UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K
REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934
FOR THE MONTH OF MARCH 2024
COMMISSION FILE NUMBER 001-38976
Genmab A/S
(Exact name of Registrant as specified in its charter) Carl Jacobsens Vej 30
2500 Valby Denmark +45 70 20 27 28 (Address of principal executive offices)
Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40
F.

Form 40-F □

Form 20-F \boxtimes

This report on Form 6-K shall be deemed to be incorporated by reference in Genmab A/S's registration statements on Form S-8 (File No. 333-232693, 333-253519, 333-262970 and 333-277273) and to be a part thereof from the date on

which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

GENMAB A/S

BY: /s/ Anthony Pagano
Name: Anthony Pagano
Title: Executive Vice President & Chief Financial

Officer

DATE: March 15, 2024

EXHIBIT INDEX

Exhibit <u>Description of Exhibit</u>

<u>Company Announcement Dated March 15, 2024: Genmab Announces Initiation of Share Buy-Back Program</u> 99.1



Genmab Announces Initiation of Share Buy-Back Program

Company Announcement

- . Repurchase of up to DKK 3.5 billion worth of shares
- Completion expected no later than December 16, 2024

COPENHAGEN, Denmark; March 15, 2024 – Genmab A/S (Nasdaq: GMAB) announced today that it is initiating a share buy-back program. The share buy-back program will be undertaken on the terms set out below and in accordance with Regulation (EU) No. 596/2014 ('MAR') and the Commission Delegated Regulation (EU) 2016/1052, also referred to as the "Safe Harbour Regulation."

Time frame

The share buy-back program will start on March 18, 2024, and is expected to end no later than December 16, 2024 (unless Genmab terminates or suspends the program).

Terms

Genmab has entered into a non-discretionary instruction with Morgan Stanley Europe SE ('Morgan Stanley') in relation to the share buy-back program. Morgan Stanley will make its own trading decisions and act independently of and without influence or involvement from Genmab. Under this share buy-back program Genmab may repurchase up to DKK 3.5 billion worth of shares.

Any purchase of ordinary shares done in relation to this announcement will be carried out on Nasdaq Copenhagen and Multilateral Trading Facilities and executed in accordance with the price and volume conditions set out in the Commission Delegated Regulation (EU) 2016/1052 of 8 March 2016 supplementing Regulation (EU) No 596/2014 of the European Parliament and of the Council with regard to regulatory technical standards for the conditions applicable to buyback programs and stabilization measures, and Genmab's general authority to make market purchases of ordinary shares.

Shares acquired under the program cannot be purchased at a price exceeding the higher of (i) the price of the latest independent transaction on the trading venue where the purchase is carried out and (ii) the price of the highest independent bid the trading venue where the purchase is carried out at the time of the transaction. The total number of shares that may be purchased on a single trading day on each trading venue may not exceed 25% of the average daily trading volume over the preceding 20 trading days on such trading venue.

As of March 14, 2024, Genmab holds 863,972 treasury shares equal to 1.31% of the share capital.

Upon initiation of the program, Genmab will issue a weekly announcement in respect of transactions made under the program.

About Genmab

Genmab is an international biotechnology company with a core purpose guiding its unstoppable team to strive towards improving the lives of patients through innovative and differentiated antibody therapeutics. For 25 years, its passionate, innovative and collaborative team has invented next-generation antibody technology platforms and leveraged translational, quantitative, and data sciences, resulting in a proprietary pipeline including bispecific T-cell engagers, next-generation immune checkpoint modulators, effector function enhanced antibodies, and antibody-drug conjugates. To help develop and deliver novel antibody therapies to patients, Genmab has formed 20+ strategic partnerships with biotechnology and

Genmab A/S Carl Jacobsens Vej 30 2500 Valby, Denmark Tel: +45 7020 2728 Fax: +45 7020 2729 www.genmab.com Company Announcement no. 22 Page 1/2 CVR no. 2102 3884 LEI Code 529900MTJPDPE4MHJ122



Genmab Announces Initiation of Share Buy-Back Program

pharmaceutical companies. By 2030, Genmab's vision is to transform the lives of people with cancer and other serious diseases with knock-your-socks-off (KYSO®) antibody medicines.

Established in 1999, Genmab 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 and follow us on LinkedIn and X.

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This Company Announcement contains forward looking statements. The words "believe", "expect", "anticipate", "intend" and "plan" and similar expressions identify forward looking statements. Actual results or performance may differ materially from any future results or performance expressed or implied by such statements. The important factors that could cause our actual results or performance to differ materially include, among others, risks associated with precinical and clinical development of products, uncertainties related to the outcome and conduct of clinical trials including unforeseen safety issues, uncertainties related to product manufacturing, the lack of market acceptance of our products, our inability to manage growth, the competitive environment in relation to our business area and markets, our inability to attract and retain suitably qualified personnel, the unenforceability or lack of protection of our patents and proprietary rights, our relationships with affiliated entities, changes and developments in technology which may render our products or technologies obsolete, and other factors. For a further discussion of these risks, please refer to the risk management sections in Genmab's most recent financial reports, which are available on www.genmab.com and the risk factors included in Genmab's most recent Annual Report on Form 20-F and other filings with the U.S. Securities and Exchange Commission (SEC), which are available at www.sec.gov. Genmab does not undertake any obligation to update or revise forward looking statements in this Company Announcement nor to confirm such statements to reflect subsequent events or circumstances after the date made or in relation to actual results, unless required by law.

Genmab A/S and/or its subsidiaries own the following trademarks: Genmab®; the Y-shaped Genmab logo®; Genmab in combination with the Y-shaped Genmab logo®; HuMax®; DuoBody®; HexaBody®; DuoHexaBody®, HexElect® and KYSO®.

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