Daratumumab Data to Be Presented at 2014 ASCO Annual Meeting

Media Release

- **Latest data from two daratumumab studies in multiple myeloma**
- **Abstracts available online at ASCO website**

Copenhagen, Denmark; May 14, 2014 – Genmab A/S (OMX: GEN) announced today that data from two ongoing studies of daratumumab will be presented at the 2014 American Society of Clinical Oncology (ASCO) Annual Meeting in Chicago, May 30 – June 3. The latest data from the Phase I/II study of daratumumab as a monotherapy to treat patients with relapsed or refractory multiple myeloma will be presented in an oral session. A poster describing results from a Phase I/II study of daratumumab in combination with lenalidomide and dexamethasone in relapsed or refractory multiple myeloma will also be presented in a poster highlights session. The abstracts have been published at the ASCO website at http://abstracts.asco.org.

Abstracts
Safety and efficacy of daratumumab with lenalidomide and dexamethasone in relapsed or refractory multiple myeloma – Abstract # 8533. Poster highlights presentation May 30 at 1PM to 4PM CDT

Dose-dependent efficacy of daratumumab (DARA) as monotherapy in patients with relapsed or refractory multiple myeloma (RR MM) – Abstract # 8513. Oral presentation June 2 at 9AM to 9:12AM CDT

About daratumumab
Daratumumab is a human CD38 monoclonal antibody with broad-spectrum killing activity. Daratumumab is in clinical development for multiple myeloma (MM). Daratumumab targets the CD38 molecule which is highly expressed on the surface of multiple myeloma cells. Daratumumab may also have potential in other cancers on which CD38 is expressed, including diffuse large B-cell lymphoma, chronic lymphocytic leukemia, acute lymphoblastic leukemia, plasma cell leukemia, acute myeloid leukemia, follicular lymphoma and mantle cell lymphoma. Daratumumab has been granted Breakthrough Therapy Designation from the US FDA for the treatment of patients with multiple myeloma who have received at least three prior lines of therapy including a proteasome inhibitor (PI) and an immunomodulatory agent (IMiD) or who are double refractory to a PI and an IMiD. In August 2012, Genmab granted Janssen Biotech, Inc. an exclusive worldwide license to develop and commercialize daratumumab.

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 currently has one marketed antibody, Arzerra® (ofatumumab) for the treatment of certain chronic lymphocytic leukemia indications, a clinical pipeline with both late and early stage 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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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 Media Release nor to confirm such statements in relation to actual results, unless required by law.