

# Coagulation Factor XI - Pipeline Review, H1 2020

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## **Abstracts**

Coagulation Factor XI - Pipeline Review, H1 2020

#### **SUMMARY**

According to the recently published report 'Coagulation Factor XI - Pipeline Review, H1 2020'; Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) pipeline Target constitutes close to 22 molecules. Out of which approximately 21 molecules are developed by companies and remaining by the universities/institutes.

Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) - Factor XI or plasma thromboplastin antecedent is the zymogen form of factor Xia. Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. Inhibitors of factor XIa include protein Z-dependent protease inhibitor.

The report 'Coagulation Factor XI - Pipeline Review, H1 2020' outlays comprehensive information on the Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, Phase I and Preclinical stages are 6, 9 and 6 respectively.

Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Cardiovascular, Hematological



Disorders and Infectious Disease which include indications Thrombosis, Arterial Thrombosis, Venous Thromboembolism, Bleeding And Clotting Disorders, Venous (Vein) Thrombosis, Acute Ischemic Stroke, Hemophilia C (Factor XI Deficiency), Sepsis, Stroke, Atrial Fibrillation, Cerebral Infarction (Brain Infarction), Hemorrhagic Fever, Ischemic Stroke and Myocardial Infarction.

**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 Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27)

The report reviews Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) 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 Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) targeted therapeutics and enlists all their major and minor projects

The report assesses Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) 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 Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) 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 Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27)

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 Coagulation Factor XI (Plasma Thromboplastin Antecedent or F11 or EC 3.4.21.27) 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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Aronora Inc

Bayer AG

Bio Products Laboratory Ltd

Bristol-Myers Squibb Co

Cambryn Biologics LLC

eXithera Pharmaceuticals Inc

Ionis Pharmaceuticals Inc

Jiangsu Hengrui Medicine Co Ltd

Mochida Pharmaceutical Co Ltd

Ono Pharmaceutical Co Ltd

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Mechanism Of Action

R&D Progress

AB-012 - Drug Profile

**Product Description** 



Mechanism Of Action

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AB-022 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

abelacimab [INN] - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

BAY-1831865 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

BAY-2433334 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

BMS-262084 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

BMS-654457 - Drug Profile

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BMS-962212 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

coagulation factor XI (human) - Drug Profile

**Product Description** 

Mechanism Of Action

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coagulation factor XI (human) - Drug Profile

**Product Description** 

Mechanism Of Action

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coagulation factor XI (human) - Drug Profile



**Product Description** 

Mechanism Of Action

**R&D Progress** 

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Mechanism Of Action

**R&D Progress** 

IONIS-FXILRx - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

IONIS-FXIRx - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

milvexian - Drug Profile

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Featured News & Press Releases

Oct 28, 2019: Ionis Pharmaceuticals presents on its drug candidate IONIS-FXI-LRx at DIA/FDA Oligonucleotide Conference

Oct 09, 2019: Ionis' Factor XI anti-thrombotic medicine advances with Bayer following positive clinical results

Nov 13, 2017: eXIthera Presents Clinical Data on Novel Small Molecule FXIa Inhibitor EP-7041 at American Heart Association

Jul 03, 2017: Bayer To Present Data on BAY 1213790 at ISTH 2017

Nov 01, 2016: Ionis Pharmaceuticals Reports Positive Phase 2 Data for IONIS-FXI Rx in Patients with End-Stage Renal Disease on Hemodialysis

Jul 04, 2016: MorphoSys Receives Clinical Milestone for Start of Phase 1 Trial in Prevention of Thrombosis with Novel Antibody

Oct 30, 2015: Isis Pharmaceuticals Initiates Phase 2 Study of ISIS-FXI Rx in Patients with End-Stage Renal Disease on Hemodialysis

Feb 24, 2015: Bayer HealthCare and Aronora Establish Partnership for the Pre-Clinical Manufacturing of AB-022

Dec 07, 2014: Isis Pharmaceuticals Reports Positive Phase 2 Data for ISIS-FXI Rx for the Prevention of Venous Thrombosis in Patients Undergoing Total Knee Replacement Surgery

Nov 18, 2014: Isis Pharmaceuticals To Host Webcast To Discuss ISIS-FXI Rx Data Presented At The ASH Annual Meeting

May 22, 2014: Isis Pharmaceuticals Reports Positive Phase 2 Data for ISIS-FXI Rx in the Prevention of Venous Thrombosis in Patients Undergoing Total Knee Replacement Surgery

May 22, 2014: Cambryn Biologics Receives From FDA Orphan Drug Designation For Human Factor XI

Apr 19, 2013: CML HealthCare's Subsidiary Hemostasis Reference Labs Receives



Contract Extension From Isis Pharma

Oct 29, 2012: Isis Pharma Initiates Phase II Study Of ISIS-FXIRX In Patients

Undergoing Knee Replacement Surgery

Dec 12, 2011: Isis Reports Positive Phase I Data Demonstrating ISIS-FXIRx Reduces

Factor XI Activity Without Bleeding

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Disclaimer



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Pipeline by Aronora Inc, H1 2020

Pipeline by Bayer AG, H1 2020

Pipeline by Bio Products Laboratory Ltd, H1 2020

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#### **COMPANIES MENTIONED**

Anthos Therapeutics Inc

Aronora Inc

Bayer AG

Bio Products Laboratory Ltd

Bristol-Myers Squibb Co

Cambryn Biologics LLC

eXithera Pharmaceuticals Inc

Ionis Pharmaceuticals Inc

Jiangsu Hengrui Medicine Co Ltd

Mochida Pharmaceutical Co Ltd

Ono Pharmaceutical Co Ltd



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