



ESSA PHARMA ANNOUNCES ABSTRACT PRESENTATION ON EPI-506 AT THE EUROPEAN SOCIETY FOR MEDICAL ONCOLOGY 2017 CONGRESS

Houston, TX and Vancouver, Canada, September 7, 2017 – ESSA Pharma Inc. (TSX: EPI; NASDAQ: EPIX) (“ESSA” or the “Company”), a clinical-stage pharmaceutical company focused on the development of novel small molecule drugs for the treatment of prostate cancer, today announced an abstract entitled “*EPI-506 (ralaniten acetate), a novel androgen receptor (AR) N-terminal domain (NTD) inhibitor, in men with metastatic castration-resistant prostate cancer (mCRPC): Phase 1 update on safety, tolerability, pharmacokinetics and efficacy*” has been selected for a poster presentation at the upcoming 2017 European Society for Medical Oncology (ESMO) Congress being held on September 8 to 12, 2017 in Madrid, Spain. The annual ESMO meeting is focused on bringing researchers and clinicians together for the exchange of ideas and knowledge to deepen their understanding of the molecular biology underlying the development of cancer.

Prostate cancer specialist, Ulka Vaishampayan, M.D., Karmanos Cancer Institute, Wayne State University, Detroit, MI will present the abstract on Sunday, September 10, 2017 as follows:

Presenter: Dr. Ulka Vaishampayan, Karmanos Cancer Institute, Detroit, MI
Session Title: Genitourinary tumours, prostate
Poster Board: #794P
Date/Time: Sunday September 10, 2017 between 1:15pm – 2:15pm CEST
Location: Hall 8, IFEMA, Feria de Madrid

About Prostate Cancer

Prostate cancer is the second-most commonly diagnosed cancer among men and the fifth most common cause of male cancer death worldwide (Globocan, 2012). Adenocarcinoma of the prostate is dependent on androgen for tumor progression and depleting or blocking androgen action has been a mainstay of hormonal treatment for over six decades. Although tumors are often initially sensitive to medical or surgical therapies that decrease levels of testosterone, disease progression despite castrate levels of testosterone generally represents a transition to the lethal variant of the disease, mCRPC, and most patients ultimately succumb to the illness. The treatment of mCRPC patients has evolved rapidly over the past five years. Despite these advances, additional treatment options are needed to improve clinical outcomes in patients, particularly those who fail existing treatments including abiraterone or enzalutamide, or those who have contraindications to receive those drugs. Over time, patients with mCRPC generally experience continued disease progression, worsening pain, leading to substantial morbidity and limited survival rates. In both in vitro and in vivo animal studies, ESSA's novel approach to blocking the androgen pathway has been shown to be effective in blocking tumor growth when current therapies are no longer effective.

About ESSA Pharma Inc.

ESSA is a clinical-stage pharmaceutical company focused on developing novel and proprietary therapies for the treatment of CRPC in patients whose disease is progressing despite treatment with current therapies. ESSA believes that its product candidate, EPI-506, can significantly expand the interval of time in which patients suffering from CRPC can benefit from hormone-based therapies. Specifically, EPI-506 acts by disrupting the AR signaling pathway that drives prostate cancer growth. EPI-002, the primary metabolite of EPI-506, prevents AR transcriptional activity by binding selectively to the NTD” of the AR. A



functional NTD is essential for transactivation of the AR. In preclinical studies, blocking the NTD has demonstrated the capability to overcome the known AR-dependent mechanisms of CRPC. ESSA was founded in 2009.

Forward-Looking Statement Disclaimer

This release contains certain information which, as presented, constitutes "forward-looking information" within the meaning of the Private Securities Litigation Reform Act of 1995 and/or applicable Canadian securities laws. Forward-looking information involves statements that relate to future events and often addresses expected future business and financial performance, containing words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions and includes, but is not limited to, statements about the Company's Phase 1 clinical trial, including data and results thereof, and the Company's planned announcement of such data and results; expectations regarding the initiation of the Phase 2 dose expansion study, including statements about the dose levels and expected timing thereof; and the implementation of the Company's business model and strategic plans.

Forward-looking statements and information are subject to various known and unknown risks and uncertainties, many of which are beyond the ability of ESSA to control or predict, and which may cause ESSA's actual results, performance or achievements to be materially different from those expressed or implied thereby. Such statements reflect ESSA's current views with respect to future events, are subject to risks and uncertainties and are necessarily based upon a number of estimates and assumptions that, while considered reasonable by ESSA as of the date of such statements, are inherently subject to significant medical, scientific, business, economic, competitive, political and social uncertainties and contingencies. In making forward looking statements, ESSA may make various material assumptions, including but not limited to (i) the accuracy of ESSA's financial projections; (ii) the Phase 1 portion of the Phase 1/2 clinical trial proceeding as expected; (iii) obtaining positive results of clinical trials; (iv) obtaining necessary regulatory approvals; and (v) general business, market and economic conditions.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein and in ESSA's Annual Report on Form 20-F dated December 14, 2016 under the heading "Risk Factors", a copy of which is available on ESSA's profile at the SEDAR website at www.sedar.com, ESSA's profile on EDGAR at www.sec.gov, and as otherwise disclosed from time to time on ESSA's SEDAR profile. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made and ESSA undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, except as may be required by applicable Canadian and United States securities laws. Readers are cautioned against attributing undue certainty to forward-looking statements.

Contact Information:

Peter A. Virsik
Chief Operating Officer
Tel: (832) 831-5958

David S. Wood
Chief Financial Officer
Tel: (778) 331-0962