Genmab Announces Preclinical Data to be Presented at American Association for Cancer Research (AACR) Annual Meeting 2021

Media Release

Copenhagen, Denmark, March 10, 2021

- **Two posters featuring innovative Genmab bispecific antibody programs selected for presentation at AACR Annual Meeting 2021**

Genmab A/S (Nasdaq: GMAB) announced today that two posters evaluating investigational medicines created using Genmab's DuoBody® technology will be presented at the American Association for Cancer Research Annual Meeting 2021, taking place virtually April 10-15 and May 17-21. The posters summarize data from a preclinical evaluation of the investigational medicine, epcoritamab (DuoBody-CD3xCD20) in combination with standard of care therapies for the treatment of B-cell lymphomas, and a preclinical mechanism of action evaluation of GEN1042 (DuoBody-CD40x4-1BB). The abstracts have been published on the AACR website and may be accessed via the Online Meeting Planner. All e-poster presentations will be made available on the on-demand Virtual Congress platform on www.aacr.org**.** Epcoritamab is being co-developed by Genmab and AbbVie. GEN1042 is being co-developed by Genmab and BioNTech.

"We are excited to present data showcasing the progress we are making with key investigational medicines in our product pipeline utilizing the innovative DuoBody bispecific antibody platform," said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab. "Together with our partners, we continue to employ the DuoBody technology platform to effectively create opportunities for innovative antibody drug design and development with the goal of transforming cancer treatment."

Epcoritamab (DuoBody-CD3xCD20):
Preclinical evaluation of epcoritamab combined with standard of care therapies for the treatment of B-cell lymphomas

GEN1042 (DuoBody-CD40x4-1BB):
DuoBody-CD40x4-1BB (GEN1042) induces dendritic-cell maturation and enhances T-cell activation and effector functions in vitro by conditional CD40 and 4-1BB agonist activity

About Epcoritamab
Epcoritamab is an investigational IgG1-bispecific antibody created using Genmab's proprietary DuoBody technology. Genmab's DuoBody-CD3 technology is designed to direct cytotoxic T cells selectively to tumors to elicit an immune response towards malignant cells. Epcoritamab is designed to simultaneously bind to CD3 on T cells and CD20 on B cells and induces T cell mediated killing of lymphoma B cells.[1] CD20 is a clinically validated therapeutic target, and is expressed on many B-cell malignancies, including diffuse large B-cell lymphoma, follicular lymphoma, mantle cell lymphoma and chronic lymphocytic leukemia.[2,3] Epcoritamab is being co-developed by Genmab and AbbVie as part of the companies' broad oncology collaboration.

About GEN1042 (DuoBody-CD40x4-1BB)
GEN1042 (DuoBody-CD40x4-1BB) is a proprietary bispecific antibody, jointly owned by Genmab and BioNTech, created using Genmab's DuoBody technology. It is being co-developed under an agreement in which the companies share all costs and future profits for the product on a 50:50 basis. CD40 and 4-1BB were selected as targets to enhance both dendritic cells (DC) and antigen-dependent T-cell activation, using an inert DuoBody format.

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About Genmab

Genmab is an international biotechnology company with a core purpose to improve the lives of patients with cancer. Founded in 1999, Genmab is the creator of multiple approved antibody therapeutics that are marketed by its partners. The company aims to create, develop and commercialize differentiated therapies by leveraging next-generation antibody technologies, expertise in antibody biology, translational research and data sciences and strategic partnerships. To create novel therapies, Genmab utilizes its next-generation antibody technologies, which are the result of its collaborative company culture and a deep passion for innovation. Genmab's proprietary pipeline consists of modified antibody candidates, including bispecific T-cell engagers and next-generation immune checkpoint modulators, effector function enhanced antibodies and antibody-drug conjugates. The company is headquartered in Copenhagen, Denmark with locations in Utrecht, the Netherlands, Princeton, New Jersey, U.S. and Tokyo, Japan. For more information, please visit Genmab.com.

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[1]Engelbert et al. "DuoBody-CD3xCD20 induces potent T-cell-mediated killing of malignant B cells in preclinical models and provides opportunities for subcutaneous dosing." EBioMedicine. 2020 Feb;52: 102625. doi: 10.1016/j.ebiom.2019.102625. Epub 2020 Jan 23. PMID: 31981978; PMCID: PMC6992935.
[2]Rafiq, Sarwish, et al. "Comparative Assessment of Clinically Utilized CD20-Directed Antibodies in Chronic Lymphocytic Leukemia Cells Reveals Divergent NK Cell, Monocyte, and Macrophage Properties." Journal of Immunology (Baltimore, Md. 1950), U.S. National Library of Medicine, 15 Mar. 2013, www.ncbi.nlm.nih.gov/pmc/articles/PMC3631574/.
[3]Singh, Vijay, et al. "Development of Novel Anti-Cd20 Monoclonal Antibodies and Modulation in Cd20 Levels on Cell Surface: Looking to Improve Immunotherapy Response." Journal of Cancer Science & Therapy, U.S. National Library of Medicine, Nov. 2015, www.ncbi.nlm.nih.gov/pmc/articles/PMC4939752/.