

Caspase 3 - Pipeline Review, H1 2020

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Abstracts

Caspase 3 - Pipeline Review, H1 2020

SUMMARY

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 10 molecules. Out of which approximately 6 molecules are developed by companies and remaining by the universities/institutes. The latest report Caspase 3 - Pipeline Review, H1 2020, 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.

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 molecules developed by companies in Phase III and Preclinical stages are 1 and 5 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, Hematological Disorders, Infectious Disease, Metabolic Disorders, Ophthalmology and Toxicology which include indications Glomerulonephritis, Inflammatory Bowel Disease, Age Related Macular Degeneration, Alzheimer's Disease,

Bladder Cancer, Chemotherapy Induced Neutropenia, Colorectal Cancer, Diabetic Retinopathy, Febrile Neutropenia, Glioblastoma Multiforme (GBM), Hepatocellular Carcinoma, Metastatic Brain Tumor, Metastatic Breast Cancer, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Multiple Myeloma (Kahler Disease), Multiple Sclerosis, Myocardial Infarction, Non-Small Cell Lung Cancer, Parkinson's Disease, Prostate Cancer, Small-Cell Lung Cancer, Solid Tumor, Spinal Cord Injury, Stroke, Traumatic Brain Injury and Zika Virus Infections.

Furthermore, this report 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. Driven by 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 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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Clayton Biotechnologies Inc

Marine Biomedical Research Institute of Qingdao

New World Laboratories Inc

Takeda Pharmaceutical Co Ltd

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COMPANIES MENTIONED

BeyondSpring Inc

Clayton Biotechnologies Inc

Marine Biomedical Research Institute of Qingdao

New World Laboratories Inc

Takeda Pharmaceutical Co Ltd

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