

# Growth Hormone Secretagogue Receptor Type 1 -Pipeline Review, H2 2020

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## **Abstracts**

Growth Hormone Secretagogue Receptor Type 1 - Pipeline Review, H2 2020

### SUMMARY

According to the recently published report 'Growth Hormone Secretagogue Receptor Type 1 - Pipeline Review, H2 2020'; Growth Hormone Secretagogue Receptor Type 1 (GH Releasing Peptide Receptor or Ghrelin Receptor or GHSR) pipeline Target constitutes close to 17 molecules. Out of which approximately 16 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, H2 2020' 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 Pre-Registration, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 3, 2, 8 and 1 respectively. Similarly, the universities portfolio in Phase II stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Toxicology, Cardiovascular, Gastrointestinal, Genetic Disorders, Hormonal Disorders, Metabolic Disorders, Genito Urinary System And Sex Hormones, Infectious Disease, Musculoskeletal Disorders and Women's Health which include indications Cancer Anorexia-Cachexia Syndrome, Growth Hormone Deficiency, Obesity, Radiation Toxicity (Radiation Sickness, Acute Radiation Syndrome), Acute Ischemic Stroke, Alcohol Addiction, Born Small For Gestational Age (SGA), Cachexia, Chemotherapy Effects, Chronic Kidney Disease (Chronic Renal Failure), Constipation, Diabetic Gastroparesis, Endocrine Gland Disorders, Fatigue, Ischemia, Prader-Willi Syndrome (PWS), Sepsis, Traumatic Brain Injury and Turner Syndrome.

**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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Jul 31, 2020: Aeterna Zentaris announces continued expansion of intellectual property portfolio for Macimorelin with additional patent applications

Jul 30, 2020: Aeterna Zentaris announces abstract of results from first pediatric study of macimorelin accepted for presentation at the 22nd European Congress of Endocrinology

Apr 07, 2020: Aeterna Zentaris announces EMA decision to accept a modification to an agreed pediatric investigation plan for macimorelin

Apr 06, 2020: Millendo Therapeutics announces topline results for pivotal phase 2b study of Livoletide in patients with Prader-Willi Syndrome (PWS)

Apr 06, 2020: Aeterna Zentaris announces positive results in dose-finding pediatric study of macimorelin

Mar 12, 2020: Aeterna Zentaris announces settlement of previously disclosed classaction lawsuit

Feb 12, 2020: Aeterna Zentaris to present at Noble Capital Markets' 16th Annual Investor Conference

Jan 28, 2020: Aeterna Zentaris announces completion of patient recruitment in dosefinding pediatric study of Macimorelin

Dec 18, 2019: Aeterna Zentaris announces publication of GHD Management Guidelines

Nov 14, 2019: Millendo closes enrolment for first part of livoletide's ZEPHYR trial

Nov 07, 2019: Millendo Therapeutics to Host Prader-Willi Syndrome (PWS) Breakfast Symposium on Thursday, November 14, 2019

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