

Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) - Pipeline Review, H1 2018

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Abstracts

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SUMMARY

Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) - Spleen tyrosine kinase, also known as Syk, is an enzyme encoded by the SYK gene. It regulates several biological processes including innate and adaptive immunity, cell adhesion, osteoclast maturation, platelet activation and vascular development. It assembles into signaling complexes with activated receptors at the plasma membrane via interaction between its SH2 domains and the receptor tyrosine-phosphorylated ITAM domains. The association with the receptor can also be indirect and mediated by adapter proteins containing ITAM or partial hemITAM domains. The phosphorylation of the ITAM domains is generally mediated by SRC subfamily kinases upon engagement of the receptor. More rarely signal transduction via SYK could be ITAM-independent.

Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) pipeline Target constitutes close to 28 molecules. Out of which approximately 27 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 9, 3, 11 and 3 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively.

Report covers products from therapy areas Immunology, Oncology, Hematological

Disorders, Dermatology, Gastrointestinal, Ophthalmology, Respiratory, Cardiovascular, Central Nervous System, Genito Urinary System And Sex Hormones and Musculoskeletal Disorders which include indications Rheumatoid Arthritis, Diffuse Large B-Cell Lymphoma, Mantle Cell Lymphoma, Follicular Lymphoma, Waldenstrom Macroglobulinemia, Autoimmune Disorders, Idiopathic Thrombocytopenic Purpura (Immune Thrombocytopenic Purpura), Peripheral T-Cell Lymphomas (PTCL), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Allergic Conjunctivitis, Asthma, Atopic Dermatitis, B-Cell Chronic Lymphocytic Leukemia, Chronic Lymphocytic Leukemia (CLL), Marginal Zone B-cell Lymphoma, Non-Hodgkin Lymphoma, Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Ulcerative Colitis, Acquired (Autoimmune) Hemolytic Anemia, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Allergies, Alzheimer's Disease, Anaphylactic Shock, Arthritis, B-Cell Non-Hodgkin Lymphoma, Bladder Cancer, Blood Cancer, Chronic Cutaneous Lupus Erythematosus (CCLE)/Discoid Lupus Erythematosus (DLE), Chronic Urticaria Or Hives, Cutaneous Lupus Erythematosus, Cutaneous T-Cell Lymphoma, Epithelial Ovarian Cancer, Fallopian Tube Cancer, Glomerulonephritis, Graft Versus Host Disease (GVHD), Head And Neck Cancer Squamous Cell Carcinoma, Inflammation, Inflammatory Bowel Disease, Keratoconjunctivitis sicca (Dry Eye), Kidney Transplant Rejection, Lupus Nephritis, Metastatic Breast Cancer, Multiple Myeloma (Kahler Disease), Myelofibrosis, Non-Small Cell Lung Cancer, Peritoneal Cancer, Post-Transplant Lymphoproliferative Disorder, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Sicca Syndrome (Sjogren), Solid Tumor, Subacute Cutaneous Lupus Erythematosus (SCLE) and Systemic Lupus Erythematosus.

The latest report Tyrosine Protein Kinase SYK - Pipeline Review, H1 2018, outlays comprehensive information on the Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2)

The report reviews Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) targeted therapeutics and enlists all their major and minor projects

The report assesses Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2)

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 Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC 2.7.10.2) 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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Almirall SA

Archer Pharmaceuticals Inc

Asana BioSciences LLC

Beijing Hanmi Pharmaceutical Co Ltd

Celgene Corp

Clevexel Pharma SAS

Fujifilm Holdings Corporation

Genosco Inc

Gilead Sciences Inc

GlaxoSmithKline Plc

Hutchison MediPharma Ltd

Japan Tobacco Inc

Levolta Pharmaceuticals Inc

Merck KGaA

Millennium Pharmaceuticals Inc

Portola Pharmaceuticals Inc

Rigel Pharmaceuticals Inc

Taiho Pharmaceutical Co Ltd

TopiVert Ltd

Tyrosine Protein Kinase SYK (Spleen Tyrosine Kinase or p72 Syk or SYK or EC

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Mechanism Of Action

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ASN-002 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

C-13 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

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Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

LAS-189386 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Product Description

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R&D Progress

PRT-2761 - Drug Profile

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Mechanism Of Action

R&D Progress

SKIO-703 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit SYK and JAK for Autoimmune Disorders and Oncology - Drug Profile

Product Description

Mechanism Of Action

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Mechanism Of Action

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Featured News & Press Releases

Apr 30, 2018: TAVALISSE (fostamatinib disodium hexahydrate) Phase 3 Data Published in the American Journal of Hematology Describes Pivotal Data and Overall Response Rate Versus Placebo

Apr 25, 2018: Portola Pharmaceuticals to Present New Interim Phase 2 Data for Cerdulatinib at the 2018 American Society of Clinical Oncology (ASCO) Annual Meeting

Apr 17, 2018: Rigel Announces FDA Approval of TAVALISSE (fostamatinib disodium hexahydrate) for Chronic Immune Thrombocytopenia (ITP) in Adult Patients

Apr 12, 2018: Rigel Makes Statement Regarding Website Error

Apr 03, 2018: Rigel Announces Top line Data From Proof-of-Concept Phase 2 Study of Fostamatinib in IgA Nephropathy

Mar 01, 2018: Rigel Announces Two Fostamatinib Presentations at the 4th Biennial Summit of the Thrombosis & Hemostasis Societies of North America

Jan 08, 2018: TopiVert announces positive results from the Phase 1 study with its oral formulation of TOP1288 for the treatment of ulcerative colitis

Jan 04, 2018: Rigel to Provide Business Review and Updated Phase 2 Results for Fostamatinib in AIHA at the 36th Annual J.P. Morgan Healthcare Conference

Jan 04, 2018: Asana BioSciences Announces Achievement of Positive Results in the Clinical Proof of Concept Study in Atopic Dermatitis with ASN002, A Novel Oral JAK/SYK Inhibitor

Dec 08, 2017: Rigel to Present One-Year Efficacy and Safety Results for Fostamatinib in ITP at the 2017 American Society of Hematology Annual Meeting

Nov 30, 2017: Portola Pharmaceuticals to Present New Data on Cerdulatinib at the 59th American Society of Hematology (ASH) Annual Meeting

Nov 28, 2017: TopiVert Demonstrates Proof Of Concept In Phase 1/2a Study of TOP1630 in Treatment Of Dry Eye Syndrome

Nov 01, 2017: Takeda to Present Data On TAK-659 During 59th ASH Annual Meeting

Oct 03, 2017: Fostamatinib Meets Pre-Specified Primary Endpoint in Stage 1 of Autoimmune Hemolytic Anemia Phase 2 Study

Oct 02, 2017: Rigel Provides Update on FDA Review of Fostamatinib for ITP

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COMPANIES MENTIONED

AB Science SA

Almirall SA

Archer Pharmaceuticals Inc

Asana BioSciences LLC

Beijing Hanmi Pharmaceutical Co Ltd

Celgene Corp

Clevexel Pharma SAS

Fujifilm Holdings Corporation

Genosco Inc

Gilead Sciences Inc

GlaxoSmithKline Plc

Hutchison MediPharma Ltd

Japan Tobacco Inc

Levolta Pharmaceuticals Inc

Merck KGaA

Millennium Pharmaceuticals Inc

Portola Pharmaceuticals Inc

Rigel Pharmaceuticals Inc

Taiho Pharmaceutical Co Ltd

TopiVert Ltd

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