

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H1 2020

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Abstracts

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H1 2020

SUMMARY

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 22 molecules. Out of which approximately 21 molecules are developed by companies and remaining by the universities/institutes. The latest report Mitogen Activated Protein Kinase Kinase Kinase 5 - Pipeline Review, H1 2020, 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.

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 molecules developed by companies in Pre-Registration, Phase II, Phase I, Preclinical and Discovery stages are 1, 3, 1, 14 and 2 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Respiratory, Immunology, Central Nervous System, Hematological Disorders and Infectious Disease which include indications Cutaneous T-Cell Lymphoma, Solid Tumor, Chronic Obstructive Pulmonary Disease (COPD), Colon Cancer, Ovarian Cancer, Peripheral T-Cell Lymphomas (PTCL), Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Allergic Asthma, Diffuse Large B-Cell Lymphoma, Follicular Lymphoma, Head And Neck Cancer Squamous Cell Carcinoma, Lung Cancer, Lymphoma, Multiple Myeloma (Kahler Disease), Pancreatic Cancer, Renal Cell Carcinoma, T-Cell Lymphomas, Triple-Negative Breast Cancer (TNBC), 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), Colorectal Cancer, Cystic Fibrosis, Gallbladder Cancer, Gastric Cancer, Glioblastoma Multiforme (GBM), Human Immunodeficiency Virus (HIV) Infections (AIDS), Idiopathic Pulmonary Fibrosis, Inflammation, Malignant Mesothelioma, Marginal Zone B-cell Lymphoma, Metastatic Melanoma, Metastatic Renal Cell Carcinoma, Metastatic Transitional (Urothelial) Tract Cancer, Multiple Sclerosis, Natural Killer Cell Lymphomas, Neuroblastoma, Neutrophilia, Non-Small Cell Lung Cancer, Primary CNS Lymphoma, Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Rheumatoid Arthritis, T-Cell Acute Lymphocytic Leukemia (T-Cell Acute Lymphoblastic Leukaemia) and Waldenstrom Macroglobulinemia (Lymphoplasmacytic Lymphoma).

Furthermore, this report 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.



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 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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Number of Products by Stage and Molecule Types, H1 2020

COMPANIES MENTIONED

Applied Therapeutics Inc

Arcus Biosciences Inc

AstraZeneca Plc

BioMed Valley Discoveries Inc

Chia Tai Tianqing Pharmaceutical Group Co Ltd

Hutchison MediPharma Ltd

Infinity Pharmaceuticals Inc

Kither Biotech Srl

Novartis AG

Oncodesign SA

PIQUR Therapeutics AG

Rhizen Pharmaceuticals SA

Sichuan Sinovation Bio-technology Co Ltd

SignalRx Pharmaceuticals Inc

Sphaera Pharma Pte Ltd

Verastem Inc

Vertex Pharmaceuticals Inc



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