease

Sep 05, 2017: Minerva Neurosciences Announces Enrollment of First Patient in Phase

2b Trial of Seltorexant (MIN-202) as Adjunctive Therapy in Patients With Major

Depressive Disorder

Jul 28, 2017: ACT-541468 (DORA) meets primary endpoint in Phase 2 program in adult

and elderly patients with insomnia

Oct 28, 2016: Eisai To Initiate Phase II Clinical Study Of Dual Orexin Receptor

Antagonist Lemborexant In Patients With Irregular Sleep-Wake Rhythm Disorder And

Dementia

Jul 07, 2016: Actelion To Enter Phase II Clinical Development With New Dual Orexin

Receptor Antagonist In Patients With Insomnia

Jun 01, 2016: Minerva Neurosciences to Present data on MIN-202

Mar 11, 2016: Minerva Neurosciences Announces Positive Top Line Results From

Phase Ib Clinical Trial in Major Depressive Disorder With MIN-202

Feb 01, 2016: Minerva Neurosciences Announces Top Line Data From MIN-202 Phase



I Clinical Study in Japanese Patients

Feb 01, 2016: OptiNose Announces Pipeline Project to Evaluate Nose-to-Brain Application of Bi-Directional Breath Powered Technology Selected for Norwegian Government Funding

Jan 11, 2016: Minerva Neurosciences Announces Favorable Top Line Results from MIN-202 Phase 2A Clinical Trial in Insomnia Disorder

Dec 09, 2015: Minerva Provides Year-End Update on Clinical Trial with Central Nervous System Product Candidate MIN-202

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#### **COMPANIES MENTIONED**

Actelion Pharmaceuticals Ltd

Eisai Co Ltd

Evotec AG

Heptares Therapeutics Ltd

Idorsia Ltd

Johnson & Johnson

Merck & Co Inc

OptiNose US Inc

Takeda Pharmaceutical Co Ltd

Yangtze River Pharmaceutical Group



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