China Subgroup Results of the Phase (Ph) 2b HERIZON-BTC-01 Study: Zanidatamab in Previously-Treated HER2-Amplified Biliary Tract Cancer (BTC)

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Disclosures

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Background

- There remains a high unmet need for patients with advanced BTC in China due to higher incidence^{1,2} and the lack of effective chemotherapies in later-line settings³⁻⁵
- Zanidatamab is a novel human epidermal growth factor receptor 2 (HER2)—targeted bispecific antibody that binds in a trans fashion to two non-overlapping extracellular domains of HER2⁶⁻⁸
- In the primary and updated analyses of the HERIZON-BTC-01 study,⁹ zanidatamab demonstrated a meaningful clinical benefit with a manageable safety profile in patients with treatment-refractory HER2+ BTC

Objective: To present efficacy and safety results for participants enrolled in Cohort 1 (HER2 immunohistochemistry 2+ or 3+) of HERIZON-BTC-01 from China at the data cutoff of July 28, 2023.



Study Design

HERIZON-BTC-01: Phase 2b, open-label, multicenter study (NCT04466891)

Inclusion criteria

- Adults diagnosed with HER2amplified, unresectable, locally advanced or metastatic BTC
- ≥1 prior systemic therapy for advanced disease, including gemcitabine
- Experiencing progressive disease/intolerance following the most recent prior therapy
- ECOG PS 0-1



Continue until treatment discontinuation due to

- Adverse event
- Death
- Lost to follow-up
- Withdrawal by patient
- Physician decision (non-AE, non-PD)
- Pregnancy
- Progressive disease^c
- Study termination

Primary endpointd

• ICR-assessed confirmed ORR

Select secondary endpoints

- ICR-assessed DCR, DoR, PFS
- Overall survival
- Adverse events



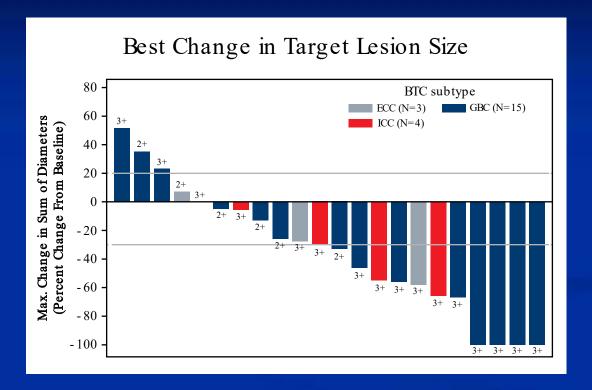
Baseline Demographics and Disease Characteristics

	China Cohort 1 (N=22)	Global Cohort 1 (N=80)	
Median age (range), years	60 (42.0-79.0)	64 (32.0-79.0)	
Female, n (%)	12 (54.5)	45 (56.3)	
ECOG Performance Status, n (%)			
0	6 (27.3)	22 (27.5)	
1	16 (72.7)	58 (72.5)	
Disease subtype, n (%)			
Gallbladder cancer	15 (68.2)	41 (51.3)	
Intrahepatic cholangiocarcinoma	4 (18.2)	23 (28.8)	
Extrahepatic cholangiocarcinoma	3 (13.6)	16 (20.0)	
HER2 status, ^a n (%)			
IHC3+	16 (72.7)	62 (77.5)	
IHC2+	6 (27.3)	18 (22.5)	
Disease stage at study entry, n (%)			
IIIA/IIIB	0 (0.0)/4 (18.2)	1 (1.3)/8 (10.0)	
IVA/IVB	4 (18.2)/14 (63.6)	27 (33.8)/44 (55.0)	
Prior systemic therapy for metastatic or locally advanced disease			
Median (range)	1 (1.0-5.0)	1 (1.0-7.0)	



Disease Response

	China Cohort 1 (N=22)	Global Cohort 1 (N=80)
Confirmed best overall response, n (%)		
Complete response	0 (0.0)	2 (2.5)
Partial response	9 (40.9)	31 (38.8)
Stable disease	9 (40.9)	22 (27.5)
Progressive disease	4 (18.2)	24 (30.0)
Not evaluable	0 (0.0)	1 (1.3)
Confirmed objective		
response rate, ^a %	40.9	41.3
95%CI	20.7-63.6	30.4-52.8
Disease control rate, ^b % 95%CI	81.8 59.7-94.8	68.8 57.4-78.7

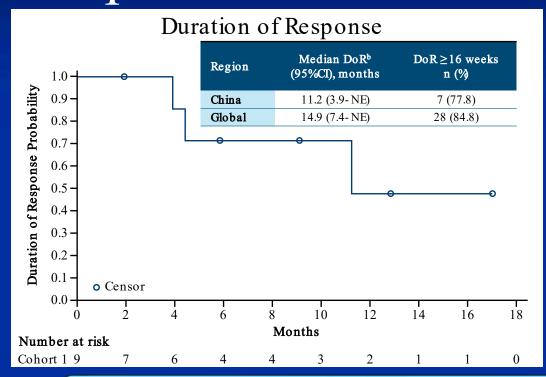


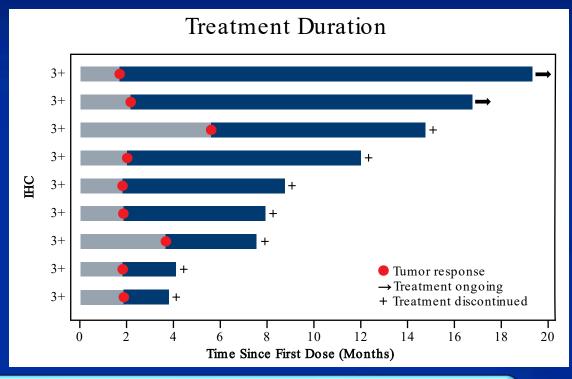
Clinically meaningful antitumor activity was seen in patients from China, comparable with that in the overall population



Disease response table: ICR-assessed per RECIST v1.1 (Efficacy Analysis Set, subgroup from China). The 95%CI was estimated using the Clopper-Pearson method unless otherwise indicated. almcludes only confirmed CRs and PRs. Best overall response of stable disease or non-CR/non-PD or confirmed CR or PR. Target lesion size figure: Target lesion reduction in Cohort 1 by ICR (Response Evaluable Analysis Set, subgroup from China). IHC status for each patient is displayed above the individual bars. Only patients with measurable disease at baseline and at least one post-baseline assessment are included in the figure.

Duration of Response in Confirmed Responders

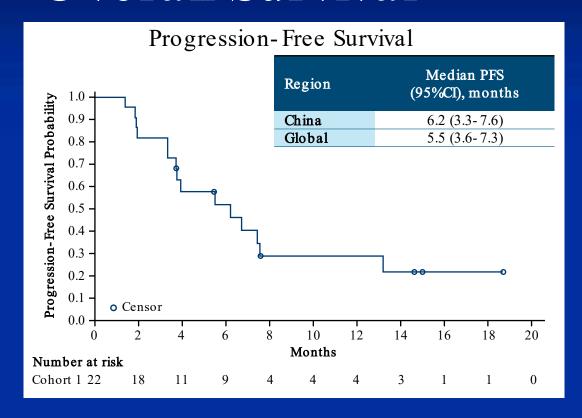


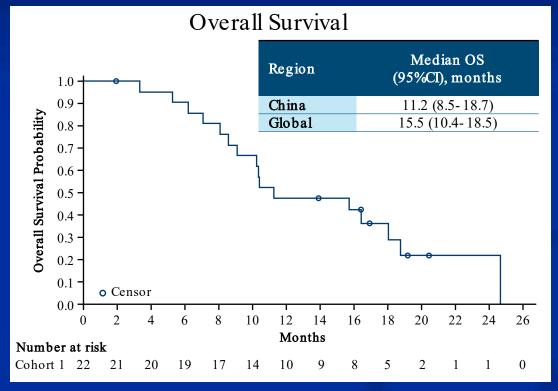


Among confirmed responders, response was durable with a median DoR of 11.2 months, and 7 patients (77.8%) had a response duration of ≥16 weeks



Progression-Free Survival and Overall Survival







Safety

Treatment-related adverse events (TRAEs)	China Cohort I (N=22)		Global Cohort I (N=80)	
Patients with at least one TRAE, n (%)	16 (72.7)		61 (76.3)	
Grade ≥ 3 TRAEs	6 (27.3)		17 (21.3)	
Serious TRAEs	3 (13.6)		8 (10.0)	
TRAEs leading to death	0 (0.0)		0 (0.0)	
TRAEs leading to treatment discontinuation ^a	0 (0.0)		2 (2.5)	
Common TRAEs, an (%)	Any Grade	Grade ≥3	Any Grade	Grade ≥3
Infusion-related reactions	8 (36.4)	0 (0.0)	28 (35.0)	1 (1.3)
Diarrhea	7 (31.8)	1 (4.5)	32 (40.0)	4 (5.0)
Alanine aminotransferase increased	4 (18.2)	1 (4.5)	6 (7.5)	1 (1.3)
Aspartate aminotransferase increased	4 (18.2)	1 (4.5)	6 (7.5)	2 (2.5)
Ejection fraction decreased	3 (13.6)	1 (4.5)	9 (11.3)	3 (3.8)
Adverse event of special interest, n (%)				
Infusion-related reactions	8 (36.4)		28 (35.0)	
Confirmed cardiac events ^b	1 (4.5)		5 (6.3)	
Non-infectious pulmonary toxicity	0 (0.0)		1 (1.3)	



Conclusions

- In patients from China with treatment-refractory HER2+ BTC and a history of poor outcomes and high unmet needs:
 - Zanidatamab monotherapy demonstrated a clinically meaningful benefit consistent with findings in the primary analyses
 - Zanidatamab treatment was well tolerated with manageable adverse events



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