Press release

Oncology Venture gets European patent on its AI powered method to find patients who will benefit from LiPlaCis

Hoersholm, Denmark, June 24, 2019 – Oncology Venture A/S (Nasdaq First North Stockholm: OV.ST) today informs that the European Patent Office will grant Oncology Venture a patent on the LiPlaCis Drug Response Prediction (DRP®). The LiPlaCis DRP® covers 205 genes and predicts the response in individual patients to the anti-cancer drug LiPlaCis® based on a pre-treatment biopsy.

LiPlaCis® is an intelligent, target controlled liposome formulation of one of the world's most widely used chemotherapies, cisplatin. The specific LiPlaCis® formulation allows delivery of LiPlaCis® directly at the tumor site. Oncology Venture's drug specific diagnostic tool DRP® selects the patients who are expected to benefit from the treatment. LiPlaCis® is showing strong results in an ongoing Phase 2 study in patients with metastatic breast cancer.

The patent from the European Patent Office provides key intellectual property protection in Europe.

"The patent approval is an important value driver in the development of LiPlaCis, since our AI powered DRP technology is instrumental for the strong results we have seen so far in the ongoing Phase 2 study. Together with the well-defined regulatory route towards marketing approval, as announced earlier this month, the new patent provides us with an exceptionally solid platform for the ongoing partnering process", **says Peter Buhl Jensen, M.D., CEO of Oncology Venture.**

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About the Drug Response Predictor – DRP® Companion Diagnostic
Oncology Venture uses its multi gene DRP® to select those patients who by the genetic signature of their cancer are found to have a high likelihood of responding to the drug. The goal is developing the drug for the right patients, and by screening patients before treatment the response rate can be significantly increased. The DRP® method builds on the comparison of sensitive vs. resistant human cancer cell lines, including genomic information from cell lines combined with clinical tumor biology and clinical correlates in a systems biology network. DRP® is based on messenger RNA from the patient's biopsies.
DRP® has proven its ability to provide a statistically significant prediction of the clinical outcome from drug treatment in cancer patients in 29 out of 37 clinical studies that were examined and is currently demonstrating promising results in an ongoing phase 2 study prospectively using LiPlaCis and its DRP® to track, match and treat patients with metastatic breast cancer.
The DRP® platform, i.e. the DRP® and the PRP® tools, can be used in all cancer types and is patented for more than 70 anti-cancer drugs in the US. The PRP® is used by Oncology Venture for Personalized Medicine. The DRP® is used by Oncology Venture for drug development.

About Oncology Venture A/S
Oncology Venture A/S is engaged in the research and development of anti-cancer drugs via its wholly-owned subsidiary, Oncology Venture Product Development ApS. Oncology Venture uses Drug Response Prediction – DRP® –to significantly increase the probability of success in clinical trials. DRP® has proven its ability to provide a statistically significant prediction of the clinical outcome from drug treatment in cancer patients in 29 out of 37 clinical studies that were examined and is currently demonstrating promising results in an ongoing phase 2 study prospectively using LiPlaCis and its DRP® to track, match and treat patients with

metastatic breast cancer. The DRP® alters the odds in comparison with traditional pharmaceutical development. Instead of treating all patients with a particular type of cancer, patients' tumors genes are first screened, and only the patients most likely to respond to the treatment will be treated. Via a more well-defined patient group, risks and costs are reduced while the development process becomes more efficient.

The current OV product portfolio includes: LiPlaCis®, a liposomal formulation of cisplatin in an ongoing Phase 2 trial for breast and prostate cancer; 2X-121 a PARP inhibitor in an ongoing Phase 2 for breast cancer; dovitinib, which will enter Phase 2 trials for indications dependent on further Dovitinib-DRP retrospective/prospective analysis of studies completed by Novartis. 2X-111, a liposomal formulation of doxorubicin under manufacturing for Phase 2 in breast cancer; irofulven, a Phase 2 is ongoing for prostate cancer; and APO010, an immuno-oncology product in Phase 1/2 for multiple myeloma.

Oncology Venture has spun out two companies as Special Purpose Vehicles: Oncology Venture U.S. Inc. (previously 2X Oncology Inc.), a US-based precision medicine company focusing on developing 2X-121 and 2X-111, and OV-SPV 2, a Danish company that will test and develop dovitinib. Oncology Venture A/S has an ownership of 92% in Oncology Venture US and 63% of dovitinib with an opportunity to acquire further 37%.

Learn more at oncologyventure.com

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Forward-looking statements

This announcement includes forward-looking statements that involve risks, uncertainties and other factors, many of which are outside of OV's control and which could cause actual results to differ materially from the results discussed in the forward-looking statements. Forward-looking statements include statements concerning OV's plans, objectives, goals, future events, performance and/or other information that is not historical information. All such forward-looking statements are expressly qualified by these cautionary statements and any other cautionary statements which may accompany the forward-looking statements. OV undertake no obligation to publicly update or revise forward-looking statements to reflect subsequent events or circumstances after the date made, except as required by law.

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This information is information that Oncology Venture A/S is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication on June 24, 2019.