

# Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Pipeline Review, H2 2018

<https://marketpublishers.com/r/O3F6475376DEN.html>

Date: September 2018

Pages: 70

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

ID: O3F6475376DEN

## Abstracts

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Pipeline Review, H2 2018

### SUMMARY

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.

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) pipeline Target constitutes close to 12 molecules. Out of which approximately 11 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 2, 1, 1, 3 and 4 respectively.

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

The latest report Orexin Receptor Type 2 Pipeline Review, H2 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. 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.

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 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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Involved in Therapeutics Development

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Eisai Co Ltd

Evotec AG

Heptares Therapeutics Ltd

Idorsia Pharmaceutical Ltd

Johnson & Johnson

Merck & Co Inc

OptiNose US Inc

Takeda Pharmaceutical Co Ltd

Yangtze River Pharmaceutical Group

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Drug Profiles

HTL-6641 - Drug Profile

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R&D Progress

lemborexant - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MK-8133 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

nemorexant - Drug Profile

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OPN-021 - Drug Profile

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Mechanism Of Action

R&D Progress

Small Molecule to Agonize Orexin Receptor 2 for Narcolepsy - Drug Profile

Product Description

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Small Molecules to Antagonize Orexin 1 and 2 Receptors for Insomnia - Drug Profile

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R&D Progress

suvorexant - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

TAK-925 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

## YNT-185 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Dormant Products

Orexin Receptor Type 2 (Hypocretin Receptor Type 2 or HCRTR2) - Discontinued Products

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Featured News & Press Releases

Jul 19, 2018: Eisai announce presentation on lemborexant at (AAIC) 2018

Jul 02, 2018: Eisai to Give Oral Presentation on Results of Phase III Head-to-head Clinical Study of Lemborexant in Insomnia Disorder at 43rd Annual Meeting of the Japan Society of Sleep Research

Jun 11, 2018: Idorsia initiates a Phase 3 registration program with nemorexant (ACT-541468) for the treatment of insomnia

Jun 05, 2018: Positive New Data on Investigational Lemborexant Presented at 32nd Annual SLEEP Meeting

May 22, 2018: Eisai and Purdue Pharma Announce Key Phase 1 Clinical Studies of Lemborexant to be Presented at the 32nd Annual SLEEP Meeting

Mar 07, 2018: Eisai and Purdue Pharma Announce Positive Topline 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

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Eisai Co Ltd  
Evotec AG  
Heptares Therapeutics Ltd  
Idorsia Pharmaceutical Ltd  
Johnson & Johnson  
Merck & Co Inc  
OptiNose US Inc  
Takeda Pharmaceutical Co Ltd  
Yangtze River Pharmaceutical Group

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