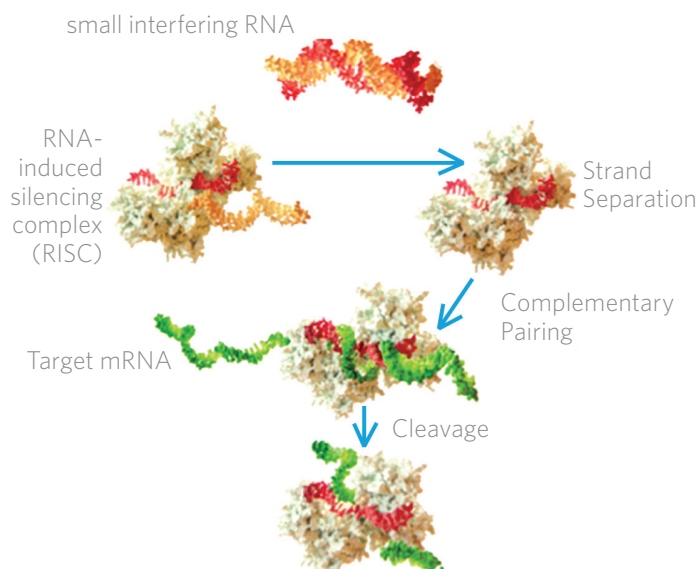


# Anylam Pharmaceuticals

## *Focused on Developing RNAi Therapeutics*

Anylam is a biopharmaceutical company leading the development of RNA interference (RNAi) therapeutics. The discovery of RNAi has been heralded as a major scientific breakthrough, and represents one of the most promising and rapidly advancing frontiers in biology and drug discovery today.

RNAi is a revolution in biology—a breakthrough in understanding how genes are expressed or silenced in cells. RNAi is a natural mechanism of gene silencing that occurs in organisms ranging from plants to mammals. RNAi therapeutics in development have the potential to treat diverse disease states and help patients in a fundamentally new way.



## Investigational RNAi Therapeutics

### *Active Product Pipeline and Experience to Date*

RNAi therapeutics in development by Anylam are engineered to enable a consistent level of target knockdown. Anylam's pipeline of investigational RNAi therapeutics is focused in four Strategic Therapeutic Areas (STARs): **Genetic Medicines, Cardio-Metabolic Disease, Hepatic Infectious Disease, and CNS Diseases**. These STARs represent a range of diseases from rarest to most common globally.



\* As of November 2018 across all active programs. Numbers are approximate as many studies are ongoing and several are blinded.

To learn more about Anylam and our pipeline advancements, please visit [Anylam.com](http://Anylam.com)

# Our Pipeline

Focused in 4 Strategic Therapeutic Areas (STAr):

- Genetic Medicines
- Cardio-Metabolic Diseases
- Hepatic Infectious Diseases
- CNS Diseases

		HUMAN POC <sup>1</sup>	BREAKTHROUGH DESIGNATION	EARLY STAGE <small>(IND or CTA Filed-Phase 2)</small>	LATE STAGE <small>(Phase 2-Phase 3)</small>	REGISTRATION/ COMMERCIAL <sup>3</sup>	COMMERCIAL RIGHTS
<b>ONPATTRO™</b> (patisiran) <sup>2</sup>	<i>Hereditary ATTR Amyloidosis</i>					<span style="color: #0070C0;">●</span>	Global
<b>Givosiran</b>	<i>Acute Hepatic Porphyrias</i>				<span style="color: #0070C0;">●</span>		Global
<b>Fitusiran</b>	<i>Hemophilia and Rare Bleeding Disorders</i>				<span style="color: #0070C0;">●</span>		15-30% royalties
<b>Inclisiran</b>	<i>Hypercholesterolemia</i>				<span style="color: #800040;">●</span>		Milestones & up to 20% royalties
<b>Lumasiran</b>	<i>Primary Hyperoxaluria Type 1</i>				<span style="color: #0070C0;">●</span>		Global
<b>Vutrisiran</b>	<i>ATTR Amyloidosis</i>				<span style="color: #0070C0;">●</span>		Global
<b>Cemdisiran</b>	<i>Complement-Mediated Diseases</i>			<span style="color: #0070C0;">●</span>			Global
<b>ALN-AAT02</b>	<i>Alpha-1 Liver Disease</i>			<span style="color: #0070C0;">●</span>			Subject to partner option rights
<b>ALN-HBV02</b> (VIR-2218)	<i>Hepatitis B Virus Infection</i>			<span style="color: #4B0082;">●</span>			50-50 option rights post-Phase 2

<sup>1</sup>POC, proof of concept - defined as having demonstrated target gene knockdown and/or additional evidence of activity in clinical studies

<sup>2</sup>Approved in the U.S. for the polyneuropathy of hATTR amyloidosis in adults, and in the EU for the treatment of hATTR amyloidosis in adults with stage 1 or stage 2 polyneuropathy

<sup>3</sup>Includes marketing application submissions

As of December 2018