

**Nanobodies® – Powerful platform generating innovative drug candidates**

Ablynx is dedicated to creating new medicines which will make a real difference to society. The Company develops Nanobodies®, proprietary therapeutic proteins based on single-domain antibody fragments. Due to their small size and unique structure, Nanobodies offer multiple advantages making them ideal building blocks for the generation of novel highly potent biological drugs. Ablynx has over 45 proprietary and partnered programmes in development across various therapeutic areas including inflammation, haematology, immuno-oncology and respiratory disease. The Company has collaborations with multiple leading pharmaceutical companies including AbbVie, Boehringer Ingelheim, Eddingpharm, Merck & Co, Inc., Merck KGaA, Novartis, Novo Nordisk and Taisho Pharmaceuticals, which have generated >€400M in non-dilutive cash to date and that have the potential to deliver >€7Bn in future milestones plus royalties.

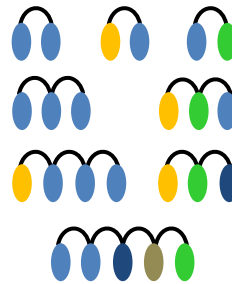
**Rapid generation of novel biologics**



Immunise llamas with antigen and/or use proprietary synthetic Nanobody phage libraries



Generate a wide range of highly diverse Nanobodies with 0.1-10nM affinities



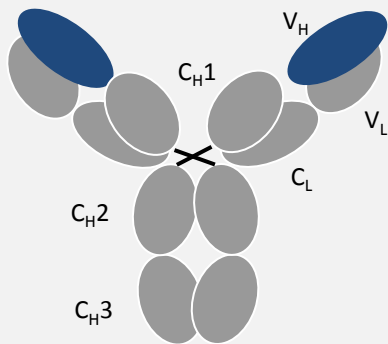
Specifically formatted Nanobodies



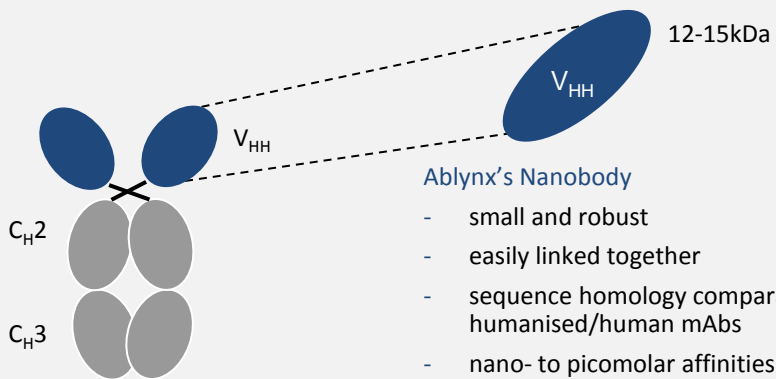
Cloned into microbial systems and produced through fermentation

**12-18 months**

**Derived from heavy-chain only antibodies**



Conventional antibodies



Heavy chain only antibodies

**Ablynx's Nanobody**

- small and robust
- easily linked together
- sequence homology comparable to humanised/human mAbs
- nano- to picomolar affinities
- able to bind and block challenging targets
- multiple administration routes
- manufacturing in microbial cells

**Corporate highlights**

- Proprietary platform: unique, powerful and broadly validated next generation biologics platform with >500 granted and pending patents
- Broad product pipeline: >45 wholly-owned and partnered programmes; 8 Nanobodies in clinical development; first potential product commercialisation in 2018
- Clinical data: Phase I/II clinical proof-of-concepts for 5 Nanobodies achieved; supportive safety profile in >1,500 patients
- Partners: multiple discovery and drug development partnerships with top tier pharma companies
- Cash position: €209M in cash at 31 March 2017
- Corporate: founded in 2001; IPO in 2007 (Euronext Brussels); ~400 staff in Ghent, Belgium

Team	Investment case
<p><b>Board of Directors:</b>            Peter Fellner, Chairman            Edwin Moses, CEO            Russell G. Greig            Bo Jesper Hansen            William Jenkins            Catherine Moukheibir            Lutgart Van den Berghe            Remi Vermeiren</p> <hr/> <p><b>Executive Management:</b>            Edwin Moses, CEO            Antonin de Fougères, CSO            Robert K. Zeldin, CMO            Wim Ottevaere, CFO            Johan Heylen, CCO            Guido Gielen, VP HR            Frank Landolt, VP IP &amp; Legal</p>	<ul style="list-style-type: none"> <li>- Unique and validated technology platform generating innovative drug candidates in a wide range of therapeutic areas, utilising different routes of administration</li> <li>- Well funded business supporting the development of &gt;45 programmes, both wholly owned and in partnership, offering a balanced risk/reward profile</li> <li>- Company has the potential to launch its first product in 2018, caplacizumab, a first-in-class therapy for acquired thrombotic thrombocytopenic purpura in an estimated €800M market</li> <li>- Multiple partnerships with pharmaceutical companies that have the potential to generate &gt;€7Bn in non-dilutive cash plus royalties on net sales</li> <li>- Strong pipeline with numerous short and medium term pre-clinical, clinical and regulatory catalysts expected from the proprietary and partnered programmes</li> </ul>

### Diversified Shareholder Base – Break down of share capital

- Ordinary shares listed on Euronext (ABLX)
- Sponsored Level I ADRs on the US OTC market (ABYLY)
- 61.1M shares outstanding
- 3.1M outstanding warrants (in number of shares)

### 5-year share price performance:

Market Cap (31 May 2017): €717M  
Source: Euronext

### Hybrid business model fuels the product pipeline: >45 programmes, 8 Nanobodies in the clinic, 8 partners

Product	Indication	Target	Pre-clinical	Phase I	Phase II	Phase III	Filing	Catalysts	Partners
caplacizumab	aTTP	vWF	█	█	█	█	★	Phase III data H2 2017	Ablynx
vobarilizumab	RA SLE	IL-6R IL-6R	█	█	█			SLE Phase II data H1 2018	Ablynx + abbvie
ALX-0171	RSV	RSV	█	█	█			Ph IIb data H2 2018	Ablynx
Up to 17 programmes	Immuno-Oncology	Various	█						
ozoralizumab	RA RA	TNFα TNFα	█	█	█	Japan			MERCK TAISHO EDDING MORCK
ALX-0761/M1095	Psoriasis	IL-17A/IL-17F	█	█					MORCK
ALX-1141	Osteoarthritis		█	█					MORCK
BI 836880	Oncology	VEGF/Ang2	█	█					Boehringer Ingelheim
BI 655088	Chronic kidney disease	CX3CR1	█	█					Boehringer Ingelheim
NA	Inflammation	CXCR2	█	█					NOVARTIS
ALX-0141	Bone disorders	RANKL	█	█		Greater China			EDDING MORCK Boehringer Ingelheim
>15 wholly-owned and partnered programmes			█						Ablynx

★ Filing in EU based on Phase II TITAN data

### Contact details

### Media & analyst relations

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