

# Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) - Pipeline Review, H2 2018

https://marketpublishers.com/r/O6A86A8C440EN.html

Date: September 2018

Pages: 67

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

ID: O6A86A8C440EN

# **Abstracts**

Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) - Pipeline Review, H2 2018

#### SUMMARY

Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) pipeline Target constitutes close to 14 molecules. The latest report Orexin Receptor Type 1 - Pipeline Review, H2 2018, outlays comprehensive information on the Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) - Orexin receptor type 1 (Ox1R or OX1) is a protein that is encoded by the HCRTR1 gene. The orexin 1 receptor (OX1) is a G-protein coupled receptor that is highly expressed in projections from the lateral hypothalamus and is involved in the regulation of feeding behavior. OX1 selectively binds the orexin-A neuropeptide.

The molecules developed by companies in Phase III, Phase I, Preclinical and Discovery stages are 2, 2, 8 and 2 respectively. Report covers products from therapy areas Central Nervous System and Respiratory which include indications Nicotine Addiction, Insomnia, Binge Eating Disorder, Addiction, Alcohol Addiction, Drug Addiction, Anxiety Disorders, Dementia Associated With Alzheimer's Disease, Major Depressive Disorder, Narcolepsy, Obstructive Sleep Apnea, Opium (Opioid) Addiction, Panic Disorders, Parkinson's Disease, Pathological Gambling and Sleep Disorders.



Furthermore, this report also reviews key players involved in Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) 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 Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1)

The report reviews Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) 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 1 (Hypocretin Receptor Type 1 or HCRTR1) targeted therapeutics and enlists all their major and minor projects

The report assesses Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) 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 1 (Hypocretin Receptor Type 1 or HCRTR1) 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 1 (Hypocretin Receptor Type 1 or HCRTR1)

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 1 (Hypocretin Receptor Type 1 or HCRTR1) 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

**Chronos Therapeutics Ltd** 

Eisai Co Ltd

Heptares Therapeutics Ltd

Idorsia Pharmaceutical Ltd

Indivior Plc

Johnson & Johnson

OptiNose US Inc

Yangtze River Pharmaceutical Group

Orexin Receptor Type 1 (Hypocretin Receptor Type 1 or HCRTR1) - Drug Profiles

ACT-539313 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

C-4X3256 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

CT-010018 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 



CTDP-002 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

EORA-101 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

HTL-6641 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

JNJ-3215 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

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**Product Description** 

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**Development Milestones** 

Featured News & Press Releases

Jul 24, 2018: C4X Discoverys C4X3256 programme awarded \$480k grant from the US National Institute on Drug Abuse

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 07, 2017: Eisai and Purdue Pharma L.P. Presented Lemborexant Data from Research Studies at ACNP Annual Meeting

Nov 13, 2017: C4XD presents data on its lead addiction programme: Orexin-1 antagonist

Oct 31, 2017: Eisai to Present Latest Data on lemborexant at 10th Clinical Trials on Alzheimer's Disease

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

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

May 20, 2015: Selection of drug candidate from Orexin-1 programme to treat stressrelated addictive disorders and entry into pre-clinical development

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#### **COMPANIES MENTIONED**

Chronos Therapeutics Ltd
Eisai Co Ltd
Heptares Therapeutics Ltd
Idorsia Pharmaceutical Ltd
Indivior Plc
Johnson & Johnson
OptiNose US Inc
Yangtze River Pharmaceutical Group



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