

# Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) - Pipeline Review, H1 2018

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## Abstracts

Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) - Pipeline Review, H1 2018

### SUMMARY

Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) - Melanocyte-stimulating hormone receptor (MSHR) also known as melanocortin 1 receptor (MC1R), is a G protein-coupled receptor that binds to a peptide hormones known as the melanocortins, which include adrenocorticotrophic hormone (ACTH).

When activated by alpha-MSH, MC1R initiates a complex signaling cascade that leads to the production of the brown or black pigment eumelanin. The receptor also antagonize by agouti signaling peptide which reverts the cell back to producing the yellow or red phaeomelanin.

Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) pipeline Target constitutes close to 9 molecules. Out of which approximately 9 molecules are developed by Companies. The molecules developed by companies in Pre-Registration, Phase II, Phase I and Preclinical stages are 1, 1, 2 and 5 respectively.

Report covers products from therapy areas Dermatology, Gastrointestinal, Musculoskeletal Disorders, Ophthalmology, Central Nervous System, Genetic Disorders, Genito Urinary System And Sex Hormones and Oncology which include indications Inflammatory Bowel Disease, Vitiligo, Amyotrophic Lateral Sclerosis, Gouty Arthritis (Gout), Kidney Disease, Metastatic Melanoma, Ocular Inflammation, Peritonitis,

Porphyria (Erythropoietic Protoporphryi), Psoriatic Arthritis, Ulcerative Colitis and Uveitis.

The latest report Melanocyte Stimulating Hormone Receptor - Pipeline Review, H1 2018, outlays comprehensive information on the Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) 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 Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) 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 Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R)

The report reviews Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) 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 Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) targeted therapeutics and enlists all their major and minor projects

The report assesses Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) 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 Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R) 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 Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R)

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 its most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R)

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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Mallinckrodt Plc

Palatin Technologies Inc

SolaranRx Inc

SynAct Pharma AB

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Featured News & Press Releases

Feb 05, 2018: Palatin Technologies, Inc. Initiates Subject Dosing in First-in-Human Clinical Study of PL-8177, an Investigational Melanocortin Receptor 1 Agonist

Jan 30, 2018: First Patient Enrolled in Mallinckrodt Phase 4 Trial of H.P. Acthar Gel (Repository Corticotropin Injection) for Pulmonary Sarcoidosis

Jan 03, 2018: Palatin Technologies Announces FDA Clearance of Investigational New Drug Application for PL-8177 for Ulcerative Colitis

Dec 21, 2017: Preliminary recommendation by NICE not to include SCENESSE for reimbursement by NHS England

Dec 04, 2017: Mallinckrodt plc Presents Health Economic Data on Management of

Infantile Spasms at American Epilepsy Society Annual Meeting

Oct 26, 2017: Mallinckrodt Presents Multiple Sclerosis Relapse Data at 7th Joint ECTRIMS-ECTRIMS Meeting (MSParis2017)

Oct 09, 2017: Mallinckrodt Statement on October 7, 2017, CHEST Journal Article

Oct 09, 2017: Mallinckrodt Will Conduct Phase 4 Trial of H.P. Acthar Gel (Repository Corticotropin Injection) for Symptomatic Sarcoidosis

Sep 19, 2017: Clinuvel Provides Update on Scenesse FDA Filing

Sep 12, 2017: Open Letter to Mallinckrodt Employees, Customers and Patients Reinforcing Important Facts Related to H.P. Acthar Gel and Other Matters

Jul 31, 2017: Summary Review of Clinical and Economic Data on H.P. Acthar Gel Published in Advances in Therapy

Jul 25, 2017: Mallinckrodt Posts Data From Legacy H.P. Acthar Gel (Repository Corticotropin Injection) Pilot Study To clinicaltrials.gov

Jun 26, 2017: MNK H.P. Acthar Gel DN Trial Results Alert

Jun 22, 2017: Mallinckrodt Statement on H.P. Acthar Gel Update

Jun 14, 2017: Mallinckrodt Enrolls First Patient in Phase 2B Trial of H.P. Acthar Gel (Repository Corticotropin Injection) for Amyotrophic Lateral Sclerosis

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### COMPANIES MENTIONED

Clinuvel Pharmaceuticals Ltd  
Mallinckrodt Plc  
Palatin Technologies Inc  
SolaranRx Inc  
SynAct Pharma AB

## I would like to order

Product name: Melanocyte Stimulating Hormone Receptor (Melanocortin Receptor 1 or MSHR or MC1R)  
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