

# **Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) - Pipeline Review, H2 2018**

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## **Abstracts**

Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) - Pipeline Review, H2 2018

### **SUMMARY**

Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) pipeline Target constitutes close to 12 molecules. Out of which approximately 9 molecules are developed by companies and remaining by the universities/institutes. The latest report Neutrophil Elastase - Pipeline Review, H2 2018, outlays comprehensive information on the Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) - Neutrophil elastase is a serine proteinase. It is secreted from neutrophils. It is involved in inflammatory diseases, including idiopathic pulmonary fibrosis, rheumatoid arthritis, adult respiratory distress syndrome, and cystic fibrosis. It modifies the functions of natural killer cells, monocytes and granulocytes. It inhibits C5a-dependent neutrophil enzyme release and chemotaxis.

The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 5, 1, 2 and 1 respectively. Similarly, the universities portfolio in Discovery stages comprises 3 molecules, respectively. Report covers products from therapy areas Respiratory, Immunology, Central Nervous System, Genetic Disorders, Oncology, Cardiovascular, Gastrointestinal, Hematological Disorders, Infectious Disease, Metabolic Disorders and Toxicology which include indications Cystic Fibrosis, Inflammation, Alpha $\alpha$ 1-Antitrypsin Deficiency, Bronchiectasis, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Bronchiolitis Obliterans, Chemotherapy Effects, Emphysema, Ischemia Reperfusion Injury, Lung Disease, Lung Injury, Lung Transplant Rejection, Myelodysplastic Syndrome, Neuromyelitis Optica (Devic's Syndrome), Neutropenia, Non-Alcoholic Steatohepatitis (NASH), Primary Ciliary Dyskinesia, Pulmonary Arterial Hypertension, Refractory Acute Myeloid Leukemia, Thrombocytopenia, Traumatic Brain Injury, Type 2 Diabetes and Vascular Injury.

Furthermore, this report also reviews key players involved in Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) 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 Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37)

The report reviews Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) 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 Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) targeted therapeutics and enlists all their major and minor projects

The report assesses Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) 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 Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) 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 Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37)

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 Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) 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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Cantex Pharmaceuticals Inc

Chiesi Farmaceutici SpA

Kyorin Pharmaceutical Co Ltd

Santhera Pharmaceuticals Holding AG

Sumitomo Dainippon Pharma Co Ltd

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Featured News & Press Releases

Jun 04, 2018: Cantex Pharmaceuticals Announces That Clinical Trial Data For CX-01 In Refractory Acute Myeloid Leukemia And Myelodysplastic Syndrome Will Be Presented At The 2018 ASCO Annual Meeting

Mar 12, 2018: Publication in Blood Advances Reports that the Combination of Cantex Pharmaceuticals CX-01 with Chemotherapy for the Treatment of Acute Myeloid Leukemia Showed Encouraging Complete Remission Rates and Rapid Platelet Count Recovery

Jan 03, 2018: Cantex Pharmaceuticals Announces FDA Orphan Drug Designation Has Been Granted to CX-01 for Treatment of Acute Myeloid Leukemia

Jun 06, 2016: Polyphor successfully completes clinical Phase I study with POL6014 targeting life threatening lung diseases including cystic fibrosis

Jun 06, 2016: Proteo receives US\$ 1 million grant for a new Elafin drug formulation

Mar 23, 2016: Polyphor announces \$3 Million Award from Cystic Fibrosis Foundation Therapeutics to advance the clinical development of POL6014

Mar 02, 2016: New Patent Issued to Cantex Pharmaceuticals for Its Lead Product Candidate in the Treatment of Thrombocytopenia and Neutropenia

Sep 01, 2015: Polyphor extends clinical development portfolio by advancing its inhaled elastase inhibitor POL6014 for lung diseases to Phase I

Jun 01, 2015: Cantex Pharmaceuticals Announces Poster Presentation at ASCO 2015 Indicating Potential Efficacy of CX-01

May 18, 2015: Cantex Pharmaceuticals Announces Efficacy and Safety Data from Study of CX-01 in AML to be Presented at 2015 ASCO Annual Meeting

Mar 12, 2015: Elafin combined with cyclosporine promises to overcome limitations of cyclosporine for preventing irreversible damage to transplanted organs

Nov 21, 2014: Final Analysis of the Phase II Clinical Study on Elafin in coronary artery bypass surgery completed

May 20, 2014: \$ 4.8 Million Funding for Proteo's Advanced Orphan Drug Development

Nov 08, 2013: Proteo, Inc. / Proteo Biotech AG: Patient Recruitment and Treatment in Elafin CABG Phase II Clinical Trial Completed

Mar 20, 2013: Proteo's Elafin Obtains FDA Orphan Drug Designation For Prevention Of Inflammatory Complications Of Transthoracic Esophagectomy

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AstraZeneca Plc

Cantex Pharmaceuticals Inc

Chiesi Farmaceutici SpA

Kyorin Pharmaceutical Co Ltd

Santhera Pharmaceuticals Holding AG

Sumitomo Dainippon Pharma Co Ltd

## I would like to order

Product name: Neutrophil Elastase (Bone Marrow Serine Protease or Elastase 2 or Medullasin or PMN Elastase or Human Leukocyte Elastase or ELANE or EC 3.4.21.37) - Pipeline Review, H2 2018

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