

FOR IMMEDIATE RELEASE

Cancer Advances Announces Publication of Positive Results in Phase 2 Study of PAS in Metastatic Colorectal Cancer Subjects

- PAS was administered in combination with irinotecan to 161 subjects with refractory advanced metastatic colorectal cancer
- Analysis of those who raised antibodies to Gastrin G17 (62%) against those who did not showed a statistically significant increase in median survival (9.0 vs. 5.6 months; $p \leq 0.001$)
- Trial results will be discussed, along with positive Phase 3 data recently submitted to FDA, ahead of regulatory filing

Durham, NC, September 12, 2014 — Cancer Advances, Inc., a biotechnology portfolio company of Cato BioVentures, announces the publication of data from their Phase 2 study in colorectal cancer, CC6. In the single arm open-label study 161 subjects refractory to irinotecan-based chemotherapy received (PAS) G17DT in combination with irinotecan. A prospective analysis was performed between the subjects that mounted a measurable immune response ($n=94$ or 62%) and those that did not elicit an immune response. Results showed a significant difference in median survival of 274 days versus 169 days respectively (9.0 vs. 5.6 months; $p \leq 0.001$). The survival advantage persisted in Cox proportional hazard models after adjusting for morbidity factors (clinical performance status, stage of disease and baseline laboratory parameters) $p=0.0015$. Median survival for the entire refractory population was an impressive 8.2 months. Secondary endpoints of safety and tolerability remained very favorable, consistent with the entirety of clinical experience involving G17DT in this condition and other gastrointestinal cancer populations. “Publication of the latest PAS results confirms what we have known for some time, that there is great potential for PAS in multiple GI cancers beyond just pancreatic. In essence, any gastrin mediated neoplasia is a viable target for our technology” said Lynda Sutton, President of Cancer Advances.

Complete results for the study were recently published in the [Journal of Cancer Chemotherapy and Pharmacology](#) (Rocha-Lima et. al. 2014). Additional information on study CC6 can be found on clinicaltrials.gov Study #

Cancer
Advances is
DEDICATED
to enhancing
the immune system
and augmenting
human quality of life by
targeting the progression
of gastrointestinal cancers.

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NCT02118064. Publication of the study titled “A multicenter phase II study of G17DT immunogen plus irinotecan in pretreated metastatic colorectal cancer progressing on irinotecan” comes on the heels of a recent submission to FDA of Cancer Advance’s study in pancreatic cancer, PC6, a randomized, placebo-controlled Phase 3 study in 154 subjects with advanced metastatic pancreatic cancer and a Karnofsky Performance Status of 60% or greater. In this pancreatic cancer study, those treated with G17DT survived almost twice as long as those receiving placebo with a median survival of 150 days versus 84 days, (5.0 months vs. 2.8 months; $p=0.016$).

About Polyclonal Antibody Stimulator (PAS)

PAS, also referred to as G17DT, is a cancer immunotherapeutic agent that induces antibodies against the hormone, gastrin 17(G17), and its precursor, (gly)G17. In animal models and in human subjects, antibodies elicited by PAS inhibit the growth of human gastric, pancreatic, and colorectal cancer. PAS has been tested in multiple clinical trials and cleared for development in 17 North American and European countries. Twenty clinical studies of PAS for the treatment various GI tumors have been conducted to date in over 1500 patients. The safety profile, as assessed by adverse events (AEs) and laboratory parameters, is favorable with no indication of any significant safety concerns.

About Cancer Advances

Cancer Advances is a biotechnology company focused on impacting human health and suppressing the progression of gastrointestinal and other cancers by enhancing the adaptive immune system. The company is supported by the breadth and depth of expertise at CATO Research Ltd. and CATO BioVentures. Senior Management at Cancer Advances combines decades of experience in oncology and biological drug development. Cancer Advances has developed an intellectual property strategy that currently holds over 100 U.S. and worldwide patents and patent applications related to PAS. This broad intellectual property portfolio includes composition and use-protection for PAS.

About CATO Research

Founded in 1988 by Dr. Allen Cato and Lynda Sutton and headquartered near Research Triangle Park, North Carolina, Cato Research is a full-service global contract research and development organization providing strategic and tactical support for clients in the pharmaceutical, biotechnology, and medical device industries. Services range from design and management of preclinical and clinical studies to submission of regulatory documents required for marketing approval. With a staff of approximately 300 and offices located in the United States, Europe,

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Canada, Israel, India, and South Africa, Cato Research consistently demonstrates an unsurpassed level of responsiveness, flexibility, attention to detail, and passion for bringing their sponsors' products to market with speed and cost-effectiveness. For more information about Cato Research, visit www.Cato.com.

About CATO BioVentures

Cato BioVentures is the venture capital affiliate of Cato Research. For over 20 years, Cato BioVentures and Cato Research have partnered with entrepreneurs, academic institutions, and a broad base of biotechnology and pharmaceutical companies to advance a robust portfolio of successful product development programs. Through strategic CRO service agreements with Cato Research, Cato BioVentures has invested its CRO Service Capital® in innovative therapeutics, medical devices, and stem cell technologies that improve the pharmaceutical industry's research and development productivity. When strategic outsourcing for development, regulatory, and clinical support is a core component of a company's business plan, then Cato BioVenture's investment model can make a positive difference in the company's overall success. For more information about Cato BioVentures, call 919-361-2286 or visit www.CatoBioVentures.com.

Forward Looking Statements

This release contains certain forward-looking information based upon Cancer Advances' current plans, beliefs, expectations and projections. Cancer Advances is a privately-held company; any investment decision regarding Cancer Advances should rely only on the investor's own investigation into Cancer Advances, subject to the terms of the documents governing that investment. In particular, no future results of any clinical trials or regulatory approval are guaranteed.

Please visit our product page for more information on what is in development:

<http://www.canceradvancesinc.com/product.html>

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