

HLX22 plus trastuzumab and XELOX for first-line treatment of HER2-positive locally advanced or metastatic gastric/gastroesophageal junction cancer (G/GEJC): updated results with additional patients

Jin Li^{1,*}, Ning Li², Mudan Yang³, Yangqiao Zhang⁴, Diansheng Zhong⁵, Meng Qiu⁶, Linzhi Lu⁷, Xiaoming Hou⁸, Yanru Qin², Guoping Sun⁹, Jun Deng¹⁰, Zimin Liu¹¹, Bo Liu¹², Yuntao Ma¹³, Jingdong Zhang¹⁴, Futang Yang¹⁵, Haoyu Yu¹⁵, Jing Li¹⁵, Qingyu Wang¹⁵, Jun Zhu¹⁵, HLX22-GC Investigators

¹Department of Oncology, Shanghai GoBroad Cancer Hospital, Shanghai, China; ²Department of Medical Oncology, The Affiliated Cancer Hospital of Zhengzhou University & Henan Cancer Hospital, Zhengzhou, China; ³Department of Gastroenterology, Shanxi Cancer Hospital, Taiyuan, China; ⁴Department of Gastrointestinal Medical Oncology, Harbin Medical University Cancer Hospital, Harbin, China; ⁵Department of Medical Oncology, Tianjin Medical University General Hospital, Tianjin, China; ⁶Department of Abdominal Oncology, West China Hospital, West China School of Medicine, Sichuan University, Chengdu, China; ⁷Department of Gastroenterology, Gansu Wuwei Tumour Hospital, Wuwei, China; ⁸Department of Medical Oncology, The First Hospital of Lanzhou University, Lanzhou, China; ⁹Department of Medical Oncology, The First Affiliated Hospital of Anhui Medical University, Hefei, China; ¹⁰Department of Medical Oncology, The First Affiliated Hospital of Nanchang University, Nanchang, China; ¹¹Department of Oncology, Affiliated Hospital of Qingdao University, Qingdao, China; ¹²Department of Gastroenterology, Shandong Provincial Cancer Hospital, Jinan, China; ¹³Department of General Surgery, Gansu Provincial Hospital, Lanzhou, China; ¹⁴Department of Internal Medicine, Liaoning Cancer Hospital, Shenyang, China; ¹⁵Shanghai Henlius Biotech, Inc., Shanghai, China

Background

- Gastric/gastroesophageal junction cancer (G/GEJC) represents a major global healthcare burden. G/GEJC is often diagnosed at the advanced stage² and is associated with poor prognosis with a 5-year relative survival rate of approximately 6%³.
- Around 12–23% of patients with gastric cancer have HER2-positive disease², for which trastuzumab plus chemotherapy is the recommended first-line therapy. However, survival outcomes remain unsatisfactory⁴.
- The HLX22-GC201 study evaluates the efficacy and safety of HLX22 (a novel anti-HER2 antibody) combined with HLX02 (a trastuzumab biosimilar, hereafter referred as trastuzumab) and XELOX as first-line treatment for HER2-positive advanced G/GEJC (NCT04908813).
- Following our previous findings in 17-18 patients for each treatment group at the 2024 ASCO GI Cancers Symposium after a 14-month follow-up, here we report updated data with 31 additional patients after an extended follow-up.

Methods

- Herein reported are results from Stage 2 of the study, in which patients with locally advanced or metastatic HER2-positive G/GEJC and no prior systemic antitumor therapy were randomized in a 1:1 ratio to HLX22 + trastuzumab + XELOX (HLX22 group) or placebo + trastuzumab + XELOX (placebo group) in 3-week cycles (**Figure 1**).

Figure 1. Study design

