



Henlius

Henlius



Quality

HLX02 (Trastuzumab) EU GMP Status Update

April, 2020

Disclaimer

复宏汉霖、陈述人或提供人对本文件内容（本文件内容有可能包括前瞻性陈述），均不作出明示或默示的保证、声明或陈述（包括但不限于：本内容针对任何特定对象的所具有的及时性、通用性、精确性，或者关于使用本文件内容所获得信息无误可信的声明）。如因有关内容存在错误、遗漏或失准之处而引致的行为或结果，复宏汉霖、陈述人或提供人对此不承担责任。

本文件及其中所包含内容的所有权利包括版权均由复宏汉霖独家所有，其中相关的“Henlius”和“复宏汉霖”字样、图案及相关LOGO标识均为复宏汉霖合法所有的字号、商标和标识。未经复宏汉霖书面同意，任何第三方不得以包括转载在内的任何方式加以使用。

本文件内容不包含亦不应被视为任何建议（包括但不限于医疗建议、投资建议），您基于本文件中内容做出的任何决策，责任自负。

Henlius, the representor or the provider does not make express or implied warranties, statements or representations on the content of this document (the content of this document may also include forward-looking statements), including but not limited to statements about the timeliness, universality and accuracy of the content for any specific purpose or with regard to the correctness of the information obtained by using the content of this document. If any conduct or consequence is caused due to any mistake, omission or incorrectness of relevant content, Henlius, the representor or provider shall not be liable.

All rights, including copyrights, of this document and the content contained herein shall be exclusively owned by Henlius, among which the relevant words “Henlius” and “复宏汉霖”, patterns and relevant logos are the names, trademarks and logos legally owned by Henlius. No third-party could use them by any means including reproduction without written consent from Henlius.

The content of this document does not include and shall not be deemed as any advice (including but not limited to medical advice and investment advice). You shall be liable for any decision made by yourself based on the content of this document.

Mission & Vision

Mission

“To improve patients’ lives by timely providing them with **quality** and **affordable** protein therapeutics through technical **innovation** and operation **excellence**.”

▶ **Reliable Quality**

▶ **Affordable Innovation**

▶ **Biosimilars + Bio-innovatives + Combo**

▶ **For Patients, Quality, and Affordability**

Vision

“Be the most **trusted** and **admired** biotech company providing innovative and **affordable** medicines to **all patients**.”



1

----- **Trastuzumab)**
EU GMP Approval

1.1

Henlius HLX02 (Trastuzumab) of Xuhui Facility Received Official EU GMP Approval

- Certified product: HLX02 (trastuzumab for injection) (lyophilized powder)
- Issued by: Chief Pharmaceutical Inspector (a health regulatory body in Poland)
- Certification scope: production, quality management, lyophilized drug product line in Xuhui facility
- Valid period: 3 years

- According to the CMD mutual recognition system of EU member states, the Company's Xuhui Facility has met the GMP standards of the EU
- EU GMP certification can be mutually recognized and shared among nearly 30 member states
- Inspection results can be shared with nations such as U.S. and Canada which signed Mutual Recognition Agreement (MRA)

- "EU Guidelines for Biosimilars" (CHMP/47/04) took effect in 2005, the first guiding principle for biosimilar research and evaluation
- EU GMP certification is one of the world's most authoritative and stringent certifications, it has a significant global influence and is recognized as a "gold standard" for pharmaceutical quality

Xuhui Facility



HLX02 Registration Application Process





Henlius Established Strict Quality System Based on Global Standards since Inception

Inspection Org	Expert	Fosun Group	Business Partners	NMPA	SFDA	Foreign Drug Regulatory Agencies
Inspection #	30	9	3	4	20	1
Inspection Reason	Continuous improvement of quality system	Routine Inspection	DD/Quality audit	NDA Inspection	- New Drug Application - GMP Certification - Manufacturing Permission	EMA Marketing Authorization Application
Inspection Scope	All Quality Systems	All Quality Systems	All Quality Systems	All Quality Systems	All Quality Systems	All Quality Systems

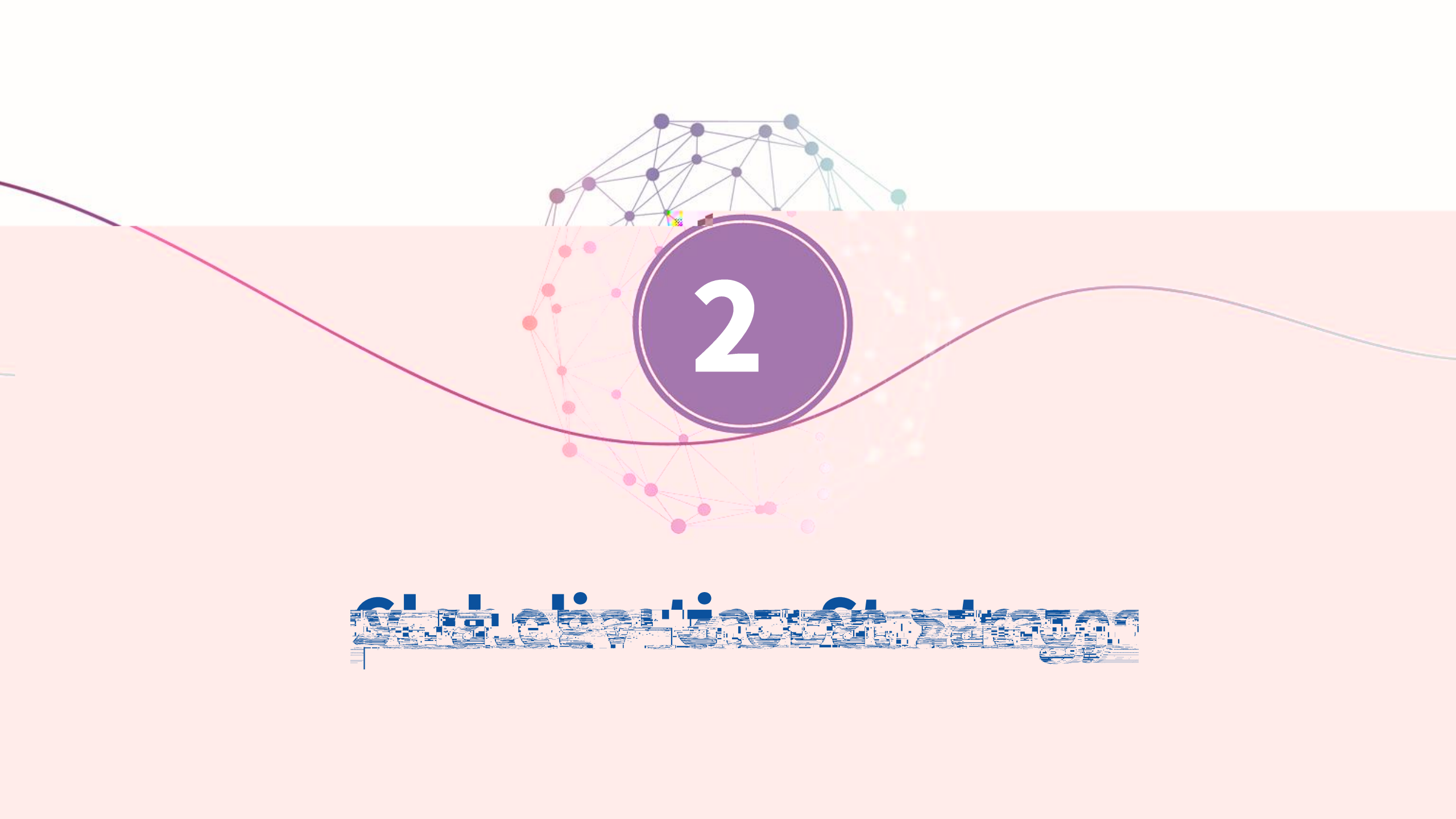
- Conducted multiple inspections / audits with the help of domestic and foreign regulators
- Invited domestic and foreign experts for mock audit / consultation, (e.g. UK, Poland, US)
- Completed more than 1,600 quality system improvements

1.5

A Significant Value for Facilitating with EMA/FDA GMP Certification

High Deal Value in Biotech Deal

	Acquirer	Owner of Manufacturing Facility	Facility Information	Acquisition Time	Deal Value (USD)
1	 FUJIFILM Value from Innovation	 Biogen	■ Deal Location : Denmark ■ Capacity: - 6 X 15,000L Bioreactors ■ Certification: EMA	2019	~\$890M
2	 Catalent CONSUMER HEALTH	 COOK [®] PHARMICA	■ Deal Location : USA ■ Capacity: - 3 X 3,500L Bioreactors - 3 X 1,500L Bioreactors - 100L Bioreactors ■ Certification: FDA	2017	~\$950M
3	 AGC	 CMC biologics	■ Deal Location : USA/Denmark ■ Capacity: - 1 X 2,000L Bioreactor - 2 X 1,500L Bioreactors - 5 X 3,000L Bioreactors ■ Certification: FDA/EMA	2016	~\$510M



2

Globalization

2.1

Advance with High Quality Standard – Implementation of Globalization Strategy of HLX02 (Trastuzumab)

Our Partner Accord Will Commercialize HLX02 for EU While Henlius Will Be Responsible for China Market

Henlius/Accord Transaction Regarding HLX02

- Henlius grants Accord exclusive license to commercialize HLX02 in Territory (53 countries in Europe, 17 in Middle-East North Africa, and some CIS countries) including but not limited to sales, import, distribution, and other commercialization activities
- Henlius will receive milestone payments (not exceeding USD 40.5 million) and royalties
- Through its global R&D, manufactory and sales network, Accord will accelerate the expansion of overseas market

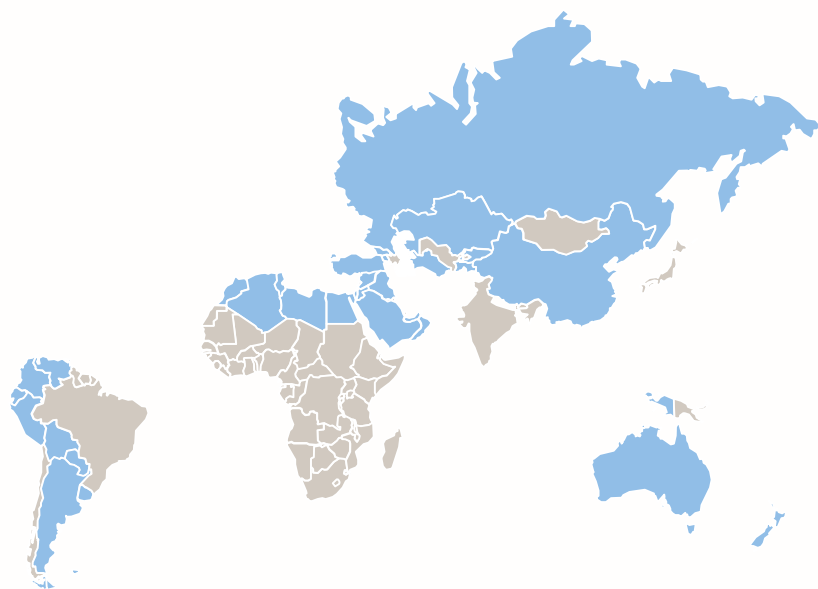
About Accord

- Accord is a **global** pharmaceutical company primarily engaged in the business of developing, manufacturing and marketing generic products and biosimilars in North America, Europe, Australia, South Africa, and other regions
- Ranked **top three** in Europe for sales of generics, and **No.1** for sales of generics in **oncology**
- **+ 8,500 generic products** on market, covering more than 85 countries with a strong portfolio of products in areas including cancer, heart disease, mental illness, and diabetes
- Products manufactured under International Standards in plants approved by USFDA, MHRA, EMA, TGA, MCC, ANVISA, etc
- Committed to providing high quality and affordable products and services to patients, with the goal of becoming the world's leading healthcare provider

Key terms

Licensors	Shanghai Henlius Biotech Inc.
Licensee	Accord Healthcare Limited
Effective Date	2018-06
Product	HLX02 (Trastuzumab)
Territory	Europe, Middle-East North Africa , Commonwealth of Independent States ("CIS")
License granted to Accord	Exclusive rights for the commercialization of the Product and exclusive supply
Milestone Payments	▪ Upfront on the effective date: USD 8 million ▪ Upon EMA' s acceptance of the MAA submission: USD 5 million ▪ On Day 105 of the centralized procedure: USD 5 million ▪ Upon EMA' s approval of the MAA: USD 5 million
Royalties	13.5%-25% of the net sales

US CMB A powerful step closer to a Strong Global Commercialization with Our Strategic Partners



Note: as of March 31, 2020



3

Review and Outlook

3.1 Henlius Commercialization Strategy

for key products, HLX02 in 2020 focus of 2020, will become an engine and a cornerstone of Henlius commercialization

Innovation of commercialization model:

Win-Win strategy of multiple-party cooperation: actively collaborate with multiple partners such as PhIRDA, building a domestic biosimilar ecosystem together, demonstrating “the most reliable” value

Business development:

Enhance manufacturing capacity:

- Accelerate capacity **anticipation and maximization**, as well as build brand image of “**Safe, Stable, Effective, Affordable**”
- Strategic planning of long-term domestic and overseas biopharmaceutical manufacturing base

Optimize operation:

Sales team management
Market penetration
Access (pricing strategy, payment plan etc)

Organization model based on talent + ability + culture:

- Best talent
- Highly efficient team
- Strong focus on Compliance

Recent Progress Strengthens Our Confidence to Achieve Full Year Target

	Major Milestones	Current Status	Guidance
Products /Development	- HLX02 EMA MAA approval - HLX02 China NDA approval - Other products	- GCP、GMP approved - On progress as scheduled - On progress as scheduled	- HLX02 approved in EU in 2H20 - HLX02 China approval and launch in mid-2020
Manu-facturing	- HLX01 2,000L sNDA approved - Songjiang Plant One pilot production	- Approved on April 14, 2020 (see previous announcement) - Pilot production started in early April 2020	- End of April/ early May 2Q20
Others	STAR board (A share) listing	Kick-off 2020 (on March 31, see previous announcement)	



Reliable Quality | **Affordable** Innovation

