

**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., Kenilworth, New Jersey, USA; Merck KGaA; Novartis; Novo Nordisk; Sanofi and Taisho Pharmaceuticals, which have generated >€450M in non-dilutive cash to date and that have the potential to deliver >€10Bn in future milestones plus royalties.

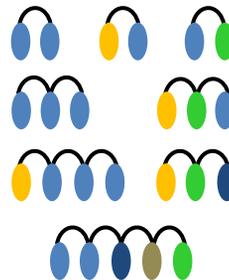
**Rapid generation of novel biologics**



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

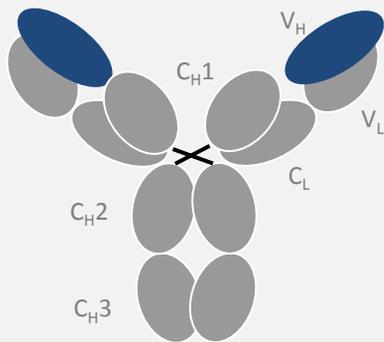


Cloned into microbial systems and produced through fermentation

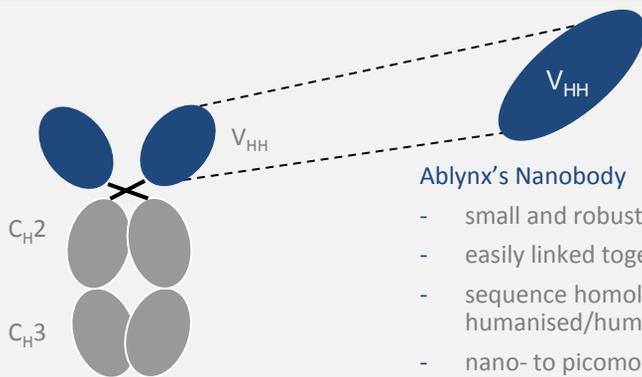
12-18 months



**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 >2,000 patients
- Partners: multiple discovery and drug development partnerships with top tier pharma companies
- Cash position: €209M in cash at 30 September 2017
- Corporate: founded in 2001; Listed on Euronext Brussels and Nasdaq; >450 staff in Ghent, Belgium

Team
<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 Hilde Windels
<b>Executive Management:</b> Edwin Moses, CEO Robert K. Zeldin, CMO Wim Ottevaere, CFO Johan Heylen, CCO Markus Ewert, CBO Guido Gielen, VP HR Frank Landolt, VP IP & Legal

Investment case
<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;€10Bn 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**

- Listed on Euronext Brussels and Nasdaq (ABLX)
- 74.7M shares and 2.4M warrants (in number of shares) outstanding
- Market Cap (Nov 2017): >€1.3Bn
- Euronext Brussels (ABLX) – since Nov 2007:
  - Price 52W: €18.28 (high) - €8.85 (low)
  - Avg volume: >400,000
- Nasdaq (ABLX) – since Oct 2017:
  - Price: \$23.66 (high) - \$17.75 (low)
  - Avg volume: >500,000

Estimated breakdown of share capital based on public filings (status 29 November 2017)



**Hybrid business model fuels the product pipeline: >45 programmes, 8 Nanobodies in the clinic, 9 partners**

Product	Indication	Target	Pre-clinical	Phase I	Phase II	Phase III	Filing	Partners
caplacizumab	aTTP	vWF	█	█	█	█	★	Ablynx
vobarilizumab	RA SLE	IL-6R IL-6R	█	█	█			Ablynx Ablynx + abbvie
ALX-0171	RSV	RSV	█	█	█			Ablynx
Up to 17 programmes	Immuno-Oncology	Various	█					MERCK
Up to 8 programmes	Immuno-Inflammation	Various	█					SANOFI
ozoralizumab	RA RA	TNFα TNFα	█	█	█	Japan		TAISHO EDDINGZ PHARM
ALX-0761/M1095	Psoriasis	IL-17A/IL-17F	█	█	█			MERCK
ALX-1141/M6495	Osteoarthritis	ADAMTS-5	█	█	█			MERCK
BI 836880	Oncology	VEGF/Ang2	█	█	█			Boehringer Ingelheim
BI 655088	Chronic kidney disease	CX3CR1	█	█	█			Boehringer Ingelheim
ALX-0141	Bone disorders	RANKL	█	█	█	Greater China		EDDINGZ PHARM
>20 wholly-owned and partnered programmes			█					MERCK Boehringer Ingelheim Ablynx

★ Filing in EU based on Phase II TITAN data

**Contact details**

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