Genmab Achieves USD 10 Million Milestone in Daratumumab Collaboration with Janssen

Company Announcement

- **Genmab to receive USD 10 million milestone payment from Janssen**
- **Milestone triggered by progress in the Phase III study in patients with multiple myeloma of daratumumab in combination with bortezomib, melphalan and prednisone**

Copenhagen, Denmark; April 16, 2015 – Genmab A/S (OMX: GEN) announced today it has reached the fifth milestone in its daratumumab collaboration with Janssen Biotech, Inc. (Janssen). The USD 10 million milestone payment was triggered by progress in the ongoing Phase III study ("Alcyone" MMY3007) which compares daratumumab in combination with bortezomib, melphalan and prednisone (VMP) to bortezomib, melphalan and prednisone alone as front line treatment for patients who are not considered candidates for stem cell transplantation (SCT).

"We are pleased with the progress being made in the daratumumab Alcyone study for multiple myeloma. Multiple myeloma is the most common type of blood cancer in the US and second most common in Europe and we hope that the combination of daratumumab with other myeloma therapies will provide another treatment option for patients in the future," said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab.

Today's news does not impact Genmab's 2015 financial guidance.

About the MMY3007 study
This Phase III study is a randomized, open-label, multicenter study and will include approximately 700 newly diagnosed, chemotherapy naïve multiple myeloma patients ineligible for stem cell transplantation (SCT). Patients will be randomized to receive 9 cycles either daratumumab combined with bortezomib (a proteasome inhibitor), melphalan (an alkylating chemotherapeutic agent) and prednisone (a corticosteroid), or bortezomib, melphalan and prednisone alone. In the daratumumab treatment arm, patients will receive 16 mg/kg of daratumumab once weekly for six weeks (cycle 1; 1 cycle = 42 days), followed by once every three weeks (cycles 2-9). Following the 9 cycles, patients in the daratumumab treatment arm will continue to receive 16 mg/kg of daratumumab once every four weeks until disease progression. The primary endpoint of the study is progression free survival (PFS).

About daratumumab
Daratumumab is a human CD38 monoclonal antibody with broad-spectrum killing activity. Daratumumab is in clinical development for multiple myeloma (MM) and non-Hodgkin's lymphoma (NHL). 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. In August 2012, Genmab granted Janssen Biotech, Inc. an exclusive worldwide license to develop and commercialize daratumumab.

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

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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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