

COTINGA PHARMACEUTICALS DOSES FIRST PATIENT IN THIRD COHORT OF PHASE 1B/2A COMBINATION TRIAL OF COTI-2 IN SOLID TUMORS

Toronto, ON and Boston, MA (June 27, 2019): Cotinga Pharmaceuticals Inc. (TSX Venture: COT) (“Cotinga” or the “Company”), a clinical-stage pharmaceutical company advancing a pipeline of targeted therapies for the treatment of cancer, announced today that the Company has commenced dosing patients in the third cohort of its ongoing Phase 1b/2a clinical trial of COTI-2 plus cisplatin in solid tumors. The objective of the third cohort is to continue to evaluate the safety and tolerability of COTI-2 in combination with standard-of-care cisplatin.

“We are excited to initiate patient dosing in the third cohort, with the new dosage level of 1.7 mg/kg, an increase from the 1.0 mg/kg level of cohort 2”, said Alison Silva, Cotinga’s President & CEO. “We continue to be encouraged by the enthusiasm of our investigators who have been working diligently to screen and enroll patients for this and upcoming cohorts. The patients in our ongoing Phase 1b/2a trial are suffering from a wide spectrum of cancers with little to no therapeutic options, and we are hopeful that combining existing chemotherapy regimens with COTI-2 could be a potential treatment as we have demonstrated and published in a number of preclinical studies. We remain committed to advancing the clinical development of COTI-2, and we will continue to provide key updates as the trial progresses.”

Phase 1b/2a Trial of COTI-2

The ongoing trial of COTI-2 will focus on evaluating COTI-2 as a combination therapy for the potential treatment of a wider range of cancers. In 2017, the Company announced top-line data from the gynecological malignancies arm of the trial demonstrating monotherapy with COTI-2 was generally safe and well-tolerated. Monotherapy with COTI-2 also exhibited an encouraging pharmacokinetic/pharmacodynamic profile and signals of efficacy.

The current protocol amendment being implemented by the Company in May 2018 expands the ongoing trial to evaluate COTI-2 in combination with various standard-of-care chemotherapy regimens in a wide spectrum of cancers.

This protocol amendment evaluates COTI-2 combined with standard-of-care cisplatin in up to 30 patients with any of the following malignancies: ovarian, fallopian tube, primary peritoneal, endometrial, cervical, lung, pancreatic or colorectal cancer, or head and neck squamous cell carcinoma. Patients in this dose finding study will be given a 60 mg/m² IV dose of cisplatin every three weeks in combination with an oral dose of COTI-2 five days per week. Up to five COTI-2 dose levels will be evaluated ranging from 0.5 mg/kg to 3.5 mg/kg and patient assessments will occur every six weeks. Primary outcome measures will evaluate safety and tolerability and determine the maximum tolerated dose and recommended Phase 2 dose for COTI-2 as a combination therapy. Secondary and exploratory outcome measures will evaluate pharmacokinetics and various signals of efficacy. Additional details on the protocol amendment are available on clinicaltrials.gov.

About Cotinga Pharmaceuticals Inc.

Cotinga Pharmaceuticals is a clinical-stage pharmaceutical company that uses proprietary artificial intelligence technologies to pursue a targeted and transformational approach to treating cancer and other unmet medical needs. Cotinga's CHEMSAS® technology is intended to accelerate the discovery and development of novel drug therapies, allowing the Company to build a pipeline of potential drug candidates faster and with a higher probability of success than traditional methods.

The Company's lead compound, COTI-2, has a novel p53-dependent mechanism of action with selective and potent anti-cancer activity. P53 mutations occur in over 50% of all cancers. COTI-2 is initially being evaluated in combination with various standard-of-care chemotherapy regimens for the treatment of a wide spectrum of cancers in a Phase 1b/2a clinical trial at the MD Anderson Cancer Center at the University of Texas. The Company has secured orphan drug status in the United States for COTI - 2 for the treatment of ovarian cancer. Preclinical data suggests that COTI-2 could dramatically improve the treatment of cancers with mutations in the p53 gene.

The Company's second lead compound, COTI-219, is a novel oral small molecule compound targeting the mutant forms of KRAS without inhibiting normal KRAS function. KRAS mutations occur in up to 30% of all cancers and represent a tremendous unmet clinical need and a desirable drug target. COTI-219 is undergoing IND-enabling studies to support a regulatory submission.

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