ESSA Pharma Provides Corporate Update and Reports Financial Results for Fiscal Third Quarter Ended June 30, 2018

Houston, Texas and Vancouver, Canada, August 14, 2018 - ESSA Pharma Inc. ("ESSA" or the "Company") (TSX-V: EPI, NASDAQ: EPIX), a pharmaceutical company focused on developing novel therapies for the treatment of prostate cancer, today provided a corporate update and reported financial results for the fiscal third quarter ended June 30, 2018. All references to "$" in this release refer to United States dollars, unless otherwise indicated.

"We continue to achieve significant progress in advancing our Next-Generation Aniten program," said President and CEO, David R. Parkinson. "Since expanding our chemistry and biology initiatives at the beginning of this year, we have developed next-generation compounds which demonstrate meaningful enhancements in both potency and stability. We are currently in the final stages of identifying a lead compound and intend to provide additional updates shortly regarding the profile of the selected clinical candidate. Our objective is to identify the best possible lead compound and submit an Investigational New Drug application as soon as possible thereafter."

Corporate Update

- Achieved significant progress in advancing the Company's Next-Generation Aniten program toward identifying a lead clinical product candidate and submitting an Investigational New Drug Application to the U.S. Food and Drug Administration
    - Generated compounds with significant improvements in both potency and stability as compared to first-generation aniten N-terminal domain inhibitor compound, EPI-506.
- Relocated to a new office in Houston, Texas and opened a research and development site in South San Francisco. Hired senior professionals in the areas of preclinical drug development.

Summary Financial Results

Effective April 25, 2018, the Company consolidated its issued and outstanding common shares on the basis of one post-consolidation share for every 20 pre-consolidation shares. The consolidation applied to all ESSA common shares, prepaid warrants, and other securities convertible into or exercisable for common shares. Unless otherwise stated, all ESSA common share and per share amounts have been restated retrospectively to reflect this share consolidation.

- **Net Income (Loss)**. ESSA recorded a net loss of $2.9 million ($0.50 loss per common share based on 5,776,098 weighted average common shares outstanding) for the quarter ended June 30, 2018, compared to net income of $3.6 million ($2.47 earnings per common share based on 1,454,960 weighted average common shares outstanding) for the quarter ended June 30, 2017, which included a gain on derivative liability of $8.2 million.

- **Research and Development ("R&D") expenditures.** R&D expenditures for the quarter ended June 30, 2018, were $1.0 million, as compared to $2.9 million for the quarter ended June 30, 2017. For the quarter ended June 30, 2018, decreases in R&D expenditures were primarily related to decreases in manufacturing and clinical trial costs as the Company had concluded its Phase I clinical study of EPI-506 in September 2017, compared to the quarter ended June 30, 2017, during which ESSA was conducting the EPI-506 clinical trial and incurring associated development costs. The EPI-506 clinical trial commenced in November 2015.

- **General and administration ("G&A") expenditures.** G&A expenditures for the quarter ended June 30, 2018, were $1.6 million, compared to $1.3 million for the quarter ended June 30, 2017. This increase primarily reflected increased corporate activity, such as the filing of the base shelf prospectus, as well as compensation expenses and increased share-based payments reflecting the vesting of stock options in the quarter.

Liquidity and Outstanding Share Capital

Cash on hand at June 30, 2018, was $18.1 million, with working capital of $14.8 million, reflecting the aggregate gross proceeds of the completed January 2018 financing, which totaled $26 million.

As of June 30, 2018, the Company had 5,776,098 common shares issued and outstanding, and 2,189,000 common shares issuable on the exercise of prepaid warrants at a nominal exercise price of $0.002 per common share. If all prepaid warrants are exercised, there would be approximately 7,965,098 ESSA common shares outstanding.

In addition, there were 474,937 common shares issuable upon the exercise of warrants and broker warrants at a weighted-average exercise price of $34.35 per ESSA common share and 935,461 ESSA common shares issuable upon the exercise of outstanding stock options at a weighted-average exercise price of $5.24 per common share.

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About ESSA Pharma Inc.

ESSA is a pharmaceutical company focused on developing novel and proprietary therapies for the treatment of castration-resistant prostate cancer ("CRPC") in patients whose disease is progressing despite treatment with current therapies. ESSA believes that its proprietary compounds can significantly expand the interval of time in which patients suffering from CRPC can benefit from hormone-based therapies, by disrupting the androgen receptor ("AR") signaling pathway that drives prostate cancer growth and by preventing AR transcriptional activity by binding selectively to the N-terminal domain ("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.

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, metastatic CPRC ("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.

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", 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 regarding the acceleration of ESSA's next-generation NTD-inhibitor aniten compounds and timing of nomination of the next-generation compound and the anticipated timing of the IND filing for the aniten program.

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) obtaining positive results of clinical trials; (iii) obtaining necessary regulatory approvals; and (iv) general business, market and economic conditions.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out hereinand in ESSA's Annual Report on Form 20-F dated December 11, 2017 under the heading "Risk Factors", a copy of which is available on ESSA's profile on 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.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

ESSA PHARMA INC.
CONSOLIDATED STATEMENTS OF FINANCIAL POSITION
(Unaudited)
Amounts in thousands of United States dollars

	June 30, 2018	September 30, 2017
Cash	$ 18,062	$ 3,957
Prepaid and other assets	450	1,650
Total assets	$ 18,512	$ 5,607
Current liabilities	3,439	3,777
Long-term debt	4,094	5,933
Derivative liability	40	171
Shareholders' deficiency	10,939	(4,274)
Total liabilities and shareholders' deficiency	$ 18,512	$ 5,607

ESSA PHARMA INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)

Amounts in thousands of United States dollars, except share and per share data

	Three months ended June 30, 2018	Three months ended June 30, 2017
OPERATING EXPENSES		
Research and development	$ 988	$ 2,920
Financing costs	223	250
General and administration	1,579	1,302
Total operating expenses	(2,790)	(4,472)
Gain (loss) on derivative liability	32	8,192
Other items	(122)	(128)
Net income (loss) for the period	$ (2,880)	$ 3,592
Basic earnings (loss) per common share	$ (0.50)	$ 2.47
Diluted earnings (loss) per common share	$ (0.50)	$ 2.32
Weighted average number of common shares outstanding		
Basic	5,776,098	1,454,960
Diluted	5,776,098	1,549,657