

# Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) - Pipeline Review, H1 2018

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## **Abstracts**

Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) - Pipeline Review, H1 2018

#### **SUMMARY**

Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) - Tyrosine-protein kinase receptor UFO is an enzyme encoded by the AXL gene. It plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses. It plays also an important role in inhibition of Toll-like receptors (TLRs)-mediated innate immune response.

Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) pipeline Target constitutes close to 27 molecules. Out of which approximately 26 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Pre-Registration, Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 2, 4, 5, 1, 12 and 2 respectively.

Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Cardiovascular and Respiratory which include indications Non-Small Cell Lung Cancer, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Solid Tumor, Breast Cancer, Ovarian Cancer, Refractory Acute Myeloid Leukemia, Pancreatic Cancer, Relapsed Acute



Myeloid Leukemia, Bladder Cancer, Chronic Lymphocytic Leukemia (CLL), Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Gastric Cancer, Hepatocellular Carcinoma, Lung Adenocarcinoma, Melanoma, Metastatic Colorectal Cancer, Metastatic Renal Cell Carcinoma, Renal Cell Carcinoma, Soft Tissue Sarcoma, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Adrenocortical Carcinoma (Adrenal Cortex Cancer), Bile Duct Cancer (Cholangiocarcinoma), Bone Metastasis, Carcinoid Tumor, Colorectal Cancer, Endometrial Cancer, Epithelial Ovarian Cancer, Esophageal Cancer, Ewing Sarcoma, Fallopian Tube Cancer, Gastrointestinal Stromal Tumor (GIST), Head And Neck Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Idiopathic Pulmonary Fibrosis, Kidney Cancer (Renal Cell Cancer), Liposarcoma, Liver Cancer, Lung Cancer, Merkel Cell Carcinoma, Metastatic Adenocarcinoma of The Pancreas, Metastatic Brain Tumor, Metastatic Breast Cancer, Metastatic Melanoma, Metastatic Prostate Cancer, Myelodysplastic Syndrome, Neuroendocrine Gastroenteropancreatic Tumors (GEP-NET), Neuroendocrine Tumors, Non-Rhabdomyosarcoma, Ocular Melanoma, Osteosarcoma, Pancreatic Ductal Adenocarcinoma, Peritoneal Cancer, Pheochromocytoma, Recurrent Glioblastoma Multiforme (GBM), Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Refractory Multiple Myeloma, Relapsed Multiple Myeloma, Rhabdomyosarcoma, Thrombosis, Thyroid Cancer, Transitional Cell Carcinoma (Urothelial Cell Carcinoma), Ureter Cancer, Urethral Cancer, Uterine Cancer and Wilms' Tumor (Nephroblastoma).

The latest report Tyrosine Protein Kinase Receptor UFO - Pipeline Review, H1 2018, outlays comprehensive information on the Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1)

The report reviews Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1)



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 Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) 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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BerGenBio ASA

Betta Pharmaceuticals Co Ltd

Celldex Therapeutics Inc

Daiichi Sankyo Co Ltd

Exelixis Inc

F1 Oncology Inc

Ignyta Inc

**Incyte Corp** 

Les Laboratoires Servier SAS

Mirati Therapeutics Inc

Ono Pharmaceutical Co Ltd

Oribase Pharma

**Qurient Co Ltd** 

Rigel Pharmaceuticals Inc

SignalChem Lifesciences Corp

Takeda Pharmaceutical Co Ltd

Tolero Pharmaceuticals Inc



Tyrosine Protein Kinase Receptor UFO (AXL Oncogene or AXL or EC 2.7.10.1) - Drug Profiles

ADCT-601 - Drug Profile

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**R&D Progress** 

Antibodies to Inhibit AXL, MERTK and TYRO3 for Oncology, Inflammation, Autoimmune

Diseases and Infectious Disease - Drug Profile

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Featured News & Press Releases

Apr 26, 2018: Cabozantinib to Be Featured in 15 Presentations at ASCO 2018 Annual Meeting

Apr 23, 2018: Astellas Submits New Drug Applications for Approval of Gilteritinib for the Treatment of FLT3mut+ Relapsed or Refractory Acute Myeloid Leukemia

Apr 18, 2018: BerGenBio: Promising data highlighting selective AXL inhibitor bemcentinib's potential to improve efficacy of checkpoint inhibitors presented at AACR Apr 13, 2018: Promising pre-clinical data supporting BerGenBios pipeline to be published and presented at upcoming leading conferences

Apr 11, 2018: ADC Therapeutics to Present New Investigational Antibody-Drug Conjugate ADCT-601 at the American Association for Cancer Research (AACR) Annual Meeting

Apr 10, 2018: BerGenBio Completes Recruitment Into First Stage of Phase II NSCLC Trial With Selective AXL Inhibitor Bemcentinib Combined With KEYTRUDA Mar 28, 2018: Ipsen Announces EMA Validation of Filing of a New Application for Additional Indication for Cabometyx, for patients with previously treated advanced Hepatocellular Carcinoma (HCC)

Mar 23, 2018: Exelixis Partner Ipsen Announces Positive CHMP Opinion for CABOMETYX (cabozantinib) for Previously Untreated Intermediate- or Poor-Risk Advanced Renal Cell Carcinoma

Mar 22, 2018: BerGenBio to present overview of phase II clinical trial portfolio combining bemcentinib with KEYTRUDA at 3rd Annual Immuno-Oncology Summit Europe

Mar 22, 2018: Astellas Receives Orphan Drug Designation from the Japanese MHLW for Gilteritinib

Mar 15, 2018: Exelixis Submits U.S. Supplemental New Drug Application for CABOMETYX (Cabozantinib) for Previously Treated Advanced Hepatocellular Carcinoma

Mar 15, 2018: BerGenBio: Promising data highlighting bemcentinib's potential to improve efficacy of checkpoint inhibitors to be presented at AACR Annual Meeting Feb 19, 2018: BerGenBio Completes Recruitment Into First Stage of Phase II Breast Cancer Trial With Selective AXL Inhibitor Bemcentinib Combined With KEYTRUDA Feb 15, 2018: Ipsen's rare medullary thyroid cancer treatment Cometriq (cabozantinib), gets nod from NICE

Feb 13, 2018: Cabozantinib shows significant activity in the first line for differentiated thyroid cancer

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Pipeline by Astellas Pharma Inc, H1 2018

Pipeline by BerGenBio ASA, H1 2018

Pipeline by Betta Pharmaceuticals Co Ltd, H1 2018

Pipeline by Celldex Therapeutics Inc, H1 2018

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#### **COMPANIES MENTIONED**

**ADC Therapeutics SA** 

Astellas Pharma Inc

BerGenBio ASA

Betta Pharmaceuticals Co Ltd

Celldex Therapeutics Inc

Daiichi Sankyo Co Ltd

Exelixis Inc

F1 Oncology Inc

Ignyta Inc

Incyte Corp

Les Laboratoires Servier SAS

Mirati Therapeutics Inc

Ono Pharmaceutical Co Ltd

Oribase Pharma

**Qurient Co Ltd** 

Rigel Pharmaceuticals Inc

SignalChem Lifesciences Corp

Takeda Pharmaceutical Co Ltd

Tolero Pharmaceuticals Inc



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