Genmab Announces Expansion of DuoBody Platform Collaboration with Janssen Biotech, Inc.

Company Announcement

- **DuoBody® platform collaboration with Janssen expanded to include additional programs**
- **Genmab receives initial payment of $2 million**

Copenhagen, Denmark; December 4, 2013 – Genmab A/S (OMX: GEN) announced today an expansion of its collaboration with Janssen Biotech, Inc. ("Janssen") to create and develop bispecific antibodies using the DuoBody technology platform. The original agreement entitled Janssen to work on up to ten DuoBody programs. Under the terms of the amendment, Janssen is entitled to work on up to ten additional programs.

Genmab will receive an initial payment of $2 million (approximately DKK 11 million) from Janssen. For each of the ten additional programs that Janssen successfully initiates, develops and commercializes, Genmab will potentially be entitled to milestone and license payments of up to approximately $174 million (DKK 956 million) to $219 million (DKK 1.2 billion), depending on the date each program is initiated. In the most favorable scenario in which all ten additional programs are successfully initiated, developed and commercialized, Genmab would receive average milestone and license payments of approximately $191 million (DKK 1.0 billion) for each of the ten programs. In addition, Genmab will be entitled to royalties on sales of any commercialized products.

"Our DuoBody collaboration with Janssen has been very productive since we signed the initial agreement in July 2012. We are excited about the potential to work with Janssen on additional programs," said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab.

This agreement does not materially impact Genmab's 2013 financial guidance.

About the DuoBody Platform
The DuoBody platform is an innovative platform for the discovery and development of bispecific antibodies that may improve antibody therapy of cancer, autoimmune, infectious and central nervous system disease. Bispecific antibodies bind to two different epitopes either on the same, or on different targets (also known as dual-targeting) which may improve the antibodies' specificity and efficacy in inactivating the disease targets. DuoBody molecules are unique in combining the benefits of bispecificity with the strengths of conventional antibodies which allows DuoBody molecules to be administered and dosed as other antibody therapeutics. Genmab's DuoBody platform generates bispecific antibodies via a fast and broadly applicable process which is easily performed at standard bench, as well as commercial, manufacturing scale.

About Genmab A/S
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's first marketed antibody, ofatumumab (Arzerra®), was approved to treat chronic lymphocytic leukemia in patients who are refractory to fludarabine and alemtuzumab after less than eight years in development. Genmab's validated and next generation antibody technologies are expected to provide a steady stream of future product candidates. Partnering of 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.