

Constitution of the Board of Directors in Genmab A/S, Grant of Restricted Stock Units to two Board Members and Grant of Warrants to Employees in Genmab

Company Announcement

Copenhagen, Denmark; March 26, 2015 – Following Genmab A/S' (OMX: GEN) Annual General Meeting held on March 26, 2015, the Company's Board of Directors met to constitute itself. Mats Pettersson was appointed Chairman and Dr. Anders Gersel Pedersen was appointed Deputy Chairman. It was decided to grant 5,400 restricted stock units to the two new members of the Board of Directors and to issue 22,050 warrants to employees of the Company and the Company's subsidiaries.

Each restricted stock unit provides the owner with a right and obligation to receive one share in Genmab A/S of nominally DKK 1. The fair value of each restricted stock unit is equal to the closing market price on the date of grant of one Genmab A/S share, DKK 466.20.

The restricted stock units will vest on the first banking day of the month following a period of three years from the date of grant. Furthermore, the restricted stock units are subject to vesting conditions set out in the restricted stock unit program adopted by the Board of Directors in accordance with the general guidelines for incentive-based remuneration adopted by the shareholders at the annual general meeting. Information concerning Genmab's restricted stock unit program can be found on www.genmab.com under Investors > Stock information > Restricted stock units.

The exercise price for each warrant is DKK 466.20. Each warrant entitles the owner to subscribe one share of nominally DKK 1. On the basis of an exercise price of DKK 466.20 and by application of the Black-Scholes formula, the average value of each warrant can be calculated as DKK 154.92 based on an interest rate of 0.4000% and the historical volatility of Genmab A/S shares calculated at 42.02%.

The warrants vest in blocks of 25% one, two, three and four years after the grant date, and all warrants expire at the seventh anniversary of the grant date. The new warrants were granted pursuant to the warrant plan adopted by the board on April 25, 2012. Information concerning Genmab's warrant schemes can be found on www.genmab.com under Investors > Stock information > Warrants.

About Genmab

Genmab is a publicly traded, international biotechnology company specializing in the creation and development of differentiated human antibody therapeutics for the treatment of cancer. Founded in 1999, the company currently has one marketed antibody, Arzerra® (ofatumumab) for the treatment of certain chronic lymphocytic leukemia indications and daratumumab in clinical development for multiple myeloma and non-Hodgkin's lymphoma, in addition to other clinical programs, and an innovative pre-clinical pipeline. Genmab's technology base consists of validated and proprietary next generation antibody technologies - the DuoBody® platform for generation of bispecific antibodies, and the HexaBody™ platform which creates effector function enhanced antibodies. Genmab's deep antibody expertise is expected to provide a stream of future product candidates. Partnering of selected innovative product candidates and technologies is a key focus of Genmab's strategy and the company has alliances with top tier pharmaceutical and biotechnology companies. For more information visit www.genmab.com.

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This Company Announcement contains forward looking statements. The words "believe", "expect", "anticipate", "intend" and "plan"

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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 pre-clinical 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 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. Genmab does not undertake any obligation to update or revise forward looking statements in this Company Announcement nor to confirm such statements in relation to actual results, unless required by law.

Genmab A/S and its subsidiaries own the following trademarks: Genmab[®]; the Y-shaped Genmab logo[®]; Genmab in combination with the Y-shaped Genmab logo[™]; the DuoBody logo[™]; the HexaBody logo[™]; HuMax[®]; HuMax-CD20[®]; DuoBody[®]; HexaBody[™] and UniBody[®]. Arzerra[®] is a registered trademark of the GSK group of companies.