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HARBOUR
BIOMED
和 鉑 醫 藥 控 股 有 限 公 司
HBM Holdings Limited
(incorporated in the Cayman Islands with limited liability)
(Stock Code: 02142)

VOLUNTARY ANNOUNCEMENT
IND APPROVAL FOR COMMENCEMENT OF PHASE I TRIAL OF
B7H4X4-1BB BISPECIFIC ANTIBODY IN CHINA

This announcement is made by HBM Holdings Limited (the “**Company**” or “**Harbour BioMed**”, together with its subsidiaries, the “**Group**”) on a voluntary basis to inform the shareholders and potential investors of the Company about the latest business updates of the Group.

The board of directors of the Company (the “**Board**”) is pleased to announce that, the Company has been granted the approval of Investigational New Drug (the “**IND**”) from the National Medical Products Administration (“**NMPA**”), to commence Phase I clinical trial of its B7H4x4-1BB bispecific antibody (HBM7008) in China. This study will evaluate the safety, tolerability, pharmacokinetics, pharmacodynamics and preliminary anti-tumor activity of HBM7008 in patients with solid tumors. It has successfully completed the dosing of first patient in the phase I trial of HBM7008 in Australia on May 25.

HBM7008 is generated from our unique and innovative HBICE® platform. It is a first-in-class bispecific antibody targeting B7H4 and 4-1BB. The bispecific antibody can engage and activate T cells by 4-1BB only in B7H4 positive tumor microenvironment. B7H4 is overexpressed on a variety of solid malignancies, including breast, ovarian, endometrial, and non-small cell lung cancers. With its crosslinking dependent specificity on tumors and potent immune modulation activity, HBM7008 has shown excellent safety profile with strong anti-tumor efficacy in the pre-clinical study, including completed response observed in mouse tumor model.

About HBM7008

HBM7008 is a bispecific antibody targeting Tumor Associated Antigen B7H4x4-1BB that not only displays high potency in the T cell co-stimulation and tumor growth inhibition, and potentially may also translate to better safety due to its strict dependency of TAA-mediated crosslinking T cell activation. HBM7008 is one of the fully human bispecific antibodies developed from the HBICE® platform of the Company. It is the only bispecific antibody against these two targets globally. Its unique specificity on tumors and immune modulation activity makes it a promising therapy in PD-L1 negative or PD-1/PD-L1 resistant patients. It also has the potential to avoid 4-1BB liver toxicity risk observed in other products with the benefit of its innovative biology mechanisms and bispecific design.

Cautionary Statement: we cannot guarantee that we will be able to develop, or ultimately market, HBM7008 successfully. Shareholders and potential investors of the Company are advised to exercise due care when dealing in the shares of the Company.

By order of the Board
HBM Holdings Limited
Dr. Jingsong Wang
Chairman and Executive Director

Hong Kong, 8 June 2022

As at the date of this announcement, the board of directors of the Company comprises Dr. Jingsong Wang and Dr. Yiping Rong as executive Directors; Mr. Yu Min Qiu, Mr. Junfeng Wang and Ms. Weiwei Chen as non-executive Directors; Dr. Robert Irwin Kamen, Dr. Xiaoping Ye and Mr. Ka Chi Yau as independent non-executive Directors.