

# Serine/Threonine Protein Kinase PLK1 - Pipeline Review, H2 2020

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## Abstracts

Serine/Threonine Protein Kinase PLK1 - Pipeline Review, H2 2020

### SUMMARY

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) pipeline Target constitutes close to 10 molecules. Out of which approximately 8 molecules are developed by companies and remaining by the universities/institutes. The latest report Serine/Threonine Protein Kinase PLK1 - Pipeline Review, H2 2020, outlays comprehensive information on the Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) - Serine/threonine-protein kinase PLK1 is an enzyme encoded by the PLK1 (polo-like kinase 1) gene. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis.

The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Unknown stages are 2, 1, 1, 3 and 1 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 1 molecules, respectively.

Report covers products from therapy areas Oncology which include indications Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Colorectal Cancer, Leukemia, Myelodysplastic Syndrome, Non-Small Cell Lung Cancer, Ovarian Cancer, Pancreatic Cancer, Skin Cancer, Adrenocortical Carcinoma (Adrenal Cortex Cancer), Anal Cancer, Breast Cancer, Cervical Cancer, Esophageal Cancer, Esophageal

Squamous Cell Carcinoma (ESCC), Glioma, Head And Neck Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Hepatocellular Carcinoma, Human Papillomavirus (HPV) Associated Cancer, Juvenile Myelomonocytic Leukemia (JMML), Lung Cancer, Lymphoma, Metastatic Colorectal Cancer, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Melanoma, Non-Hodgkin Lymphoma, Pancreatic Ductal Adenocarcinoma, Penile Cancer, Prostate Cancer, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Rhabdomyosarcoma, Sarcomas, Small-Cell Lung Cancer, Solid Tumor, Squamous Cell Carcinoma, Squamous Non-Small Cell Lung Cancer and Triple-Negative Breast Cancer (TNBC).

Furthermore, this report also reviews key players involved in Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21)

The report reviews Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) targeted therapeutics and enlists all their major and minor projects

The report assesses Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21)

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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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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### COMPANIES MENTIONED

Cardiff Oncology Inc  
Cyclacel Pharmaceuticals Inc  
Korea United Pharm Inc  
Le Sun Pharmaceuticals Ltd  
Oncoheroes Biosciences Inc  
Onconova Therapeutics Inc  
PhoreMost Ltd  
Takeda Pharmaceutical Co Ltd

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