

Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) - Pipeline Review, H2 2018

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Abstracts

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SUMMARY

Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) - Cell division protein kinase 6 (CDK6) is an enzyme encoded by the CDK6 gene. It is involved in initiation and maintenance of cell cycle exit during cell differentiation, prevents cell proliferation and regulates negatively cell differentiation. It is required during thymocyte development. It promotes the production of newborn neurons, probably by modulating G1 length, changes in the actin cytoskeleton including loss of stress fibers, and enhanced motility during cell differentiation. It prevents myeloid differentiation by interfering with RUNX1 and reducing its transcription transactivation-activity.

Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) pipeline Target constitutes close to 22 molecules. Out of which approximately 21 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Pre-Registration, Phase III, Phase II, Phase I, IND/CTA Filed, Preclinical, Discovery and Unknown stages are 1, 2, 4, 1, 2, 9, 1 and 1 respectively.

Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Infectious Disease, Immunology and Toxicology which include indications Metastatic Breast Cancer, Breast

Cancer, Colorectal Cancer, Mantle Cell Lymphoma, Non-Small Cell Lung Cancer, Bladder Cancer, Esophageal Cancer, Gastric Cancer, Metastatic Colorectal Cancer, Pancreatic Cancer, Glioblastoma Multiforme (GBM), Hepatocellular Carcinoma, Leukemias, Liposarcoma, Lymphoma, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Melanoma, Oligodendroglioma, Pancreatic Ductal Adenocarcinoma, Recurrent Glioblastoma Multiforme (GBM), Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), AIDS - Related Cancer, Anaplastic Oligoastrocytoma, Astrocytoma, Brain Tumor, Cervical Cancer, Chemotherapy Induced Myelosuppression, Chordoma, Chronic Lymphocytic Leukemia (CLL), Colon Cancer, Dedifferentiated Liposarcoma, Diffuse Large B-Cell Lymphoma, Ductal Carcinoma In Situ, Duodenal Cancer, Endometrial Cancer, Ependymoma, Epithelial Ovarian Cancer, Epstein-Barr Virus (HHV-4) Infections, Fallopian Tube Cancer, Follicular Lymphoma, Germ Cell Tumors, Glioma, Head And Neck Cancer, Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Human Immunodeficiency Virus (HIV) Infections (AIDS), Kidney Cancer (Renal Cell Cancer), Liver Cancer, Marginal Zone B-cell Lymphoma, Melanoma, Meningioma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Brain Tumor, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Ovarian Cancer, Metastatic Pancreatic Cancer, Multiple Myeloma (Kahler Disease), Neuroblastoma, Neuroendocrine Tumors, Nonmelanomatous Skin Cancer, Peritoneal Cancer, Primary CNS Lymphoma, Prostate Cancer, Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Rheumatoid Arthritis, Small-Cell Lung Cancer, Squamous Non-Small Cell Lung Cancer and Thymic Carcinoma.

The latest report Cyclin Dependent Kinase 6 - Pipeline Review, H2 2018, outlays comprehensive information on the Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22)

The report reviews Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) targeted therapeutics and enlists all their major and minor projects

The report assesses Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22)

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 Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) 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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G1 Therapeutics Inc

Jiangsu Hengrui Medicine Co Ltd

MEI Pharma Inc

MetaMax Ltd

Novartis AG

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Pfizer Inc

Sihuan Pharmaceutical Holdings Group Ltd

Sino Biopharmaceutical Ltd

Teijin Pharma Ltd

ViroStatics srl

Cyclin Dependent Kinase 6 (Cell Division Protein Kinase 6 or Serine/Threonine Protein Kinase PLSTIRE or CDK6 or EC 2.7.11.22) - Drug Profiles

abemaciclib - Drug Profile

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Mechanism Of Action

R&D Progress

BEBT-209 - Drug Profile

Product Description

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BPI-1178 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

G-1T38 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

GZ-381 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

HEC-80797 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MMD-37K - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

TQ-05510 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

trilaciclib - Drug Profile

Product Description

Mechanism Of Action

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Product Description

Mechanism Of Action

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Featured News & Press Releases

Jul 26, 2018: Lilly receives CHMP's positive opinion for Verzenios

Jul 18, 2018: FDA approves expanded indication for Novartis drug Kisqali

Jul 09, 2018: TRIO Awarded NATALEE Study, Largest Single Phase III Breast Cancer Clinical Trial in its History

Jun 25, 2018: Pfizer unveils new results from PALOMA-3 trial for breast cancer

Jun 04, 2018: Results From AstraZeneca Study Presented at ASCO

Jun 03, 2018: Third Novartis Phase III trial shows Kisqali combination therapy significantly improves PFS in HR+/HER2- advanced breast cancer

Jun 02, 2018: G1 Therapeutics Presents Phase 1b Data on G1T38 in Combination with Faslodex for Treatment of Breast Cancer at 2018 American Society of Clinical Oncology (ASCO) Annual Meeting

May 16, 2018: Lilly to Present Data on Abemaciclib at ASCO

May 16, 2018: G1 Therapeutics to Present Phase 1b Data on G1T38 in Combination with Faslodex for Treatment of Breast Cancer at 2018 American Society of Clinical Oncology Annual Meeting

May 02, 2018: Health Canada approves KISQALI for the treatment of HR-positive and HER2-negative metastatic breast cancer in postmenopausal women in combination with letrozole as an initial endocrine-based therapy

Apr 19, 2018: Onconova Presents Data on Dual Inhibitor of CDK4/6 + ARK5 at American Association for Cancer Research 2018 Annual Meeting

Apr 17, 2018: Positive results with DiviTum from new Pfizer study presented at the AACR congress

Apr 16, 2018: G1 Therapeutics Announces Initiation of Phase 1b/2 Clinical Trial of G1T38 in Combination with Tagrisso for EGFR-Mutant Non-Small Cell Lung Cancer

Apr 09, 2018: G1 Therapeutics to Present Preclinical Data on CDK4/6 Inhibitor

Trilaciclib at the 2018 American Association for Cancer Research (AACR) Annual Meeting

Apr 09, 2018: G1 Therapeutics to Present Preclinical Data on G1T38 at the 2018 American Association for Cancer Research (AACR) Annual Meeting

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COMPANIES MENTIONED

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Eli Lilly and Co

G1 Therapeutics Inc

Jiangsu Hengrui Medicine Co Ltd

MEI Pharma Inc

MetaMax Ltd

Novartis AG

Onconova Therapeutics Inc

Pfizer Inc

Sihuan Pharmaceutical Holdings Group Ltd

Sino Biopharmaceutical Ltd

Teijin Pharma Ltd

ViroStatics srl

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