

# **Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Pipeline Review, H1 2018**

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## **Abstracts**

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Pipeline Review, H1 2018

## **SUMMARY**

According to the recently published report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H1 2018'; Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) pipeline Target constitutes close to 16 molecules. Out of which approximately 15 molecules are developed by companies and remaining by the universities/institutes.

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Phosphatidylinositol-4, 5-bisphosphate 3-kinase catalytic subunit gamma isoform is an enzyme encoded by the PIK3CG gene. It plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDPK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. It is involved in immune, inflammatory and allergic responses. It modulates leukocyte chemotaxis to inflammatory sites and in response to chemoattractant agents. It regulates T-lymphocyte proliferation and cytokine production.

The report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H1 2018' outlays comprehensive information on the Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) 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 Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Pre-Registration, Phase II, Phase I, Preclinical and Discovery stages are 1, 2, 1, 10 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Respiratory, Central Nervous System, Dermatology, Hematological Disorders, Ophthalmology and Undisclosed which include indications Solid Tumor, Colon Cancer, Lymphoma, Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Multiple Myeloma (Kahler Disease), Ovarian Cancer, Pancreatic Cancer, Peripheral T-Cell Lymphomas (PTCL), Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Renal Cell Carcinoma, Adrenocortical Carcinoma (Adrenal Cortex Cancer), Anaplastic Large Cell Lymphoma (ALCL), Angioimmunoblastic T-Cell Lymphoma (AITL)/Immunoblastic

Lymphadenopathy, Asthma, Bladder Cancer, Breast Cancer, Chronic Lymphocytic Leukemia (CLL), Chronic Obstructive Pulmonary Disease (COPD), Cystic Fibrosis, Follicular Lymphoma, Head And Neck Cancer Squamous Cell Carcinoma, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Lung Cancer, Malignant Mesothelioma, Metastatic Breast Cancer, Metastatic Melanoma, Natural Killer Cell Lymphomas, Neuroblastoma, Neutrophilia, Non-Hodgkin Lymphoma, Non-Small Cell Lung Cancer, Primary CNS Lymphoma, T-Cell Lymphomas and Unspecified.

**Note:** Certain sections in the report may be removed or altered based on the availability and relevance of data.

Updated report will be delivered in 48 hours of order confirmation.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153)

The report reviews Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) 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 Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol

4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics and enlists all their major and minor projects

The report assesses Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) 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 Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) 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 Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153)

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 Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) 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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Infinity Pharmaceuticals Inc

Novartis AG

PIQUR Therapeutics AG

Rhizen Pharmaceuticals SA

Sphaera Pharma Pte Ltd

Verastem Inc

Vertex Pharmaceuticals Inc

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Drug Profiles

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Featured News & Press Releases

Jun 04, 2018: Verastem Oncology Presents Data on duvelisib at ASCO 2018 Annual Meeting

Jun 04, 2018: Infinity Reports IPI-549 Clinical and Translational Data from Ongoing Phase 1/1b Study at American Society of Clinical Oncology Annual Meeting

May 29, 2018: Rhizen Pharmaceuticals Announces Presentations on Tenalisib (RP6530) at the 2018 American Society of Clinical Oncology (ASCO) Annual Meeting

May 22, 2018: Seramatrix MDSC Assay Being Utilized By Infinity Pharmaceuticals in the First Clinical Study to Prospectively Identify Patients With High Blood Levels of MDSCs

May 21, 2018: Verastem Oncology to Present Scientific Data Supporting Immuno-Oncology Applications of Duvelisib of Annual Advances in Immuno-Oncology Congress

May 17, 2018: Verastem Oncology to Present Duvelisib Data at EHA 2018 Annual Meeting

May 16, 2018: Verastem Oncology to Present Data on Duvelisib at ASCO 2018 Annual Meeting

May 08, 2018: Infinity Announces Presentations On IPI-549 At Upcoming American Society of Clinical Oncology Annual Meeting

May 03, 2018: Verastem Oncology Reports on Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma and Follicular Lymphoma Opportunity, Landscape and Advancements in Pre-Commercial Initiatives at Analyst and Investor Day

Apr 13, 2018: Rhizen Pharmaceuticals receives FDA Fast Track Designation for Tenalisib (RP6530), a highly selective dual PI3K delta/gamma inhibitor for the treatment of patients with relapsed and/or refractory Cutaneous T-cell Lymphoma (CTCL)

Apr 09, 2018: FDA Accepts New Drug Application for Duvelisib and Grants Priority Review

Apr 09, 2018: Rhizen Pharmaceuticals Receives FDA Orphan-drug Designation for Tenalisib (RP6530) for Treatment of Cutaneous T-cell Lymphoma (CTCL)

Mar 15, 2018: Infinity Pharmaceuticals Provides Company Update and Reports Fourth Quarter and Full Year 2017 Financial Results

Mar 08, 2018: Infinity Pharmaceuticals Announces Additions to Board of Directors and Clinical Leadership Team and Establishes Scientific Advisory Board

Feb 07, 2018: Verastem Submits New Drug Application to U.S. FDA for Duvelisib for the Treatment of Patients with Relapsed or Refractory Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma and Follicular Lymphoma

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AstraZeneca Plc

Infinity Pharmaceuticals Inc

Novartis AG

PIQUR Therapeutics AG

Rhizen Pharmaceuticals SA

Sphaera Pharma Pte Ltd

Verastem Inc

Vertex Pharmaceuticals Inc

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