Case studies on rare disease therapies development A laboratory of ideas for European innovation leadership – Alnylam perspective

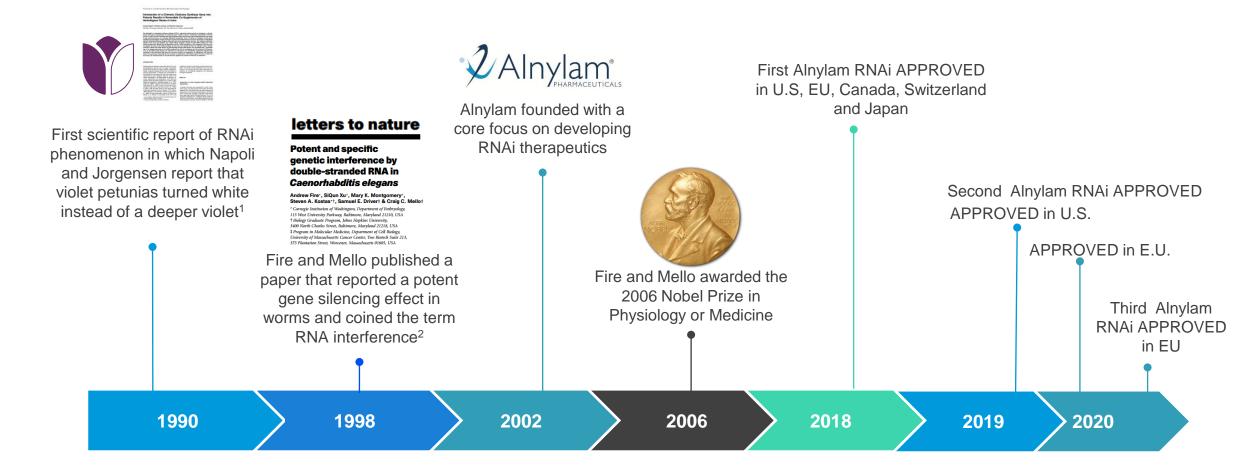


Julien Patris General Manager Belgium and Luxembourg Head of Policy, Europe



RNAi Therapeutics: A Timeline

From Observation to Nobel Prize to Innovative Medicines in ~3 Decades





Patient Access does not stop at reimbursement, and multiple factors may impact revenues and growth

(Primary) Pricing and Reimbursement	(Secondary) Pricing and Reimbursement	"Actual" patient access	Additional pharmaceutical expenditure control measures	Kevenues
 Revenue per patient Price Mandatory rebates Risk-sharing (commercial) agreements and rebates <i>mater and rebates</i> <i>mater and</i>	Additional discounts or restrictions at Regional / Hospital / individual patient level	 Epidemiology and number of patients diagnosed % of "patient share" - therapeutic competition & use of other alternatives Actual treatment use 	 Pharmaceutical taxes Price & Reimbursement revision (mandatory or as part of risk-sharing agreement) Ad-hoc cost-containment measures i.e. price cut 	Revenue-erosion factors

Leveraging Pricing and Reimbursement for holistic industrial and public health policy – new models are merging



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- Reward innovation & value
- Provide room for growth & revenues for fast-growing biotech companies investing in setting-up their local operations
- Create safeguard to anticipate and mitigate any uncertainty on the value of the product, or the financial impact related to its introduction
- Incentivize reinvestment of revenues into local R&D or Public Private Partnership

From minimizing cost to maximizing ROI of pharmaceutical spending on innovative drugs



Getting there is a shared responsibility, and we need a new Social Contract between Biotech and Society

70 leaders from Biotech and VCs ready to find game-changing solutions



Life science leaders sign new 'Biotech Social Pact' for Europe

September 30, 2020

The signatories of a new <u>Biotech Social Pact</u> with Europe and patients explain why healthcare calls for a new social contract, not a pharmaceutical strategy.

As Europe continues its efforts to battle the Covid-19 pandemic, it is rightfully focusing its attention on the longer-term implications of this crisis. One common thread is clearly emerging from EU and national discussions: to reinforce Europe's "strategic autonomy" and "technological sovereignty" in key industrial sectors.

This is a key theme of the EU recovery plan but also the EU4Health and expected new "Pharmaceutical Strategy" that will "aim to ensure Europe's supply of safe and affordable medicines to meet patients' needs and support the European

Medium	Politico	
A new European Biotech Social Pact with Europe and Patients	Biotech leaders pledge to prioritize patients, not profits	
Biotech Social Pact Follow Sep 30 - 6 min read	By Ashleigh Furlong 9/29/20, 9:37 AM CET <u>View in your browser</u>	
We the undersigned leaders in the biotechnology industry and life science investors in Europe and in the US recognize that at this pivotal moment in the history of our industry, we are at the dawn of a golden age of medicine. We will soon have the ability to treat and cure diseases which have been untreatable and incurable.	Over 60 leaders of biotech companies have promised to put patients' interests first in a "social pact" that commits to the ethical use of incentives and reinvestment in Europe.	

Pharmaph	orum	
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NRC

N.B. Het kan zijn dat elementen ontbreken aan deze printversie.

Leiders in biotech beloven 'ethische' omgang met prijzen en patenten

Dure medicijnen Zestig directeuren uit de biotechsector beloven 'integer' te zullen handelen als zij nieuwe medicijnen op de markt brengen.



