



To NASDAQ OMX Copenhagen A/S
Announcement No. 01-10 / Copenhagen, January 6 2010

TopoTarget A/S
Symbion
Fruebjergvej 3
DK 2100 Copenhagen
Denmark
Tel: +45 39 17 83 92
Fax: +45 39 17 94 92
CVR-nr: 25695771

www.topotarget.com

Belinostat phase II trial initiated in platinum-resistant ovarian cancer by the Gynecologic Oncology Group (GOG) supported by the National Cancer Institute (US)

Copenhagen, Denmark – January 6, 2010 – TopoTarget A/S (OMX: TOPO) announced today that GOG (The Gynecologic Oncology Group, US) has initiated a phase II trial evaluating efficacy and safety of belinostat and carboplatin in the treatment of recurrent or persistent platinum-resistant ovarian, fallopian tube or peritoneal cancer. GOG receives support for this trial from the National Cancer Institute (NCI) of the National Institutes of Health (NIH).

"Positive efficacy and safety data with belinostat and carboplatin and paclitaxel (BelCaP) in patients with platinum resistant ovarian cancer have previously been announced by TopoTarget. We are very pleased that GOG now initiates this phase II study with belinostat and carboplatin (BelCar) in this difficult to treat patient population. Platin-resistance is a huge unsolved clinical problem in relapsing ovarian cancer and hopefully GOG will be able to show that BelCar, without additional paclitaxel is active in the platinum resistant setting." said MD., Professor Peter Buhl Jensen, CEO of TopoTarget "if GOG is able to repeat our initial positive results in platinum resistant patients we hope to advance into pivotal trials."

The study

A Phase II evaluation of belinostat and carboplatin in the treatment of recurrent or persistent platinum-resistant ovarian, fallopian tube, or primary peritoneal cancer.

Background and rationale

Ovarian cancer remains the most fatal of the gynecologic malignancies. While a combination of aggressive debulking surgery and platinum/taxane based chemotherapy is expected to be successful in over 70% of women who will respond, the vast majority will go on to develop recurrence and die of drug-resistant disease. The platinum-free interval has been shown to predict response to re-treatment with platinum agents as a second line agent, and it is now recognized that women who progress during platinum therapy (platinum-refractory) or recur with platinum-free intervals of less than 6 months are likely not to respond and also to have the worst prognosis and therefore are appropriate candidates for consideration of novel agents. Epigenetic modulation, e.g. changes in acetylation levels of histone and non-histone proteins, might interfere with resistance mechanisms of standard chemotherapy agents like carboplatin, and enhance activity of such agents. The benefits of re-treatment with platinum-based chemotherapy can currently not be expected by women with a platinum-free interval between 0 and 6 months (platinum-resistant). It would be a significant benefit for such women if resistance mechanisms to platinum-based combinations could be impacted, and resistance reverted, which could potentially make it possible for these women to benefit from platinum-based re-treatment in the same way as women with recurring disease and platinum-free intervals of more than 12 months. This study is intended to

Belinostat phase II trial initiated in platinum-resistant ovarian cancer by the Gynecologic Oncology Group (GOG) supported by the National Cancer Institute (US)



evaluate the possibility to broaden the group of women with recurrent ovarian cancer who can benefit from re-treatment with carboplatin based therapy by the addition of an epigenetically active agent like belinostat.

Today's news does not change TopoTarget's full-year financial guidance.

TopoTarget A/S

For further information, please contact:

Peter Buhl Jensen CEO	Telephone	+45 39 17 94 99
	Mobile	+45 21 60 89 22

Background information

About belinostat

Belinostat is a promising small molecule HDAC inhibitor being investigated for its role in the treatment of a wide range of solid tumors and hematologic malignancies either as a single-agent, or in combination with other active anti-cancer agents, including carboplatin, paclitaxel, doxorubicin, idarubicin, cis-retinoic acid, azacytidine, 5-FU, etoposide and Velcade® (bortezomib) for injection. HDAC inhibitors represent a new mechanistic class of anti-cancer therapeutics that target HDAC enzymes, and have been shown to: arrest growth of cancer cells (including drug resistant subtypes); induce apoptosis, or programmed cell death; promote differentiation; inhibit angiogenesis; and sensitize cancer cells to overcome drug resistance when used in combination with other anti-cancer agents.

Intravenous belinostat is in phase III in peripheral T-cell lymphoma (PTCL) and is currently being evaluated in multiple clinical trials as a potential treatment for, cancer of unknown primary (CUP), ovarian cancer, small cell lung cancer, , thymoma, liver, soft tissue sarcoma, lymphoma, AML,, Myelodysplastic Syndrome (MDS), either alone or in combination with other anti-cancer therapies. Continuous intravenous administration (CIV) is being evaluated in clinical trials in solid tumours as well as in AML. An oral formulation of belinostat is also being evaluated in a Phase I clinical trial for patients with advanced solid tumors. Several trials in the belinostat program are conducted under a Clinical Trials Agreement (CTA) under which the NCI sponsors clinical trials to investigate belinostat for the treatment of various cancers, both as a single-agent and in combination chemotherapy regimens. Furthermore TopoTarget has a Cooperative Research and Development Agreement (CRADA) with the NCI to conduct preclinical and nonclinical studies on belinostat in order to better understand its anti-tumor activity and to provide supporting information for clinical trials.

About Ovarian Cancer

Ovarian cancer is the fourth leading cause of cancer death in women. The American Cancer Society estimates that in one year more than 22,000 new cases of ovarian cancer will be diagnosed in the United States. Furthermore, nearly 70% of these women will be diagnosed with advanced, metastatic disease. Despite advances in therapeutic options, the mortality rate for ovarian cancer has not improved significantly over the past 50 years, with more than 16,000 women expected to die from ovarian cancer this year.

About GOG

The Gynecologic Oncology Group (GOG) is a US non-profit organization with the purpose of promoting excellence in the quality and integrity of clinical and basic scientific research in the field of Gynecologic malignancies. The Group is committed to maintaining the highest standards in clinical trials development, execution, analysis and distribution of results.

To promote this mission, the GOG receives support from the National Cancer Institute (NCI) of the National Institutes of Health (NIH).

About TopoTarget

TopoTarget (OMX: TOPO) is an international biotech company headquartered in Denmark, dedicated to finding "Answers for Cancer" and developing improved cancer therapies. The company was founded and is run by clinical cancer specialists and combines years of hands-on clinical experience with in-depth understanding of the molecular mechanisms of cancer.

TopoTarget has a broad clinical pipeline but is currently focusing on the development of belinostat, which has shown proof of concept as monotherapy in treating haematological malignancies and positive results

Belinostat phase II trial initiated in platinum-resistant ovarian cancer by the Gynecologic Oncology Group (GOG) supported by the National Cancer Institute (US)



in solid tumours where it can be used in combination with full doses of chemotherapy, and is in a pivotal trial in PTCL. TopoTarget's expertise in translational research is utilizing its highly predictive in vivo and in vitro cancer models. TopoTarget is directing its efforts on key cancer targets including HDACi, NAD+, mTOR, FasLigand and topoisomerase II inhibitors. The company's first marketed product Savene[®]/Totect[®] was approved by EMEA in 2006 and the FDA in 2007 and is marketed by TopoTarget's own sales force in Europe and the US. For more information, please refer to www.topotarget.com.

TopoTarget Safe Harbour Statement

This announcement may contain forward-looking statements, including statements about our expectations of the progression of our preclinical and clinical pipeline including the timing for commencement and completion of clinical trials and with respect to cash burn guidance. Such statements are based on management's current expectations and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. TopoTarget cautions investors that there can be no assurance that actual results or business conditions will not differ materially from those projected or suggested in such forward-looking statements as a result of various factors, including, but not limited to, the following: The risk that any one or more of the drug development programs of TopoTarget will not proceed as planned for technical, scientific or commercial reasons or due to patient enrolment issues or based on new information from non-clinical or clinical studies or from other sources; the success of competing products and technologies; technological uncertainty and product development risks; uncertainty of additional funding; TopoTarget's history of incurring losses and the uncertainty of achieving profitability; TopoTarget's stage of development as a biopharmaceutical company; government regulation; patent infringement claims against TopoTarget's products, processes and technologies; the ability to protect TopoTarget's patents and proprietary rights; uncertainties relating to commercialization rights; and product liability expo-sure; We disclaim any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, unless required by law.