

# Catenin Beta 1 (Beta Catenin or CTNNB1) - Pipeline Review, H2 2019

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## Abstracts

Catenin Beta 1 (Beta Catenin or CTNNB1) - Pipeline Review, H2 2019

### SUMMARY

Catenin Beta 1 (Beta Catenin or CTNNB1) - Catenin beta-1 or  $\beta$ -catenin is a protein that is encoded by the CTNNB1 gene. In the presence of Wnt ligand, CTNNB1 acts as a coactivator for transcription factors of the TCF/LEF family, leading to activate Wnt responsive genes. It is involved in the regulation of cell adhesion, CDK2/PTPN6/CTNNB1/CEACAM1 pathway of insulin internalization. It also acts as a negative regulator of centrosome cohesion. It blocks anoikis of malignant kidney and intestinal epithelial cells and promotes their anchorage-independent growth by down-regulating DAPK2.

Catenin Beta 1 (Beta Catenin or CTNNB1) pipeline Target constitutes close to 13 molecules. Out of which approximately 11 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase II, Preclinical and Discovery stages are 1, 5 and 5 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology, Gastrointestinal, Non Malignant Disorders and Respiratory which include indications Colorectal Cancer, Solid Tumor, Melanoma, Hepatocellular Carcinoma, Liver Cancer, Ovarian Cancer, Pancreatic Cancer, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Anaplastic Thyroid Cancer, Blood Cancer, Breast Cancer, Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Endometrial Cancer, Hemangiomas, Hematological Tumor, Hepatic (Liver) Tumor, Idiopathic Pulmonary Fibrosis, Leukemia, Liver Cirrhosis, Lung Cancer, Myelodysplastic Syndrome, Primary Biliary Cholangitis (Primary Biliary

Cirrhosis) and Prostate Cancer.

The latest report Catenin Beta 1 (Beta Catenin or CTNNB1) - Pipeline Review, H2 2019, outlays comprehensive information on the Catenin Beta 1 (Beta Catenin or CTNNB1) 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 Catenin Beta 1 (Beta Catenin or CTNNB1) 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.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Catenin Beta 1 (Beta Catenin or CTNNB1)

The report reviews Catenin Beta 1 (Beta Catenin or CTNNB1) 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 Catenin Beta 1 (Beta Catenin or CTNNB1) targeted therapeutics and enlists all their major and minor projects

The report assesses Catenin Beta 1 (Beta Catenin or CTNNB1) 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 Catenin Beta 1 (Beta Catenin or CTNNB1) 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 Catenin Beta 1 (Beta Catenin or CTNNB1)

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 Catenin Beta 1 (Beta Catenin or CTNNB1) 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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Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

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Aileron Therapeutics Inc

Boston Biomedical Inc

Circle Pharma Inc

Dicerna Pharmaceuticals Inc

Fog Pharmaceuticals Inc

iBeCa Therapeutics

PRISM Pharma Co Ltd

Propanc Biopharma Inc

Sapience Therapeutics Inc

Venn Therapeutics LLC

WntRx Pharmaceuticals Inc

Catenin Beta 1 (Beta Catenin or CTNNB1) - Drug Profiles

Antisense RNAi Oligonucleotide to Inhibit Beta Catenin for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BBI-801 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

exisulind - Drug Profile

Product Description

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R&D Progress

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Product Description

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R&D Progress

PRI-724 - Drug Profile

Product Description

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Product Description

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R&D Progress

Small Molecules to Inhibit Beta Catenin for Oncology - Drug Profile

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Product Description

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Product Description

Mechanism Of Action

R&D Progress

Synthetic Peptides to Inhibit Beta Catenin for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Synthetic Peptides to Inhibit Beta Catenin for Solid Tumor and Blood Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

VTX-003 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

## WX-024 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Catenin Beta 1 (Beta Catenin or CTNNB1) - Dormant Products

Catenin Beta 1 (Beta Catenin or CTNNB1) - Product Development Milestones

Featured News & Press Releases

Oct 21, 2019: Propanc Biopharma illustrates novel mode of action of PRP, suppressing EMT Pathways and Metastasis in Cancer Patients

Aug 21, 2019: Propanc Biopharma receives granted US patent covering additional composition claims for PRP

Aug 12, 2019: Propanc Biopharma publishes key data in peer reviewed journal confirming anti-cancer stem cell effects of Proenzymes

Aug 08, 2019: Propanc Biopharma completes development of bio-analytical assay method to quantify PRP active ingredients in preparation for first-in-human study

Jul 15, 2019: Propanc Biopharma provides update on preparation of PRP for clinical trial application submission and recently completed reverse stock split

Jun 27, 2019: Propanc Biopharmas Intellectual Property portfolio undergoes rapid growth

May 06, 2019: Propanc Biopharma appoints Dr. Ralf Brandt to its scientific advisory board

Apr 26, 2019: Announcement of the signing of a joint R & D agreement and commencement of development activities regarding "Research and development of innovative antifibrotic drugs to improve the life prognosis of cirrhosis"

Mar 25, 2019: Propanc Biopharma initiates development of bio-analytical assay in preparation for human trials

Mar 13, 2019: Propanc Biopharma receives notice of allowance for additional claims from foundation patent in the U.S.

Dec 20, 2018: Novel development drug OP-724 (PRI-724) for the treatment of cirrhosis is published on Nature Outline

Nov 14, 2018: Adoption as a practical realization development type of the cyclic innovation for clinical empowerment by the Japan Agency for Medical Research and Development

Aug 09, 2018: Propanc Biopharma selected to present at the 25th Annual NewsMakers in the Biotech Industry

Apr 10, 2018: Propanc Biopharma Completes Scientific Advice Meeting with MHRA

Mar 14, 2018: Propanc Biopharma Completes Successful Reproduction Run for PRP

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Circle Pharma Inc  
Dicerna Pharmaceuticals Inc  
Fog Pharmaceuticals Inc  
iBeCa Therapeutics  
PRISM Pharma Co Ltd  
Propanc Biopharma Inc  
Sapience Therapeutics Inc  
Venn Therapeutics LLC  
WntRx Pharmaceuticals Inc

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