

# Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) - Pipeline Review, H2 2018

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## Abstracts

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### SUMMARY

Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) - Metabotropic glutamate receptor 2 is a protein encoded by the GRM2 gene. It is a receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylyl cyclase. Signaling inhibits adenylyl cyclase activity. May mediate suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.

Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) pipeline Target constitutes close to 13 molecules. Out of which approximately 12 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase II, Phase I and Preclinical stages are 2, 3 and 7 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively.

Report covers products from therapy areas Central Nervous System and Cardiovascular which include indications Treatment Resistant Depression, Depression, Psychosis, Schizophrenia, Anxiety Disorders, Cognitive Disorders, Epilepsy, Ischemia, Nicotine Addiction, Smoking Addiction, Stroke and Substance (Drug) Abuse.

The latest report Metabotropic Glutamate Receptor 2 - Pipeline Review, H2 2018,

outlays comprehensive information on the Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2)

The report reviews Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) targeted therapeutics and enlists all their major and minor projects

The report assesses Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2)

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 Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) 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

Addex Therapeutics Ltd

AstraZeneca Plc

Bristol-Myers Squibb Co

Denovo Biopharma LLC

Eli Lilly and Co

Johnson & Johnson

Merck & Co Inc

Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) - Drug Profiles

ADX-92639 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

AZD-8529 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BMT-133218 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

**JNJ-40411813 - Drug Profile**

Product Description

Mechanism Of Action

R&amp;D Progress

**JNJ-5515 - Drug Profile**

Product Description

Mechanism Of Action

R&amp;D Progress

**LY-3020371 - Drug Profile**

Product Description

Mechanism Of Action

R&amp;D Progress

**LY-341495 - Drug Profile**

Product Description

Mechanism Of Action

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**MP-101 - Drug Profile**

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Mechanism Of Action

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Product Description

Mechanism Of Action

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Product Description

Mechanism Of Action

R&amp;D Progress

**Small Molecule to Modulate Metabotropic Glutamate Receptor 2 for Psychosis - Drug Profile**

Product Description

Mechanism Of Action

R&amp;D Progress

**Small Molecules to Antagonize mGlu2 for Anxiety and Depression - Drug Profile**

Product Description

Mechanism Of Action

R&amp;D Progress

**Small Molecules to Antagonize MGLUR2 for Cardiovascular and Central Nervous System Disorders - Drug Profile**

Product Description

Mechanism Of Action

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Metabotropic Glutamate Receptor 2 (GPRC1B or MGLUR2 or GRM2) - Product Development Milestones

Featured News & Press Releases

Feb 27, 2017: Addex's ADX71149 Anti-Epileptic Effect Highlighted in Scientific Journal, Epilepsia

Sep 23, 2015: Addex ADX71149 Demonstrates Synergistic Efficacy with Levetiracetam in Preclinical Models of Epilepsy

Feb 19, 2015: Addex mGluR2 NAM Demonstrates Protection in Preclinical Model of Ischemic Neuronal Death

Feb 07, 2014: Addex Reports Top-line Data from ADX71149 Phase 2a Study in Patients with Major Depressive Disorder with Significant Anxiety Symptoms

Oct 29, 2013: Addex Licensee Completes Enrolment of 120 Patients in a Phase 2 Clinical Trial of ADX71149 for the Treatment of Anxious Depression

Nov 05, 2012: Addex Reports Top-line Data From Successful Phase IIa Clinical Study With ADX71149 In Schizophrenia Patients

Nov 05, 2012: Addex Therapeutics Reports Top-line Data From Phase IIa Clinical Study With ADX71149 In Schizophrenia Patients

Sep 17, 2012: Addex Partner Doses First Patient In Phase II Clinical Study Of ADX71149 For Treatment Of Major Depressive Disorder Patients With Anxiety Symptoms

Aug 29, 2012: Lilly Stops Phase III Development Of Pomaglumetad Methionil For Treatment Of Schizophrenia Based On Efficacy Results

Jul 11, 2012: Lilly Announces Pomaglumetad Methionil Did Not Meet Primary Endpoint Of Clinical Study

Jun 05, 2012: Janssen To Initiate Phase II Clinical Trial Of ADX71149 For Treatment Of Major Depressive Disorder With Anxiety Symptoms

Mar 28, 2011: Addex Partner Starts Phase IIa Clinical Trial Of ADX71149 In Schizophrenia

Sep 02, 2010: Addex's mGluR2 Shows Efficacy In Alzheimer's Disease Model

Aug 25, 2010: Addex Partner Completes ADX71149 Phase I Program

Jun 24, 2009: Addex Partner Starts First-Ever Clinical Trial Of An mGluR Positive Allosteric Modulator

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### COMPANIES MENTIONED

Addex Therapeutics Ltd

AstraZeneca Plc

Bristol-Myers Squibb Co

Denovo Biopharma LLC

Eli Lilly and Co

Johnson & Johnson

Merck & Co Inc

## I would like to order

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