

Factor XI inhibitors - Pipeline Insight, 2022

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Abstracts

This report can be delivered to the clients within 48 hours

DelveInsight's, "Factor XI inhibitors - Pipeline Insight, 2022" report provides comprehensive insights about 8+ companies and 8+ pipeline drugs in Factor XI inhibitors pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

Factor XI inhibitors Understanding

Factor XI inhibitors: Overview

Current anticoagulants target enzymes, including FXa or thrombin, in the common pathway of coagulation, but the intrinsic pathway at the level of FXI and FXII has attracted attention in recent years. The intrinsic pathway is activated when blood comes into contact with medical devices like stents, mechanical heart valves, or central venous catheters, but evidence also suggests that it plays a role in clot stabilization and growth, he explained, noting additional evidence of attenuation of thrombosis in mice deficient in FXI or FXII and in animals with FXI or FXII inhibitors. The initiators of the intrinsic pathway are naturally occurring polyphosphates that can activate FXI and FXII, promote platelet activation, and lead to thrombosis. Factor XI has emerged as a promising target for new anticoagulants, and several strategies for inhibiting the enzyme to reduce

stroke, thromboembolism, and bleeding risk are under investigation.

'Factor XI inhibitors - Pipeline Insight, 2022' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Factor XI inhibitors pipeline landscape is provided which includes the disease overview and Factor XI inhibitors treatment guidelines. The assessment part of the report embraces, in depth Factor XI inhibitors commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, Factor XI inhibitors collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

? The companies and academics are working to assess challenges and seek opportunities that could influence Factor XI inhibitors R&D. The therapies under development are focused on novel approaches to treat/improve Factor XI inhibitors.

Factor XI inhibitors Emerging Drugs Chapters

This segment of the Factor XI inhibitors report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

Factor XI inhibitors Emerging Drugs

IONIS FXI LRX: Ionis Pharmaceuticals

Fesomersen, formerly known as IONIS-FXI-LRx is a ligand-conjugated (LICA) investigational antisense medicine designed to reduce the production of Factor XI, a clotting factor produced in the liver that is an important component of the coagulation pathway. IONIS-FXI-LRx utilizes Ionis' advanced Ligand Conjugated Antisense (LICA) technology platform and is designed to reduce the production of Factor XI. In May 2015, Ionis entered into an exclusive license agreement with Bayer to develop and commercialize Ionis' programs targeting FXI for the treatment of clotting disorders. Under the agreement, Ionis has generated more than \$185 million to date, including a

\$10 million milestone payment Ionis earned with Bayer's continuation decision. It is currently being evaluated in Phase II stage of development for the treatment of Thrombosis.

AB 023: Aronora, Inc.

AB023 (xisomab 3G3) is a recombinant factor XI (FXI) antibody that specifically inhibits contact activation of blood. AB023 is entirely unique in the growing armamentarium of FXI targeting drugs under development since it specifically inhibits FXI activation by factor XII (FXII) without inhibiting FXI feedback activation by thrombin. Since FXII deficiency in humans does not result in any known bleeding side-effects, as opposed to FXI deficiency (also known as hemophilia C), AB023 could be an exceptionally safe antithrombotic agent. As such, AB023 represents a fundamentally novel antithrombotic concept. AB023 is currently in the phase 2 clinical trial stage. It is being developed to prevent various thrombotic complications associated with chronic hemodialysis, as well as to limit blood clot formation on catheters and other intravascular, intracardiac or extracorporeal medical devices.

Further product details are provided in the report.....

Factor XI inhibitors: Therapeutic Assessment

This segment of the report provides insights about the different Factor XI inhibitors drugs segregated based on following parameters that define the scope of the report, such as:

? Major Players in Factor XI inhibitors

There are approx. 8+ key companies which are developing the therapies for Factor XI inhibitors. The companies which have their Factor XI inhibitors drug candidates in the most advanced stage, i.e. phase II include Ionis Pharmaceuticals.

? Phases

DelveInsight's report covers around 8+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

? Route of Administration

Factor XI inhibitors pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Subcutaneous

Intravenous

Intramuscular

? Molecule Type

Products have been categorized under various Molecule types such as

Peptides

Polymer

Small molecule

? Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

Factor XI inhibitors: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Factor XI inhibitors therapeutic drugs key players involved in developing key drugs.

Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Factor XI inhibitors drugs.

Factor XI inhibitors Report Insights

- Factor XI inhibitors Pipeline Analysis

- Therapeutic Assessment

- Unmet Needs

- Impact of Drugs

Factor XI inhibitors Report Assessment

- Pipeline Product Profiles

- Therapeutic Assessment

- Pipeline Assessment

- Inactive drugs assessment

- Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing Factor XI inhibitors drugs?

How many Factor XI inhibitors drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Factor XI inhibitors?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Factor XI inhibitors therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for Factor XI inhibitors and their status?

What are the key designations that have been granted to the emerging drugs?

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Executive Summary

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? Mechanism of Action

? Signs and Symptoms

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Pipeline Therapeutics

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? Assessment by Stage and Product Type

? Assessment by Route of Administration

? Assessment by Stage and Route of Administration

? Assessment by Molecule Type

? Assessment by Stage and Molecule Type

Mid Stage Products (Phase II)

? Comparative Analysis

IONIS FXI LRX: Ionis Pharmaceuticals

? Product Description

? Research and Development

? Product Development Activities

Drug profiles in the detailed report.....

Early Stage Products (Phase I)

? Comparative Analysis

SHR-2285: Jiangsu Hengrui Medicine

? Product Description

? Research and Development

? Product Development Activities

Drug profiles in the detailed report.....

Preclinical Stage Products

? Comparative Analysis

A 336: Klus Pharma

? Product Description

? Research and Development

? Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

? Comparative Analysis

Factor XI inhibitors Key Companies

Factor XI inhibitors Key Products

Factor XI inhibitors- Unmet Needs

Factor XI inhibitors- Market Drivers and Barriers

Factor XI inhibitors- Future Perspectives and Conclusion

Factor XI inhibitors Analyst Views

Factor XI inhibitors Key Companies

Appendix

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