

# E3 Ubiquitin Protein Ligase XIAP - Pipeline Review, H2 2019

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## Abstracts

E3 Ubiquitin Protein Ligase XIAP - Pipeline Review, H2 2019

### SUMMARY

E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) pipeline Target constitutes close to 9 molecules. Out of which approximately 7 molecules are developed by companies and remaining by the universities/institutes. The latest report E3 Ubiquitin Protein Ligase XIAP - Pipeline Review, H2 2019, outlays comprehensive information on the E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) - E3 Ubiquitin-Protein Ligase X-linked inhibitor of apoptosis protein (XIAP) also known as inhibitor of apoptosis protein 3 (IAP3) and baculoviral IAP repeat-containing protein 4 (BIRC4) is a protein that stops apoptotic cell death. It modulates inflammatory signaling and immunity, copper homeostasis, mitogenic kinase signaling, cell proliferation, as well as cell invasion and metastasis. It acts as a direct caspase inhibitor. Directly bind to the active site pocket of CASP3 and CASP7 and obstructs substrate entry. It inactivates CASP9 by keeping it in inactive state.

It regulates the BMP signaling pathway and the SMAD and MAP3K7/TAK1 dependent pathways leading to NF-kappa-B and JNK activation. It acts as an important regulator of innate immune signaling via regulation of Nodlike receptors (NLRs). The molecules developed by companies in Phase II and Preclinical stages are 4 and 3 respectively. Similarly, the universities portfolio in Discovery stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology which include indications Breast Cancer, Cervical Cancer, Colorectal Cancer, Epithelial Ovarian Cancer, Head And Neck Cancer, Ovarian Cancer, Pancreatic Cancer, Peritoneal Cancer, Small-Cell Lung Cancer, Solid Tumor, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Colon Cancer, Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Endometrial Cancer, Esophageal Cancer, Fallopian Tube Cancer, Gastric Cancer, Glioblastoma Multiforme (GBM), Head And Neck Cancer Squamous Cell Carcinoma, Lung Adenocarcinoma, Lung Cancer, Malignant Mesothelioma, Melanoma, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Pancreatic Cancer, Myelofibrosis, Non-Small Cell Lung Cancer, Pancreatic Ductal Adenocarcinoma, Pediatric Diffuse Intrinsic Pontine Glioma, Peripheral T-Cell Lymphomas (PTCL), Post-Essential Thrombocythemia Myelofibrosis (Post-ET MF), Post-Polycythemia Vera Myelofibrosis (PPV-MF), Prostate Cancer, Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Refractory Acute Myeloid Leukemia, Refractory Multiple Myeloma, Relapsed Acute Myeloid Leukemia, Relapsed Multiple Myeloma and Soft Tissue Sarcoma.

Furthermore, this report also reviews key players involved in E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) 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 E3

Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.)

The report reviews E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) 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 E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) targeted therapeutics and enlists all their major and minor projects

The report assesses E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) 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 E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) 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 E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.)

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 E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) 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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Adamed Sp zoo

Ascenta Therapeutics Inc

Astex Pharmaceuticals Inc

Canget BioTekpharma LLC

Novartis AG

Noxopharm Ltd

Takeda Pharmaceutical Co Ltd

E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) - Drug Profiles

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Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

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E3 Ubiquitin Protein Ligase XIAP (Baculoviral IAP Repeat Containing Protein 4 or IAP Like Protein or Inhibitor Of Apoptosis Protein 3 or X Linked Inhibitor Of Apoptosis Protein or XIAP or EC 6.3.2.) - Dormant Products

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### Featured News & Press Releases

Nov 12, 2019: Noxopharm: DARRT-1 interim data presented to conference

Nov 12, 2019: Noxopharm: LuPIN data being presented to conference

Oct 21, 2019: Noxopharm: Durable anti-cancer effect confirmed in DARRT-1 study

Oct 10, 2019: Debiopharm begins enrolment in CATRIPCA trial

Sep 30, 2019: Further data review shows major clinical benefits from Veyonda

Sep 30, 2019: Debiopharm's novel IAP antagonist Debio 1143 achieves outstanding phase II results for high-risk Head and Neck Cancer patients

Sep 17, 2019: Veyonda and radiotherapy profiled at key oncology meeting

Sep 03, 2019: Debiopharm successfully completes randomized phase II study for IAP antagonist Debio 1143 in high risk head & neck cancer patients

Aug 28, 2019: Veyonda enhances radiotherapy in prostate cancer treatment further promising results

Aug 21, 2019: Noxopharm: Pre-clinical evidence confirms Veyonda abscopal effect

Jul 19, 2019: Noxopharm provides update on DARRT-1 and LuPIN studies

Jul 02, 2019: LuPIN-1 Interim Results Presentation Recording at SNMMI Annual Meeting 2019

Jun 26, 2019: Conference hears of positive interim data from LuPIN trial

May 30, 2019: Noxopharm announces its DARRT-1 study fully enrolled

May 21, 2019: Debiopharm expands its immuno-oncology development program for Debio 1143, with the first IAP inhibitor/Nivolumab combination trial

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Number of Products by Stage and Molecule Types, H2 2019

### COMPANIES MENTIONED

Adamed Sp zoo

Ascenta Therapeutics Inc

Astex Pharmaceuticals Inc

Canget BioTekpharma LLC

Novartis AG

Noxopharm Ltd

Takeda Pharmaceutical Co Ltd

## I would like to order

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