

Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) - Pipeline Review, H1 2018

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Abstracts

Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) - Pipeline Review, H1 2018

SUMMARY

According to the recently published report 'Caspase 3 - Pipeline Review, H1 2018'; Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) pipeline Target constitutes close to 14 molecules. Out of which approximately 10 molecules are developed by companies and remaining by the universities/institutes.

Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) - Caspase-3 is a caspase protein encoded by the CASP3 gene. It interacts with caspase-8 and caspase-9.

It cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. It cleaves and activates caspase-6, -7 and -9. It is involved in the cleavage of huntingtin. It triggers cell adhesion in sympathetic neurons through RET cleavage.

The report 'Caspase 3 - Pipeline Review, H1 2018' outlays comprehensive information on the Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) 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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Preclinical and Discovery stages are 1, 1, 7 and 1 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 3 and 1 molecules, respectively. Report covers products from therapy areas Oncology, Gastrointestinal, Genito Urinary System And Sex Hormones, Cardiovascular, Central Nervous System, Infectious Disease, Hematological Disorders, Immunology, Metabolic Disorders, Ophthalmology, Respiratory and Toxicology which include indications Colorectal Cancer, Glomerulonephritis, Inflammatory Bowel Disease, Age Related Macular Degeneration, Alzheimer's Disease, Autoimmune Hepatitis, Bladder Cancer, Breast Cancer, Chemotherapy Induced Neutropenia, Diabetic Retinopathy, Febrile Neutropenia, Glioblastoma Multiforme (GBM), Hepatitis C, Hepatocellular Carcinoma, Huntington Disease, Liver Cirrhosis, Liver Failure (Hepatic Insufficiency), Liver Fibrosis, Liver Transplant Rejection, Metastatic Brain Tumor, Multiple Myeloma (Kahler Disease), Multiple Sclerosis, Myocardial Infarction, Non Alcoholic Fatty Liver Disease (NAFLD), Non-Alcoholic Steatohepatitis (NASH), Non-Small Cell Lung Cancer, Pancreatic Cancer, Pancreatic Islet Transplant Rejection, Parkinson's Disease, Portal Hypertension, Primary Sclerosing Cholangitis, Prostate Cancer, Pulmonary Fibrosis, Renal Failure, Small-Cell Lung Cancer, Solid Tumor, Spinal Cord Injury, Stroke, Traumatic Brain Injury, Urinary Tract Cancer and Zika Virus Infections.

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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56)

The report reviews Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) 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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) targeted therapeutics and enlists all their major and minor projects

The report assesses Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) 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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) 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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56)

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 Caspase 3 (Apopain or Cysteine Protease CPP32 or Protein Yama or SREBP Cleavage Activity 1 or CASP3 or EC 3.4.22.56) 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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Development

BeyondSpring Pharmaceuticals Inc

Conatus Pharmaceuticals Inc

New World Laboratories Inc

Novartis AG

Pharmedartis GmbH

Sanofi

Shire Plc

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Featured News & Press Releases

Apr 09, 2018: Conatus Pharmaceuticals Announces Upcoming Oral Presentation at EASL Annual Meeting

Apr 04, 2018: Conatus Pharmaceuticals Announces Top-line Results from Phase 2b POLT-HCV-SVR Clinical Trial

Mar 19, 2018: BeyondSpring Announces Initiation of Phase 3 Clinical Development for Plinabulin for Prevention of Chemotherapy-Induced Neutropenia

Mar 05, 2018: Conatus Pharmaceuticals to Highlight Anticipated Clinical Data Readouts at Upcoming Investor Conferences

Feb 05, 2018: BeyondSpring Summarizes Key Messages from KOL Call regarding Lead Asset Plinabulin for the Prevention of Docetaxel Chemotherapy-Induced Neutropenia

Jan 26, 2018: BeyondSpring Presents Promising Data for Lead Asset Plinabulin at 2018 ASCO-SITC Clinical Immuno-Oncology Symposium

Jan 17, 2018: BeyondSpring to Present Data from Phase 2 Portion of Study 105 Phase 2/3 Trial with Plinabulin for the Prevention of Docetaxel Chemotherapy-Induced Neutropenia at 2018 ASCO-SITC Clinical Immuno-Oncology Symposium

Dec 14, 2017: BeyondSpring Meets Primary Objective in Phase 2 Portion of Phase 2/3 Trial (Study 105) with Plinabulin for the Prevention of Docetaxel Chemotherapy-Induced Neutropenia

Dec 07, 2017: BeyondSpring to Webcast Key Opinion Leader Event in NYC on Dec. 14, 2017

Dec 04, 2017: BeyondSpring's Lead Asset, Plinabulin, Recognized as 2017 National Science and Technology Major Project in China

Nov 30, 2017: BeyondSpring Initiates Global Phase 2/3 Trial with Plinabulin in China for the Prevention of Chemotherapy-Induced Neutropenia to Demonstrate Superiority

Oct 26, 2017: BeyondSpring Announces the First Patient Enrolled in China in its Global Phase 2/3 Trial with Plinabulin for the Prevention of Chemotherapy-Induced Neutropenia

Oct 23, 2017: BeyondSpring Receives Two Grants in China to Further Develop Innovative Drug Pipeline

Oct 20, 2017: Conatus Pharmaceuticals Announces Poster Presentation at AASLD Annual Meeting

Oct 18, 2017: BeyondSpring Chief Medical Officer to Present at the 2017 BIO Investor Forum on Oct. 18 in San Francisco

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COMPANIES MENTIONED

BeyondSpring Pharmaceuticals Inc

Conatus Pharmaceuticals Inc

New World Laboratories Inc

Novartis AG

Pharmedartis GmbH

Sanofi

Shire Plc

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