

ARZERRA FOURTH QUARTER AND FULL YEAR 2010 NET SALES FIGURES

- Arzerra net sales in the fourth quarter of 2010 totaled GBP 9 million (DKK 77 million)
- Full year 2010 Arzerra net sales were GBP 31 million (DKK 270 million)
- Driving Genmab royalty income DKK 15.5 million for Q4 and DKK 54.1 million for the full year

Copenhagen, Denmark; February 3, 2011 – Genmab A/S (OMX: GEN) announced today that the net sales for Arzerra® (ofatumumab) during the fourth quarter of 2010 were GBP 9 million (approximately DKK 77 million). Arzerra fourth quarter net sales in the U.S. and the rest of the world were GBP 7 million (approximately DKK 60 million) and GBP 2 million (approximately DKK 17 million) respectively. Under the terms of the collaboration with GlaxoSmithKline (GSK), Genmab expects to receive a royalty payment of approximately DKK 15.5 million.

Full year 2010 net sales of Arzerra totaled GBP 31 million (approximately DKK 270 million) worldwide, resulting in total royalty income to Genmab of DKK 54.1 million for the year.

“We are pleased to announce the first full year of Arzerra sales figures and expect to see an increase in sales in 2011 driven by the continued commercialization and reimbursement within the EU and US,” said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab.

Arzerra was granted accelerated approval by the FDA in October 2009, for the treatment of patients in the U.S. with chronic lymphocytic leukemia (CLL) that is refractory to fludarabine and alemtuzumab. Arzerra was launched by GSK in mid-November 2009. In April 2010, a conditional marketing authorization for the treatment of CLL in patients who are refractory to fludarabine and alemtuzumab was granted by the EU Commission.

The conversion from GBP to DKK has been made using the Danish Central Bank average rates for the respective quarters in 2010.

About Genmab A/S

Genmab is a leading international biotechnology company focused on developing fully human antibody therapeutics for the potential treatment of cancer. Genmab's world class discovery and development teams are using cutting-edge technology to create and develop products to address unmet medical needs. Our primary goal is to improve the lives of patients who are in urgent need of new treatment options. For more information on Genmab's products and technology, visit www.genmab.com.

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