

# Henlius (2696.HK) 2024 Interim Results Investor Presentation

August 2024





# 01

# 2024 1H Business Highlights & Company Strategy



# Revenue Tops 2.7B RMB with Net Profit of 386M RMB



# Our Mission and Vision

Affordable Innovation Reliable Quality



## **Biosimilars**

Maximize the commercialization value in China and international markets

## **Innovative Drugs**

Explore new mechanisms, new technology platforms and expand the therapeutic area coverage



### Globalization

Develop towards a biopharma with global presence & scale



# The Sales Growth of Marketed Biosimilars Accelerated; Multiple Pipeline Products Planned for Global Presence

- 2024 1H sales revenue of biosimilars reached 1.80 billion RMB, 12.8% YoY growth
- The biosimilar pipeline covered globally popular targets such as HER2, RANKL, CTLA-4, CD38 and conducted MRCT for global market expansion
- HANQUYOU BLA was approved by FDA, being the first product for commercial launch in US



Revenue recognized by Henlius in 2023. Total revenue recognized by Fosun Pharma
 Including Zercepac<sup>®</sup> and drug substance

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(ex China) and clinical trials



# Serplulimab Entered into a New High-growth Stage of Commercialization with Differentiated Advantage



## 678M RMB

- 20241H sales revenue reached 678M RMB
- In March 2023, serplulimab achieved over RMB 100M monthly sales in China for the first time, representing its commercialization stepping up into new stage
- By the end of 2024 1H, serplulimab has completed tendering platform listing for all 31 provinces in China, and established a commercial team of ~630 people with strong professional communication skills and sales experience in oncology



### Clinical Advantages

# Serplulimab recommended by 9 *Diagnosis and Treatment Guidelines of CSCO in 2023*

• Including 2023 CSCO Diagnosis and Treatment Guidelines for SCLC, NSCLC, EC, CRC and Clinical Application Guideline for immune checkpoint Inhibitor etc.

#### Publication

- In 2024, ASTRUM-004 published online in *Cancer Cell* as its cover feature
- In 2024, results of exploratory biomarker analysis of pivotal clinical trial ASTRUM-005 of serplulimab initially released at AACR
- In 2024, advances in immunotherapy for mCRC: serplulimab combo published in *MED*



### Differentiated Indications

#### ES-SCLC (marketed):

ASTRUM-005 mOS: 15.8 vs 11.1 months

#### GC (Phase 3):

Expected to be the world leading and the only perioperative immune drug in China for GC

#### LS-SCLC (Phase 3):

Expected to be the world's first PD-1 for the treatment of LS-SCLC

#### mCRC (Phase 2/3):

Phase 2 clinical data of 1L mCRC has been presented in ASCO with the mPFS of 16.8 months; expected to become the first approved PD-(L)1 for 1L mCRC



# **R&D for Innovative Drugs: Beyond Oncology, Expanding into New TAs**

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#### **Product Type & Introduction**

- ✓ Henlius pipeline contains 51 molecules and 14 R&D platforms
- Pipeline focuses around oncology while starting to explore new TAs including Autoimmune / Ophthalmology / Metabolic / Rare Disease...







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(1) SMC: Small molecule conjugates; AXC: Antibody X conjugates, including AEC, AOC & ADC

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# **Globalization Has Entered into Substantial Development Stage**



#### (Marketed) HLX10-serplulimab

 Serplulimab has been approved in Indonesia, Thailand, and Cambodia for 1L ES-SCLC, becoming the first marketed China-made PD-1 mAb in Southeast Asia



#### Serplulimab MAA under EMA review

PD-(L)1 market in Europe Expected to exceed US\$28B<sup>1</sup> in 2030



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#### Serplulimab bridging study in the US is in progress

PD-(L)1 market in the US Expected to reach US\$48.4B<sup>1</sup> in 2030

#### Explore potential market with unmet medical needs

PD-(L)1 market in Japan Expected to exceed US\$8.4B<sup>1</sup> in 2030

#### (Marketed) HLX02-trastuzumab biosimilar, HLX01-rituximab biosimilar

 HANQUYOU (HLX02) has marketed in 40+ countries and regions, including US, EU, Australia, Argentina, Saudi Arabia, Singapore etc. The 2024 ex-China sales of HANQUYOU (revenue reported by Henlius) has reached RMB 68M

• HANLIKANG (HLX01) has successfully been approved for market launch in Peru, accelerating its benefits to emerging market countries.

#### HLX11-Pertuzumab biosimilar

- MRCT has enrolled 908 patients globally, expected to be the first approved pertuzumab biosimilar in the US and Europe
- As the 2023 sales of the originator drug was over US\$3.95B<sup>2</sup>, HLX11 will have a promising global market prospect by licensing collaboration with Organon

#### HLX14- Denosumab biosimilar

- MRCT has enrolled 514 patients globally, and HLX14 filed BLA in the EU in 2024 based on MRCT Phase 3 result
- As the originator drug achieved over US\$6.16B<sup>2</sup> sales in 2023, HLX14 will have a promising global market prospect by licensing collaboration with Organon



# 02 Commercialization



# HANQUYOU (Trastuzumab): Sales Growth 15.4% YoY



Revenue in 1H2024



#### International quality

- · First approved trastuzumab biosimilar in China
- First "Chinese nationality" mAb biosimilar approved in Europe
- Approved in US and Canada, and becomes the "Chinese nationality" biosimilar approved in all three regions of China, Europe, and the US
- Launched in 40+ countries and regions

#### Multiple specifications

- Tailored for HER2-positive breast cancer patients in China with flexible specs to fit with personalized dosage and reduce residual fluid waste
- No preservatives, solution preparation upon product usage to improve safety
- Improved patient medication safety and good
   practice for drug administration

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#### Strong growth momentum

In Billion RMB



- Both 150mg and 60mg specifications completed NRDL and tendering platform listing for all provinces in China
- Commercial team with ~600 professionals, covering 6 major sales regions and ~3,700 hospitals in China

Target: HER2

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#### Indications:

- Early stage breast cancer
- Metastatic breast cancer
- Metastatic gastric cancer

#### **Drug Specifications:**

150mg/bottle (China, overseas) 60mg/bottle (China, overseas) 420mg/bottle (overseas)



\*Sum of sales revenue of HANQUYOU in China and overseas, and drug substance of trastuzumab

HERCESSI<sup>™</sup> in the USA

# **Excellent Performance of HANQUYOU**

Higher sales per capita than domestic peers

Sales Per Capita<sup>1</sup> (1H 2024)

# >450k RMB per month

# The only trastuzumab with two specifications

- 2 specifications were customized to address HER2+ breast cancer patients medical needs in China
- Solved the issue of residual liquid storage, improving drug use safety and honing product differentiation advantage



#### Strengthen product differentiation for competitive advantages

- Competition has become complicated when other local trastuzumab products launched.
- With advanced planning and preparation, HANQUYOU have enhanced the market's recognition of the product advantages on international quality and two specifications

# Bold expansion into broad market

- Trastuzumab has wide application and its sales in the broad market (outside the Top1,000 hospitals) have increased rapidly, resulting to fast-growing market share in China
- HANQUYOU has expanded the coverage with marketing activities in lower tier areas to capture potential of broad market



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# HANSIZHUANG (Serplulimab): First Approved PD-1 mAb for 1L SCLC





Zerpidio

Revenue in 1H2024



#### Widespread recognition

- Recommended in 2024 CSCO treatment guidelines for SCLC, NSCLC, EC etc.
- First patient dosed for MRCT phase 3 study on first-line mCRC of serplulimab (ASTRUM-015)
- Approved in Thailand and Cambodia in 2024

#### Efforts to product accessibility

- Launched patient assistance programs to reduce patients' economic burdens, to improve adherence so as to optimize treatment outcomes
- Covered by Huiminbao (Regional Commercial Health Insurance) in 80 provinces/cities incl. Shanghai, Fujian, Shaanxi, Chongqing, Nanjing, Suzhou, Chengdu, Jinan, Xiamen etc. and greatly improve local residents' access of HANSIZHUANG





- Developed differentiated marketing strategies and focused on SCLC to rapidly increase market share and gain customer trust
- ~630 people commercial team with strong sales experience in oncology and territories allocated
- Established efficient distribution network, strengthening the coverage of DTP pharmacies and infusion centers to maximize patients' accessibility
- Working with business partners to create more commercial value and expand overseas market

Target: PD-1

#### Indications:

- MSI-H solid tumor
- sqNSCLC
- ES-SCLC
- ESCC

#### **Drug Specifications:**

100mg/10ml/bottle

Zerpidio<sup>®</sup> in SEA



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## **HANSIZHUANG Commercialization Highlights**

#### **First-class Commercialization Efficiency**



**678M RMB** 

1H 2024

# Outstanding Achievements

- Sales outperformed most of the competing PD-1/PD-L1 in China since its launch in 2021
- Became the Tier-1 PD-1 /PD-L1 products in China

Sales Per Capita<sup>1</sup> 210K RMB per month 1H 2024

# **Industry Leading**

Higher than all PD-1/PD-L1 products marketed in China during the same time period<sup>2</sup>

# Differentiation strategy to tackle challenges and win opportunities



### Differentiation Strategy Focus on SCLC (15-20% of total lung cancer patients)

- Challenges & opportunities .
- Actively tackle with challenges from newly launched SCLC products, and accurately interpret the research results
  - Effectively promote messages of product advantages to keeping the leading position

NSCLC survival data read-out

- The superior survival data for sqNSCLC, especially the Chinese subgroup read-outs, increased physicians' recognition of HANSIZHUANG's efficacy
- Establish marketing synergy in NSCLC & SCLC

ESCC indication approved in 23Q3

- Conduct commercialization for the new indication by leveraging HANSIZHUANG's efficacy for ESCC patients with immuno-therapy advantages
- Deliver the concept of precise treatment for precise benefits to rapidly increase ESCC market share



# HANBEITAI (Bevacizumab): Commercialization Acceleration



#### Revenue in 1H 2024



#### ) market access and

- Covered by NRDL in 31 provinces, and completed tendering and procurement platform listing in 29 provinces
- Focus on the dual-channel markets, and enhance market recognition to drive sales growth
- Proactively seek for hospitals access in non dual-channel markets
- Proactively participate in provincial VBP programs



- The only bevacizumab biosimilars with phase 3 clinical data on metastatic colorectal cancer in China
- Potentially can combine with HANSIZHUANG (anti-PD-1 mAb) to treating multiple tumor types in a combo therapy

Target: **VEGF** Indications:

- Metastatic colorectal cancer
- Advanced, metastatic or recurrent NSCLC
- Recurrent glioblastoma
- Cervical cancer
- Epithelial ovarian, fallopian tube, or primary peritoneal cancer



**Drug Specifications:** 

100mg/4ml/bottle

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# HANLIKANG (Rituximab): Strengthen the Market Leader Position



# **238M RMB**

Revenue recognized by Henlius and licensing income in 1H 2024

# Acceleration on market access and penetration

- Approved in February 2019 as the first approved biosimilar in China, the first approved rituximab biosimilar in China
- New indication approved in February 2022: the first rituximab approved for Rheumatoid Arthritis indication in China



#### Solid market leader position

- Market leader for rituximab in China with speedy share growth since launch
- Gained the largest market share for consecutive quarters, 40% in Q1 2024\*

#### **Commercialization Progress**

- Jiangsu Fosun, a subsidiary of Fosun Pharma, is responsible for HANLIKANG's commercialization in China
- Listed on the procurement platforms and covered by NRDL in all provinces in China









#### Indications:

- Non-Hodgkin lymphoma
- Chronic lymphocytic leukemia
- Rheumatoid Arthritis (RA)

Drug Specifications:

100mg/10ml/bottle 500mg/50ml/bottle



# HANDAYUAN (Adalimumab): Entered Autoimmune Disease Area

14M RMB

Revenue recognized by Henlius in 1H 2024 Improve patients' availability and accessibility

- · Henlius' first autoimmune disease product
- Covered by NRDL and completed tendering and procurement platform listing in all provinces
- The first phase 3 clinical study of adalimumab biosimilar for psoriasis patients in China
- Four new indications of polyarticular juvenile idiopathic arthritis, pediatric plaque psoriasis, Crohn's disease and pediatric Crohn's disease have been approved by NMPA

Work with partners to penetrate the market

- Jiangsu Wanbang is responsible for China local sales of HANDAYUAN. It has a sizable rheumatic immunity business unit with experienced salesforces as well as a mixed line sales team targeting at broad market.
- Out-licensed the commercialization rights of HANDAYUAN to Getz Pharma in 11 countries, including Pakistan, the Philippines and Kenya, and accelerate global footprint







#### Indications:

- Rheumatoid arthritis
- Ankylosing spondylitis
- Plaque psoriasis
- Uveitis
- Polyarticular juvenile

## Drug Specifications:

40mg/0.8ml/bottle

- Pediatric plaque psoriasis
- Crohn's disease

idiopathic arthritis

Pediatric Crohn's disease



# **03** Business Development



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## **2024 H1 Major Business Development In-licensing Products**





# In-licensing Focus: Leverage BD to Expand Portfolio into Different Sub-types of Breast Cancer





# Out-licensing Focus: Henlius' International Quality Biosimilars Scale up across the Globe

#### Market Size of Originators and Marketed Biosimilars



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## **Product Portfolio and Pipeline**

IND	Phase 1	Phase 2	Phase 3	NDA	In-Market
HLX51 OX40 Solid tumours, lymphomas	HLX6018 GARP/TGF-β1 IPF	HLX10 <sup>(4)</sup> (serplulimab) + HLX07 <sup>(5)</sup> PD-1+EGFR HNSCC, NPC, GC, ESCC, sqNSCLC	HLX10 <sup>(4)</sup> (serplulimab) + Chemo PD-1 ES-SCLC 1L	HLX10 <sup>(4)</sup> (serplulimab) + Chemo PD-1 ES-SCLC 1L	HANSIZHUANG (serplulimab) <sup>(4)</sup> PD-1 MSI-H solid tumors, sqNSCLC, ES-SCLC,ESCC
HLX17 (pembrolizumab) PD-1 Melanoma, NSCLC, EC, HNSCC, CRC, HCC, BTC, TNBC, MSI-H/dMMR solid tumours, GC	HLX43 <sup>(1)</sup> PD-L1 ADC Solid tumours	HLX10 <sup>(4)</sup> (serplulimab) + HLX26 + Chemo PD-1+LAG-3 NSCLC 1L	HLX10 <sup>(4)</sup> (serplulimab) + Chemo PD-1 Neo/adjuvant treatment for GC	HLX10 <sup>(4)</sup> (serplulimab) + Chemo PD-1 nsNSCLC 1L	HANLIKANG (rituximab) <sup>(12)</sup> CD20 NHL, CLL, RA <sup>(13)</sup>
	HLX42 <sup>(2)</sup> EGFR ADC Solid tumours	HLX07 <sup>(5)</sup> EGFR Solid tumors (cSCC)	HLX10 <sup>(4)</sup> (serplulimab) + Chemo + Radio PD-1 LS-SCLC 1L	HLX14 (denosumab) <sup>(11)</sup> RANKL Osteoporosis, etc.	HANQUYOU (trastuzumab) <sup>(14)</sup> HER2 Breast cancer, mGC
	HLX05 (cetuximab) <sup>(3)</sup> EGFR mCRC, HNSCC	HLX22 <sup>(6)</sup> + trastuzumab HER2+HER2 GC	HLX10 <sup>(4)</sup> (serplulimab) + bevacizumab + Chemo PD-1+VEGF mCRC 1L		HANDAYUAN (adalimumab) $^{(15)}$ TNF- $\alpha$ RA, AS, Ps, UV, pJIA, pediatric Ps, CD, pediatric CD
	HLX15 (daratumumab) CD38 Multiple myeloma	HLX208 <sup>(7)</sup> BRAF V600E LCH/ECD, solid tumours (i.e. MEL, thyroid cancer, mCRC, NSCLC)	HLX04-O <sup>(8)</sup> VEGF Wet AMD		HANBEITAI (bevacizumab) <sup>(16)</sup> VEGF mCRC, advanced, metastatic or recurrent NSCLC, GBM, etc.
	HLX13 (ipilimumab) CTLA-4 Melanoma, RCC, mCRC, HCC, NSCLC, MPM, EC	HLX208 <sup>(7)</sup> + HLX10 <sup>(4)</sup> (serplulimab) BRAF V600E + PD-1 NSCLC	HLX11 (pertuzumab) <sup>(9)</sup> HER2 Neoadjuvant treatment of breast cancer		HANNAIJIA (neratinib) <sup>(17)</sup> HER1/HER2/HER4 Extended adjuvant treatment of breast cancer
		HLX53 + HLX10 <sup>(4)</sup> (serplulimab) + bevacizumab TIGIT + PD-1 + VEGF HCC	HLX78 (lasofoxifene) <sup>(10)</sup> SERM Breast cancer	Innovative mAb	Innovative fusion protein Biosimilar mAb
				Bridging study in U.S.	MAA under EMA review
				Global MRCT	Approved in 40+ markets (China, U.S., Europe, etc.)

(1) IND approvals obtained in China/the U.S. (2) IND approvals obtained in China/the U.S. and granted FDA Fast Track Designation. (3) Business partner: Shanghai Jingze. (4) Approved in China and Indonesia. Business partners: KGbio/Fosun Pharma/Intas. (5) IND approvals obtained in China/the U.S. (6) IND approvals obtained in China/the U.S. (7) Exclusive license obtained in China. (8) IND approvals obtained in China/the U.S. (7) Exclusive license obtained in China. (8) IND approvals obtained in China/the U.S. (7) Exclusive license obtained in China. (8) IND approvals obtained in China/the U.S. (7) Exclusive license obtained in China. (8) IND approvals obtained in China/teU. Business partner: Organon. (10) Exclusive license obtained in China. (11) IND approvals obtained in China/EU. Business partner: Organon. (12) Approved of China and Peru. The first biosimilar approved in China. Business partners: Fosun Pharma/Farma de Colombia/Eurofarma/Abbott/Boston Oncology. (13) The first rituximab approved for the indication in China. (14) Approved in 40+ countries, including China, U.S., the UK, Germany, France and Australia, trade name registered in U.S.: HERCESSI<sup>™</sup>. trade name registered in Europe: Zercepace@. Business partners: Accord/ Cipla/ Jacobson/ Elea/ Eurofarma/ Abbott/KGbio. (15) Business partners.

# **Clinical Pipeline Milestones: 2024 1H Review**



1. Postmenopausal osteoporosis

2. Extensive stage small cell lung cancer

3. Metastatic colorectal cancer

Gastric cancer

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\* The key clinical data readouts have been obtained followed by BLA submission to Health Authorities, but the detailed study data will not be published in any Public Conference and/or Journal within given certain timeframe.

Innovative mAb

mAb biosimilar



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# Clinical Pipeline Milestones: Expected in 2024 2H& 2025 1H



The Company's internal planning time is subject to the actual situation, and shareholders and potential investors of the Company are advised to exercise caution when trading the Company's shares.

1. Extensive stage small cell lung

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- cancer
  - 4. Age-related macular degeneration

Esophageal squamous cell carcinoma 7.

Squamous non-small cell lung cancer 5. Postmenopausal osteoporosis

З.

- 6. Gastric cancer
- eneration 8. Nasophary orosis 9. Non-squar
- Nasopharyngeal carcinoma Non-squamous non-small cell lung cancer © 2024 Henlius

Metastatic colorectal cancer

\* The key clinical data readouts have been obtained followed by BLA submission to Health Authorities, but the detailed study data will not be published in any Public Conference and/or Journal within given certain timeframe.



# Clinical Data of HLX10-015-CRC301

- The latest clinical data of the phase 2/3 results (HLX10-015-CRC301) of HANSIZHUANG (HLX10, serplulimab)+HANBEITAI (HLX04, bevacizumab)+XELOX for 1L mCRC (metastatic colorectal cancer) treatment was presented in posters at the 2024 ASCO
- The results of this study demonstrated that serplulimab plus bevacizumab and XELOX was safe and improved PFS as well as other efficacy endpoints compared to placebo plus bevacizumab and XELOX in patients with mCRC
- Serplulimab + bevacizumab + XELOX warrants further large-scale investigation and could be a new first-line treatment option for mCRC patients including MSS mCRC patients

Product	Clinical Trial	Regimen	Sample Size	mPFS (months)	mOS (months)	mDOR (months)
Serpulimab +SOC	HLX10-015-CRC301 (Ph2) Data cutoff: December	A: Serplulimab + bev + XELOX B: Bev + XELOX	ITT population 55 vs 57	<u>16.8</u> vs 10.7, p=0.082 HR=0.58 (95% Cl, 0.32-1.08)	NR vs 21.2, p=0.265 HR=0.74 (95% Cl, 0.43-1.26)	<u>19.4</u> vs 11.3, p=0.009 HR=0.31 (95% CI, 0.12-0.78)
	15, 2023, median follow up: 24.4 months		MSS subgroup 40 vs 50	<u>16.8</u> vs 10.1, p= 0.108 HR=0.60 (95% CI, 0.32-1.12)	NR vs 20.2, p=0.286 HR=0.73 (95% Cl, 0.41-1.30)	<u>19.4</u> vs 8.3, p=0.018 HR=0.40 (95% Cl, 0.18-0.88)
Atezolizumab +SOC	AtezoTRIBE <sup>1</sup> (Ph2)	A: Atezolizumab + bev + FOLFOXIRI B: Bev + FOLFOXIRI	ITT population 145 vs 73	13.1 vs 11.5 HR=0.71, p=0.015	33 vs 27.2 HR=0.81, p=0.136	NA
			pMMR subgroup 134 vs 67	13.0 vs 11.5 HR=0.79, p=0.073	30.8 vs 26.9 HR=0.83, p=0.172	NA
Nivolumab +SOC	CheckMate 9X8 <sup>2</sup> (Ph2)	A: Nivolumab + bev + mFOLFOX6 B: Bev + mFOLFOX6	ITT population 127 vs 68	11.9 vs 11.9 HR=0.81, p=0.3 ( <mark>Negative</mark> )	29.2 vs NR HR=1.03, p NA	12.9 vs 9.3 HR NA, p NA
Bevacizumab ( <mark>SOC</mark> )	Bev plus FOLFIRI for mCRC <sup>3</sup> (Ph3)	A: Bev + FOLFIRI B: FOLFIRI	ITT population 402 vs 411	10.6 vs 6.2 HR=0.54, p<0.001	20.3 vs 15.6 HR=0.66, p<0.001	10.4 vs 7.1 HR=0.62, p=0.001
HLX04 (bev biosimilar, <mark>SOC</mark> )	Similarity study (Ph3) <sup>4</sup>	A: HLX04 + mFOLFOX6 or XELOX B: Bev + mFOLFOX6 or XELOX	ITT population 338 vs 337	11.4 vs 12.4 HR=1.07 (95% Cl, 0.83-1.37)	20.7 vs 22.4 HR=1.03 (95%Cl, 0.84-1.25) <sup>5</sup>	11.1 vs 12.3 HR=1.14 (95% Cl, 0.80-1.61)

bev, bevacizumab.

1. J Clin Oncol 41, 2023 (suppl 16; abstr 3500) . 2. Lenz, H-J. et al. J Clin Oncol 40, 4\_suppl.008 (2022). 3. Hurwitz, H. et al. N Engl J Med 350, 2335-2342 (2004). 4. BioDrugs (2021) 35:445-458. 5. CSCO 2021 oral.



# **Serplulimab: Targeting Differentiated Indications**



Serplulimab combined with Concurrent Chemoradiotherapy (CCRT)

Phase 3 clinical data readout: H2 2026

Concurrent chemoradiotherapy (CCRT) is the SoC for LS-SCLC and globally no PD-1/PD-L1 was approved yet for this indication. Serplulimab can potentially become the world's first PD-1 mAb for LS-SCLC treatment if the trial succeeds

Zheng RS et al. 2016 China cancer prevalence analysis. Chinese Journal of Oncololgy, 2023, 45(3): 212-220. DOI: 10.3760/cma.j.cn112152-20220922-00647
 Strong, Vivian E et al. "Differences in gastric cancer survival between the U.S. and China." Journal of surgical oncology vol. 112,1 (2015): 31-7. doi:10.1002/jso.23940
 Ha IB, Jeong BK, Jeong H, et al. Effect of early chemoradiotherapy in patients with limited stage small cell lung cancer. Radiat Oncol J. 2013 Dec;31(4):185-90



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#### **HLX22 (HER2)**



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- HLX22 targets at different epitopes within domain IV of Her2, the results demonstrated that HLX22 and trastuzumab (HLX02) simultaneously bind to HER2 subdomain IV, which subsequently facilitate the endocytosis of both HER2/HER2 homodimers and HER2/EGFR heterodimers, resulting in a 40-80% increase in HER2 endocytosis.
- PDx data shows HLX22 & trastuzumab combo has more advantages than trastuzumab & Pertuzumab combo in GC
- Current SOC of 1L mGC/GJC treatment trastuzumab + chemo approved in 2010: mPFS 6.7 months, mOS 13.8 months, and mDoR 6.9 months<sup>1</sup>
- Phase 2 study data shows HLX22 has clear benefits for patients, leading to great potential to change the SOC
- HLX22 has shown better efficacy and safety
- Efficacy will not be affected by the expression level of PD-L1
- No observation of severe diarrhea which was observed in other clinical trials of 1L HER2+ GC
- Phase 2 clinical data of HLX22-GC-201 has been presented in 2024 ESMO GI
- HLX22 dual targeting of HER2 MOA and its research result have been published in Journal of Translational Medicine.

1.Bang, Yung-Jue et al. "Trastuzumab in combination with chemotherapy versus chemotherapy alone for treatment of HER2-positive advanced gastric or gastro-oesophageal junction cancer (ToGA): a phase 3, open-label, randomised controlled trial." Lancet (London, England) vol. 376,9742 (2010): 687-97. doi: 10.1016/S0140-6736 (10) 61121-X; 2.Janjigian, Yelena Y et al. "The KEYNOTE-811 trial of dual PD-1 and HER2 blockade in HER2-positive gastric cancer." Nature vol. 600, 7890 (2021): 727-730. doi: 10.1038/s41586-021-04161-3; Zanidatamab (zani), a HER2-targeted bispecific antibody, in combination with chemotherapy (chemo) and tislelizumab (TIS) as first-line (1L) therapy for patients (pts) with advanced HER2-positive gastric/gastroesophageal junction adenocarcinoma (G/GEJC): Preliminary results from a phase 1b/2 study. Keun Wook Lee, Li-Yuan Bai, et al Journal of Clinical Oncology 2022 40: 16\_suppl, 4032-4032



# **Clinical Data of HLX22-GC-201**

- The clinical data of Phase 2 study (HLX22-GC-201) of HLX22 (an innovative anti-HER2 mAb)+HANQUYOU (HLX02, trastuzumab)+XELOX for the 1L HER2-positive
  gastric/gastroesophageal junction (G/GEJ) cancer was presented in the posters at 2024 ESMO GI
- The results of this study demonstrated that adding HLX22 to trastuzumab + XELOX was safe and improved survival and antitumor response in patients with HER2-positive G/GEJ cancer in the first-line treatment. HLX22+HLX02+XELOX, as the 1L treatment for HER2-positive G/GEJ cancer also shown good tolerance, with the most common treatment-related adverse events (AEs) of neutrophil and leukocyte count decreased and anaemia
- HLX22+ trastuzumab +XELOX warrants further large-scale investigation and could be a new 1L treatment option for HER2-positive G/GEJ cancers. Currently, no similar HER2 dual-target treatment for HER2-positive GC has been approved globally

Product	Clinical Trial	Regimen	Sample Size	mPFS (months)	mOS (months)	mDOR (months)
HLX22	HLX22-GC-201 (Ph 2)	<ul> <li>A: HLX22 (25 mg/kg)+trastuzumab+chemo (XELOX)</li> <li>B: HLX22 (15 mg/kg)+trastuzumab+chemo (XELOX)</li> <li>C: Trastuzumab+chemo (XELOX)</li> </ul>	ITT population 18 vs 17 vs 18	<u>13.7</u> vs NR vs 8.2 A vs C: HR=0.4, p=0.0505 B vs C: <u>HR=0.1</u> , p=0.0002	24.4 vs NR vs NR A vs C: HR=0.7, p=0.4971 B vs C: HR=0.5, p=0.2141	<u>11.8</u> vs NR vs 6.8 A vs C: HR=0.5, p=0.1655 B vs C: HR=0.1, p=0.0001
Pembrolizumab a	KEYNOTE-811 <sup>1</sup> (Ph 3) EMA: approved for PD-L1+ subgroup; FDA: expediated approved for PD-L1+ subgroup	) A: Pembrolizumab+trastuzumab+chemo (CF/XELOX) B: Trastuzumab+chemo (CF/XELOX)	ITT population 350 vs 348	<i>IA2:</i> 10.0 vs 8.1 HR=0.72,p=0.0002	<i>IA3∶</i> 20.0 vs 16.8 HR=0.84, p NA	<b>ΙΑ2</b> :11.2 vs 9.0 ΗR ΝΑ,p ΝΑ
			PD-L1+ subgroup 298 vs 296	<i>IA2∶</i> 10.8 vs 7.2 HR=0.70,p NA	<i>IA3∶</i> 20.0 vs 15.7 HR=0.81,p NA	<i>IA2:</i> 11.3 vs 9.5 HR NA,p NA
			PD-L1- subgroup 52 vs 52	<i>IA2:</i> 9.5 vs 9.6 HR=1.17,p NA	<i>IA2∶</i> 16.1 vs 22.3 HR=1.61, p NA <i>IA3∶</i> NA	<b>IA2</b> :8.9 vs 9.0 HR NA,p NA
Trastuzumab	<b>ToGA<sup>2, 3</sup></b> (Ph 3)	A: Trastuzumab+chemo (CF/CX) B: chemo (CF/CX)	Adjusted ITT population 294 vs 290	6.7 vs 5.5 HR=0.71,p = 0.0002	13.8 vs 11.1 HR=0.74,p=0.0046	6.9 vs 4.8 HR=0.54,p <0.0001
			China subgroup 36 vs 48	6.8 vs 5.5 HR=0.69,p NA	12.6 vs 9.7 HR=0.72,p <0.05	5.8 vs 4.5 HR=0.56,p NA
Pertuzumab	<b>JACOB</b> ⁴ (Ph 3 <b>failed</b> )	A: Pertuzumab+trastuzumab+chemo (CF/CX) B: Trastuzumab+chemo (CF/CX)	ITT population 388 vs 392	8.5 vs 7.0 HR=0.73,p = 0.0001	17.5 vs 14.2 HR=0.84,p=0.057 ( <b>failed</b> )	10.2 vs 8.4 HR NA,p NA

CF, cisplatin and fluorouracil; CX, cisplatin and capecitabine; DOR, duration of response; G/GEJ, gastric/gastroesophageal junction; HR, hazard ratio; IA, interim analysis; ITT, intention-to-treat; m, median; NA, not available; NR, not reached; OS, overall survival; Pembro, pembrolizumab; PFS, progression-free survival; Tras, trastuzumab; XELOX, capecitabine and oxaliplatin. 1. Janjigian YY, et al. Lancet 2023; 402 (10418): 2197-2208. 2. Bang Y-J, et al. Lancet 2010; 376 (9742): 687-97. 3. Shen L, et al. Zhonghua Zhong Liu Za Zhi 2013; 35 (4): 295-300. 4. Tabernero J, et al. Lancet Oncol 2018: 19 (10): 1372-1384.







# HLX43 (PD-L1 ADC) Presented Excellent Preclinical Efficacy Data and Entered into Clinical Phase 1

HLX43 Shows No Immunotoxicity

#### Preclinical Results

- HLX43 shows no immunotoxicity towards PD-L1+ human APCs
- · HLX43 exhibits excellent bystander effect
- In *in vivo* efficacy studies, HLX43 induced tumor regression in multiple PD-L1-positive CDX & PDX models, and was well tolerated, with no major changes in body weight of administered mice compared to control animals, across all dosing groups
- I. In MDA-MB-231 model, weekly administration of HLX43 for three times induced significant tumor regression, superior over anti-PD-L1-GGFG-Dxd and anti-PD-L1-vc-MMAE at equivalent doses
- II. In NSCLC PDX model, weekly administration of HLX43 at 8mg/kg for three times induced significant tumor regression, and the treatment group still had durable response in lesions after stopping dosing
- III. HLX43 also induced significant tumor regression in HCC PDX model with (IHC1+) or without (IHC-) PD-L1 expression, meanwhile showed strong synergy with anti-VEGF antibody
- Toxicity studies in mice and cynomolgus monkeys also demonstrated that HLX43 was well tolerated

#### **Regulatory and Clinical Trial Progress**

- IND of HLX43 for the treatment of advance/metastatic solid tumors has been successively approved by China NMPA and the US FDA during Oct. to Nov., 2023
- On Nov. 24, 2023, the phase 1 clinical trial of HLX43 for the treatment of advance/metastatic solid tumors has completed the first patient dosing in China
- The phase 1 dose escalation study is in process; the indications to be developed include but not limited to lung cancer, esophagus cancer, liver cancer, etc. (NCT06115642)



#### HLX43 Exhibits Excellent Anti-tumor Efficacy In vivo





HLX43 Exhibits Excellent

# HLX42 (EGFR ADC) Presented Excellent Preclinical Efficacy Data, Granted Fast Track Designation by FDA, and Entered into Clinical Phase 1

#### **Preclinical Results**

- HLX43 exhibits excellent bystander effect
- In *in vivo* studies, HLX42 showed potent tumor suppression in several models that were resistant to Cetuximab or EGFR TKIs or anti-PD-1 antibody
- I. In NCI-H1993 model, weekly administration of HLX42 at 8 mg/kg for 3 weeks resulted in 91.5% TGI compared to 79.8% TGI when treated with anti-EGFR Ab-GGFG-Dxd
- II. In EBC-1 model, weekly administration of HLX42 at 8 mg/kg for 3 weeks eradicated all lesions; all mice remained tumor free 24 days after the last dose, while tumor began to regrow in the anti-EGFR Ab-VC-MMAE treated group
- III. In LU3075 PDX model which poorly responded to Osimertinib monotherapy, HLX42 eradicated all lesions
- IV. In a NSCLC PDX model harboring EGFR exon19 deletion/T790M/C797S mutations, which exhibited complete tolerance to Osimertinib, a single dose treatment resulted in significantly complete response
- V. HLX42 also showed strong efficacy in HT29 CRC CDX model and Cetuximab and/or anti-PD-1 resistant microsatellite stable (MSS) mCRC PDX model
- In toxicology studies conducted in rats and non-human primates, HLX42 had favorable safety profile

#### **Regulatory and Clinical Trial Progress**

- In December 2023, the US FDA granted Fast Track Designation (FTD) to HLX42 for the treatment of patients with advanced or metastatic EGFR-mutated non-small cell lung cancer whose diseases have progressed on a 3rd-generation EGFR tyrosine kinase inhibitor treatment
- IND of HLX42 for the treatment of advance/metastatic solid tumors has been approved by China NMPA and the US FDA successively during Oct. to Nov., 2023
- In March 2024, the phase 1 clinical trial of HLX42 for the treatment of advance/metastatic solid tumors has completed the first patient dosing in China (NCT06210815)





## Three Major Preclinical Platforms Drive Full-Speed Development of Representative Molecules



# HLX6018: First-in-class anti-Pulmonary/Kidney Fibrosis Candidate, Phase 1 ongoing

#### **Project information**

#### Indication

Pulmonary fibrosis: Currently approved drugs are nintedanib and pirfenidone. Renal fibrosis: Currently there are no approved drugs.

#### Molecule information

mAb targeting GARP\ TGF-β1 complex. Patent filed.

#### Mechanism

HLX6018 is a monoclonal antibody targeting GARP and TGF-B1 complex. GARP can bind to un-activated TGF-B, thus playing an important role in the activation of TGF-B signaling. TGF-B family is important for the development of fibrosis.

#### Competitive advantage

HLX6018 is a monoclonal antibody targeting GARP/TGF<sup>β1</sup>, a novel target in fibrosis. It has excellent physicochemical properties, low immunogenicity, and exhibits excellent anti-fibrotic activity in multiple mouse models of fibrosis. The unique mechanism of action of HLX6018 puts it in a leading position in the research and development of anti-fibrosis drugs.

#### Project progress

IND approved in China in Mar. 2024. Phase 1 FPI finished in Apr. 2024 (IPF).



8

Kev data

Human GARP/TGF<sub>β3</sub> complex binding assay

(Human GARP/TGF83 HLX6018 anti-human IgG-HRP)

Antibody concentration (ug/ml)

HI X6018

2. HLX6018 inhibits the release of TGFβ1 by targeting GARP/ latent TGFβ1 complex



Pharmacology

3. HLX6018 has no effects on platelets activation and also doesn't inhibit thrombin mediated activation



5. HLX6018 inhibits bleomycin-induced pulmonary fibrosis in mice





4. HLX6018 inhibits TGFβ1 release from platelets by inhibiting thrombin-mediated GARP cleavage

Human GARP/TGF61 complex thrombin cut assay

Antibody Concentration (µg/ml)

Activity of TGFB/SMAD signaling

Binding model of GARP and Thrombin (HEK 293T GARP/TGFB1 Thrombin 1 U/ml HLX6018 25 ug/m 1 8 0.2

HI X6018

lgG1

20000





Human GARP/TGF61 complex inhibition assay

Platelet 2U/ml Thrombin

HLX6018 50 µg/ml 1 hr

TGFβ1 from renal epithelium









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# **International Leading Capabilities on Manufacturing and Quality Management**



- Manufacturing capacity optimization:
   Commercial GMP production batches will soon exceed 1,000 batches (YS+SJ1)
   Production success rate exceeds 98%
- "Henlius Quality" with international standard: obtained GMP certification from China, the EU and PIC/S members (Indonesia, Brazil)
- Won the title of "Quality Benchmark" in Shanghai

Continuous Improvement



- Global GMP standards: Passed Pre-License Inspections (PLI) by FDA
- Apply for segmented production of biological products
- Improving the laboratory infrastructure: Strengthen downstream and formulation process optimization and scale-up capabilities

Aligned Quality & Efficiency

Songjiang and Plant 36,000

- Plant construction for Phase 1 & 2 trials: Main structure of manufacturing building #3 was completed. New high speed PFS line has been installed and valid
- HLX10 (HANSIZHUANG) secondgeneration process technology transfer successfully completed

Intelligent Drug Manufacturing

Henlius

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# **Operation Excellence and Continuous Innovation**

#### **Technical Innovation**

#### Multiple Regression Analysis Model for Prediction

The objects for multiple regression analysis have been locked, and data collection is complete Successfully completed connection testing between Raman spectroscopy and the stainless steel system

#### **Platform Construction**

Application of BI System Real-time Monitoring of Key Indices in Production, Quality, and Supply Chain Risk Prediction Visualization

#### Employee Efficiency Enhancement Platform

Breakthrough of employee capabilities from specialization to versatility



#### Lean Operations

**30+ on-going lean operations projects** with ~10M RMB\* expected annualized returns

The batch output of HLX01 (HANLIKANG) and HLX04 (HANBEITAI) increased over 10%\* YTD through process optimization

#### **Supply Chain Excellence**

The direct material cost was over 9%\* lower than that in 2023

Optimization of international logistics transportation loading has resulted in an average reduction of logistics costs by over 30%\*

\* Internal data of the company

# 06 2024H1 Financial Review



# 2024 Half Year Revenue of RMB 2.75 Billion with 9.8% YoY



**Revenue Growth** 

- Revenue of RMB 2.75B in 2024, 9.8% YoY growth
- Revenue growth mainly driven by: outperformed sales
   ramp-up of HANQUYOU and HANSIZHUANG
- Gross profit of RMB 1.99B in 2024, 11.9% YoY growth



#### Product Sales

- Product sales of RMB 2.48B in 2024, 15.2% YoY growth
- Product sales growth mainly from: HANQUYOU sales continue to grow year-on-year, Zercepac<sup>®</sup> sales in Europe grow significantly; HANSIZHUANG sales grow rapidly

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- HANSIZHUANG: RMB 678M sales in 2024, 21.9% YoY growth
- HANLIKANG: RMB 227M sales in 2024, -10.6% YoY
- HANDAYUAN: RMB 14M sales in 2024, -32.0% YoY
- HANBEITAI: RMB 87M sales in 2024, 92.7% YoY growth
- BD and other income: RMB 267M in 2024, -23.1% YoY



Sum of sales revenue of HANQUYOU in China and overseas, and drug substance of trastuzumab

# Achieved Profitability in 2024H1 with RMB ~251M Operating CF



#### **R&D related investment** (in Million RMB) Cost of Services Provided\* Capitalized Expensed 1151 1013 903 302 75 339 293 343 126 548 534 482 22H1 23H1 24H1

\* R&D spending related to out-licensing products accounted into cost of services provided according to accounting practices

#### Net change in cash & cash equivalents: positive OCF (in Million RMB)



#### Expense to revenue ratios : effective controls on expenses



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# **Financial Highlights**

Financial Data (selected)	24H1		23H1		YoY Growth
Unit	In Million RMB	% of revenue	In Million RMB	% of revenue	%
Revenue	2,746.1	100.0%	2,500.5	100.0%	9.8%
Product sales	2,479.4	90.3%	2,152.9	86.1%	15.2%
BD and other revenue	266.7	9.7%	347.6	13.9%	(23.3%)
Cost of sales	(755.4)	(27.5%)	(721.6)	(28.9%)	4.7%
Selling and distribution expenses	(900.2)	(32.8%)	(783.0)	(31.3%)	15.0%
Administrative expenses	(159.9)	(5.8%)	(163.7)	(6.5%)	(2.3%)
R&D expenses	(482.5)	(17.6%)	(547.8)	(21.9%)	(11.9%)
Financial costs	(62.8)	(2.3%)	(54.1)	(2.2%)	16.1%
Net profit (net loss)	386.3	14.1%	240.0	9.6%	61.0%
Cash and bank balances	649.4	23.6%	759.2	30.4%	(14.5%)
Net cash flows from operating activities	251.3	9.1%	332.5	13.3%	(24.4%)





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# Reliable Quality Affordable Innovation

