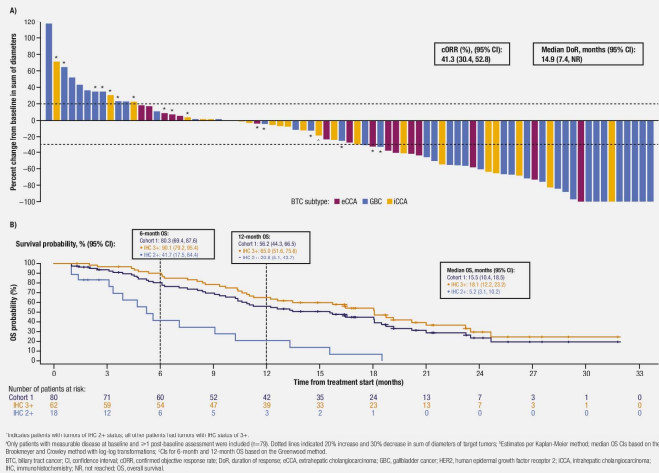


¹Memorial Sloan Kettering Cancer Center, New York, NY, USA; ²Vall d'Hebrón University Hospital, Vall d'Hebrón Institute of Oncology, Barcelona, Spain; ³MD Anderson Cancer Center, Houston, TX, USA; ⁴Jazz Pharmaceuticals, Philadelphia, PA, USA; ⁵National Cancer Center Hospital, Tsukiji, Chuo-ku, Tokyo, Japan

Background

- Standard-of-care first-line treatment for metastatic biliary tract cancer (BTC) is cisplatin plus gemtacinibine (CisGem) ± pembrolizumab or durvalumab, which is associated with a median overall survival of approximately 13 months¹³
- Human epidermal growth factor receptor 2 (HER2) is amplified or overexpressed in a subset of patients with BTC (19–31% of gallbladder cancer [GBC], 4–5% of intrahepatic cholangiocarcinomas [CCA], and 17–19% of extrahepatic cholangiocarcinomas [eCCA]); therapies targeting HER2 have demonstrated clinical benefit in this subset of patients¹⁴
- Zanolitamb is a dual HER2-targeted bispecific antibody that binds to 2 distinct domains on HER2 in a *trans* configuration, promoting HER2 receptor crosslinking and driving multiple mechanisms of action, including¹⁵:
 - Immune-mediated effects: complement-dependent cytotoxicity, antibody-dependent cellular cytotoxicity, and antibody-dependent cellular phagocytosis
 - Prevention of HER2 dimerization and intracellular signaling
 - Facilitation of HER2 internalization and subsequent degradation
- Combining zanolitamb with an immune checkpoint inhibitor may have synergistic antitumor effects in patients with HER2-positive cancers¹⁶
- In the global, single-arm, phase 2b HER2ON-BTC-01 trial, zanolitamb monotherapy showed durable and sustained antitumor activity in patients with previously treated HER2-positive (immunohistochemistry [IHC] 2+ or 3+) metastatic BTC^{17,18} (**Figure 1**)
 - Zanolitamb led to a median overall survival of 15.5 months (18.1 months in patients with IHC 3+ tumors)¹²
- Zanolitamb monotherapy also had a manageable safety profile in a phase 1 trial and in the phase 2 HER2ON-BTC-01 trial^{13,19}
 - Serious or grade 3/4 treatment-related adverse events (TRAEs) were infrequent, as were discontinuations due to TRAEs. No treatment-related deaths were reported¹²

Figure 1. Target Lesion Reduction (A) and Kaplan-Meier Plot of OS (B) in Patients With HER2-Positive BTC^{12,a-c}



Objective

- HERIZON-BTC-302 is an ongoing, global, phase 3, randomized, open-label trial (NCT06282575) investigating the efficacy and safety of zanidatamab with CisGem ± a PD-1/L1 inhibitor vs CisGem alone ± a PD-1/L1 inhibitor (physician's choice of pembrolizumab or durvalumab if locally approved) as first-line treatment for patients with advanced HER2-positive BTC (**Figure 2**)

Study Design

Figure 2. HERIZON-BTC-302

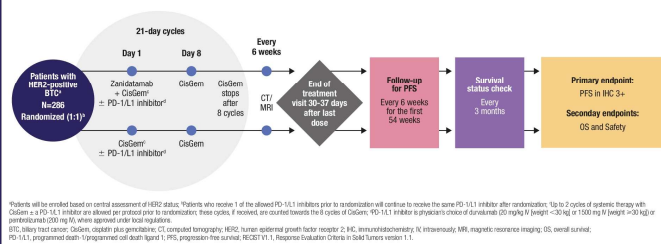


Table 1. Study Endpoints

Primary Endpoint	Secondary Endpoints	Exploratory Endpoints
<ul style="list-style-type: none"> • PFS (IHC 3+ subgroup) 	<ul style="list-style-type: none"> • Select secondary endpoints: <ul style="list-style-type: none"> – OS in the IHC 3+ subgroup and in the overall population – PFS in the overall population • Additional secondary endpoints: <ul style="list-style-type: none"> – cORR and DoR per RECIST v1.1⁴ – Frequency, severity, seriousness, and relatedness of treatment-emergent adverse events – Patient-reported physical functioning and symptom scores (IHC 3+ subgroup and overall population) 	<ul style="list-style-type: none"> • PFS-2^a • Potential biomarkers predictive of response and/or resistance • Change from baseline in patient-reported HRQL outcomes

* Defined as the time from randomization to disease progression (either clinical progression or per RECIST v1.1*), as reported by the investigator; or death from any cause, following the start of subsequent anticancer therapy.

[illegible]

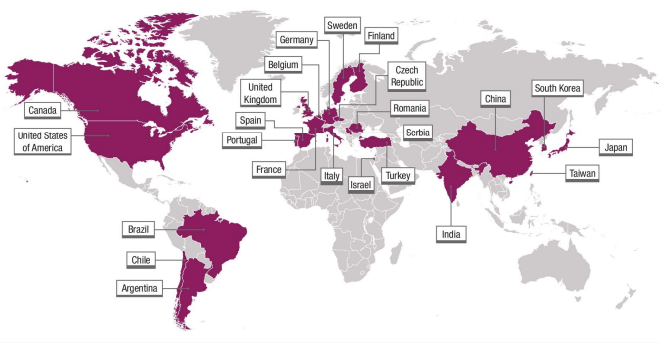
Table 2. Select Patient Eligibility Criteria

Select Inclusion Criteria	Select Exclusion Criteria
<ul style="list-style-type: none"> Aged ≥18 years who have locally advanced, unresectable or metastatic HER2-positive BTc defined as IHC 3+ or IHC 2+/ISH+ ECOG PS ≤1 Have assessable disease per RECIST v1.1¹⁴ Received <2 cycles of a gemtacinib-based regimen ± a PD-1/1L inhibitor (patient's choice of pembrolizumab or durvalumab where approved under local regulations) for advanced, unresectable or metastatic disease <ul style="list-style-type: none"> – Prior adjuvant or neoadjuvant treatment (including investigational products) for earlier stage disease are permitted if therapy was completed >6 months prior to expected date of first dose of study therapy Adequate hematologic, renal, and hepatic function LVEF ≥50% as determined by either echocardiogram or MUGA 	<ul style="list-style-type: none"> Prior treatment with a HER2-targeted agent, except for patients who completed HER2-targeted therapy for breast cancer >5 years prior to their diagnosis of BTc Prior treatment with checkpoint inhibitors, other than durvalumab or pembrolizumab, outside of the <2 cycles of prior therapy allowed per protocol History of interstitial lung disease or non-infectious pneumonitis History of life-threatening hypersensitivity to monoclonal antibodies or known hypersensitivity to any components of the combination therapy Untreated CNS metastases, symptomatic CNS metastases, or those who have received radiation therapy for CNS metastases within 4 weeks of expected date of first dose of study therapy

BTIC, biliary tract cancer; CNS, central nervous system; ECOG PS, Eastern Cooperative Oncology Group performance status; HER2, human epidermal growth factor receptor 2; IHC, immunohistochemistry; ISH, in situ hybridization; LVEF, left ventricular ejection fraction; MUGA, multiple gated acquisition scan; PD-1/L1, programmed death-1/programmed death ligand 1; RECIST v1.1, Response Evaluation Criteria in Solid Tumors version 1.1.

Study Status

- This global phase 3 study is currently recruiting patients with planned recruitment in up to 30 countries (**Figure 3**)



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