

Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) - Pipeline Review, H1 2018

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Abstracts

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SUMMARY

Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) - Stearoyl-CoA desaturase 1 is a protein encoded by the SCD gene. Stearoyl-CoA desaturase-1 plays an important enzyme in fatty acid metabolism. Alteration in SCD1 expression changes the fatty acid profile of these lipids and produces diverse effects on cellular function.

High SCD1 expression is correlated with metabolic diseases such as obesity and insulin resistance, whereas low levels are protective against these metabolic disturbances. SCD1 is also involved in the regulation of inflammation and stress in distinct cell types, including ?-cells, adipocytes, macrophages, endothelial cells, and myocytes. Complete loss of SCD1 expression has been implicated in liver dysfunction and several inflammatory diseases such as dermatitis, atherosclerosis, and intestinal colitis.

Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) pipeline Target constitutes close to 5 molecules. The molecules developed by companies in Phase III, Preclinical, Discovery and Unknown stages are 1, 2, 1 and 1 respectively. Report covers products from therapy areas Gastrointestinal, Oncology and Central Nervous System which include indications Non-Alcoholic Steatohepatitis (NASH), Colorectal Cancer, Liver Fibrosis, Metastatic Renal Cell Carcinoma, Non Alcoholic Fatty Liver Disease (NAFLD) and Osteoarthritis



Pain.

The latest report Acyl CoA Desaturase - Pipeline Review, H1 2018, outlays comprehensive information on the Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) 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 Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) 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 Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1)

The report reviews Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) 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 Acyl CoA Desaturase (Fatty Acid



Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) 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 Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) 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 Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1)

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 Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA



Desaturase or SCD or EC 1.14.19.1) 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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Product Description



Mechanism Of Action **R&D** Progress XEN-103 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) - Dormant Products Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) - Discontinued Products Acyl CoA Desaturase (Fatty Acid Desaturase or Delta 9 Desaturase or Stearoyl CoA Desaturase or SCD or EC 1.14.19.1) - Product Development Milestones Featured News & Press Releases Apr 16, 2018: Galmed Pharmaceuticals to Host Post-EASL Key Opinion Leader Call on the Scientific Rationale and Clinical Development of Aramchol for NASH Mar 27, 2018: Galmed Pharmaceuticals to Present New Scientific Data on the Mechanism by Which Aramchol Exerts its Effect on Fibrosis at EASL Feb 14, 2018: Galmed Announces ARRIVE Study Data Feb 08, 2018: Galmed Pharmaceuticals to Provide Corporate Update at the LEERINK Partners 7th Annual Global Healthcare Conference Nov 27, 2017: Galmed Pharmaceuticals to Present at HEP DART 2017 Meeting Nov 07, 2017: Galmed Pharmaceuticals to Provide Corporate Overview at the Stifel 2017 Healthcare Conference Oct 19, 2017: Galmed Pharmaceuticals to Host Key Opinion Leader Meeting on Non-Alcoholic Steato-Hepatitis (NASH) Oct 05, 2017: Galmed Pharmaceuticals Announces Publication of Data on Aramchol Mechanism of Action in Hepatology Communications, Data Will Also Be Presented at AASLD Apr 05, 2017: Galmed Pharmaceuticals to Present at International Liver Congress Data that Shows Aramchol has a Potential Direct Effect on Liver Fibrosis Jan 09, 2017: Galmed Pharmaceuticals Completes Patient Recruitment for ARREST Phase IIb NASH study Sep 22, 2016: Galmed Pharmaceuticals and the University of California, San Diego Enter into an Investigator-Initiated Clinical Trial Agreement to Assess Aramchol Effects **Juvenile Population** Jun 07, 2016: Galmed Pharmaceuticals Expands its Ongoing Phase IIb ARREST Study to China Jun 01, 2016: Galmed Pharmaceuticals Randomizes 120th Patient in the ARREST Trial

Mar 30, 2016: Aramchol Demonstrates Significant Anti-Fibrotic Effect in a Pre-clinical



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Mar 01, 2016: Galmed Pharmaceuticals Announces the Enrollment of the First Patient in the ARRIVE Study

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COMPANIES MENTIONED

Daiichi Sankyo Co Ltd Galmed Pharmaceuticals Ltd Takeda Pharmaceutical Co Ltd



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