

# **Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) – Pipeline Review, H1 2018**

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## **Abstracts**

Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) – Pipeline Review, H1 2018

### **SUMMARY**

According to the recently published report 'Growth Hormone Secretagogue Receptor Type 1 – Pipeline Review, H1 2018'; Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) pipeline Target constitutes close to 20 molecules. Out of which approximately 19 molecules are developed by companies and remaining by the universities/institutes.

Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) – Growth hormone secretagogue receptor (GHSR) also known as ghrelin receptor, is a G protein-coupled receptor that binds ghrelin. Ghrelin is an appetite-regulating factor secreted from peripheral organs via binding to the receptor resulting in the secretion of growth hormone by the pituitary gland.

The pathway activated by binding of ghrelin to the growth hormone secretagogue receptor, GHSR1a, regulates the activation of the downstream mitogen-activated protein kinase, Akt, nitric oxide synthase, and AMPK cascades in different cellular systems. Inverse agonists for the ghrelin receptor could be particularly interesting for the treatment of obesity.

The report 'Growth Hormone Secretagogue Receptor Type 1 – Pipeline Review, H1 2018' outlays comprehensive information on the Growth Hormone Secretagogue

Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) 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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Filing rejected/Withdrawn, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 4, 1, 9 and 3 respectively. Similarly, the universities portfolio in Phase II stages comprises 1 molecules, respectively.

Report covers products from therapy areas Oncology, Toxicology, Metabolic Disorders, Central Nervous System, Cardiovascular, Gastrointestinal, Genetic Disorders, Genito Urinary System And Sex Hormones, Hormonal Disorders and Infectious Disease which include indications Cancer Anorexia-Cachexia Syndrome, Obesity, Prader-Willi Syndrome (PWS), Radiation Toxicity (Radiation Sickness, Acute Radiation Syndrome), Acute Ischemic Stroke, Alcohol Addiction, Chemotherapy Effects, Chemotherapy Induced Peripheral Neuropathy, Chronic Kidney Disease (Chronic Renal Failure), Diabetes, Diabetic Gastroparesis, Fatigue, Growth Hormone Deficiency, Ischemia, Opioid-Induced Bowel Dysfunction (OBD or OIBD), Sepsis and Traumatic Brain Injury.

**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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR)

The report reviews Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) 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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) targeted therapeutics and enlists all their major and minor projects

The report assesses Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) 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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) 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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR)

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 Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) 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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AstraZeneca Plc

Daiichi Sankyo Co Ltd

Millendo Therapeutics Inc

Oxeia Biopharmaceuticals Inc

Pfizer Inc

RaQualia Pharma Inc

Zeria Pharmaceutical Co Ltd

Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) – Drug Profiles

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AZ-12861903 – Drug Profile

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RQ-00433412 – Drug Profile

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### Featured News & Press Releases

Jan 23, 2018: Lyric Pharmaceuticals Presents Data at ASPEN Conference on the Incidence of Enteral Feeding Intolerance in the ICU

Jan 17, 2018: Lyric Pharma Granted FDA Fast Track Designation for Lead Product Ulimorelin for Enteral Feeding Intolerance

Dec 20, 2017: Aeterna Zentaris Announces FDA Approval of Macrilen (macimorelin) for Diagnosis of Adult Growth Hormone Deficiency

Nov 27, 2017: Aeterna Zentaris Marketing Authorization Application for Macrilen (macimorelin) for Evaluation of Adult Growth Hormone Deficiency Accepted by European Medicines Agency

Sep 15, 2017: Refusal of the marketing authorisation for Adlumiz (anamorelin hydrochloride)

Sep 06, 2017: Oxeia Biopharmaceuticals Announces Appointment Of Dr. Michael Wyand As Chief Executive Officer

Aug 23, 2017: Richard Sherman, NFL All-Pro, Joins Oxeia Biopharmaceuticals Advisory Board

Jul 18, 2017: NDA for Macrilen for the Evaluation of Growth Hormone Deficiency in Adults Granted December 30, 2017 PDUFA Date

Jun 30, 2017: Aeterna Zentaris Resubmits NDA for Macrilen for the Evaluation of Growth Hormone Deficiency in Adults

Jun 19, 2017: Ammonett Pharma Granted Orphan Drug Designation From the U.S. FDA for Ibutamoren Mesylate (MK-0677) for Treatment of Growth Hormone Deficiency

May 25, 2017: Ammonett Pharma Receives Notice of Allowance of U.S. Patent for Oratrope Related to Detecting and Treating Growth Hormone Deficiency

May 23, 2017: Ammonett Pharma Receives Positive Opinion from European Orphan Medicinal Products Committee for MK-0677 for Treatment of Pediatric Growth Hormone Deficiency

May 18, 2017: Helsinn Announces Refusal of the marketing authorisation for Adlumiz (anamorelin hydrochloride)

May 01, 2017: Allergan to Present Data on Relamorelin at Digestive Disease Week 2017

Mar 30, 2017: Aeterna Zentaris Intends to File NDA with Respect to Macrilen in Third Quarter of 2017

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Allergan Plc  
AstraZeneca Plc  
Daiichi Sankyo Co Ltd  
Millendo Therapeutics Inc  
Oxeia Biopharmaceuticals Inc  
Pfizer Inc  
RaQualia Pharma Inc  
Zeria Pharmaceutical Co Ltd

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