June 12, 2017

OncoSec Announces Technology Access Program Agreement with Jounce Therapeutics, Inc.

SAN DIEGO, June 12, 2017 /PRNewswire/ -- OncoSec Medical Incorporated ("OncoSec") (NASDAQ:ONCS), a company developing DNA-based intratumoral cancer immunotherapies, today announced that they have engaged in a preclinical agreement through the OncoSec Technology Access Program (TAP) with Jounce Therapeutics, Inc., (NASDAQ:JNCE) Cambridge, MA, a company focused on the discovery and development of novel cancer immunotherapies and predictive biomarkers for patient enrichment.

Under the agreement, Jounce can utilize OncoSec's gene delivery technology to evaluate*in vivo* efficacy in murine models of intratumorally-delivered therapeutic candidates. The agreement includes the GENESIS™ research generator and proprietary applicators developed for research use.

"We are excited to provide a preclinical delivery solution to Jounce for early-stage research purposes and expand the data set from our delivery technologies through our Technology Access Program," said Punit Dhillon, CEO and President of OncoSec. "Through the establishment of these programs, OncoSec benefits from extensive, multi-party characterization and validation of our proprietary, state-of-the art electroporation technologies. We are pleased to be working with Jounce to help advance their preclinical programs with these technologies."

"OncoSec has developed a unique delivery technology that will enable us to rapidly assess potential candidates in preclinical models," said Debbie Law, Jounce's Chief Scientific Officer. "We are delighted to be working with OncoSec and leveraging their technology to help us evaluate our preclinical immunotherapy programs."

About OncoSec Research Technologies and Technology Access Program:

The OncoSec GENESIS™ research generator was developed specifically for gene electro-transfer. It features customizable electroporation parameters for construct-specific optimization of expression, and it is the only *in vivo* electroporation device enabled with TRACE™ Technology (Tissue-Based, Real-Time Adaptive Control Electroporation.)

TRACE™ technology incorporates an electrochemical tissue-sensing control system to automatically adjust pulse width and treatment duration in real time during the electroporation procedure. This feature enables tissue- and therapeutic-specific delivery optimization, maximizing uptake of the therapeutic while reducing unnecessary cell ablation or damage. In research models, GENESIS™ with TRACE™ has yielded higher and more consistent *in vivo* protein expression versus fixed-parameter electroporation, even in heterogeneous tissues.

Potential advantages of GENESIS™ with TRACE™ for use in murine models include robust and conformationally-native *in vivo* expression of difficult proteins, including GPCRs and receptors that function in multimeric form. Moreover, the consistent results obtained with these technologies in heterogeneous tissues support reliable intratumoral delivery of a wide variety of DNA-encodable therapeutics across multiple syngeneic, xenograft, and PDX models. Using these technologies, OncoSec has expressed more than fifty proteins *in vivo*, including multimers and structurally-complex fusion proteins, and no protein tested to date has failed to successfully express.

The OncoSec Technology Access Program makes OncoSec's electroporation technologies available to collaborators for preclinical research. Devices are available for intratumoral, intradermal, and intramuscular delivery. For more information, please contact bd@oncosec.com.

For SEC reporting purposes, the agreement between OncoSec and Jounce is non-material.

About OncoSec Medical Incorporated:

OncoSec is a biotechnology company developing DNA-based intratumoral immunotherapies with an investigational technology, ImmunoPulse®, for the treatment of cancer. ImmunoPulse® is designed to enhance the local delivery and uptake of DNA-based immune-targeting agents, such as IL-12. In Phase I and II clinical trials, ImmunoPulse® IL-12 has demonstrated a favorable safety profile and evidence of anti-tumor activity in the treatment of various solid tumors as well as the potential to initiate a systemic immune response. OncoSec's lead program, ImmunoPulse® IL-12, is currently in clinical development for several indications, including metastatic melanoma, and triple-negative breast cancer. The program's current focus is on the significant unmet medical need in patients with melanoma who are refractory or non-responsive to anti-PD-1/PD-L1 therapies. In addition to ImmunoPulse® IL-12, the Company is also identifying and developing new immune-targeting agents for use with the ImmunoPulse® platform. For more information, please visit www.oncosec.com.

About Jounce Therapeutics, Inc.:

Jounce Therapeutics, Inc. is a clinical stage immunotherapy company dedicated to transforming the treatment of cancer by developing therapies that enable the immune system to attack tumors and provide long-lasting benefits to patients. Through the use of its Translational Science Platform, Jounce first focuses on specific cell types within tumors to prioritize targets, and then identifies related biomarkers designed to match the right therapy to the right patient. Jounce's lead product candidate, JTX-2011, is a monoclonal antibody that binds to and activates ICOS and is currently in a Phase 1/2 trial. For more information, please visit http://jouncetx.com/.

OncoSec Medical Incorporated Forward Looking Statements

To the extent statements contained in this press release are not descriptions of historical facts regarding OncoSec Medical Incorporated, they may be considered forward looking statements, as described in the Private Securities Litigation Reform Act of 1995, reflecting management's current beliefs and expectations. Forward looking statements speak only as of the date they are made, and they are subject to known and unknown risks, uncertainties,

and other factors that may cause our or our industry's actual results, levels of activity, performance or achievements to be materially different from those anticipated by such statements. You can identify forward-looking statements by words such as "aim," "anticipate," "believe," "can," "could," "estimate," "expect," "focus," "forecast," "intend," "may," "plan," "potential," "predict," "project," "should," "will," "would," or the negative of those terms, and similar expressions that convey uncertainty of future events or outcomes. Forward looking statements contained in this press release include, but are not limited to, statements regarding: (i) the success and timing of our product development activities and clinical trials; (ii) our ability to develop and commercialize our product candidates; (iii) our plans to research, discover, evaluate and develop additional potential product, technology and business candidates and opportunities; (iv) our and our partners' ability to develop, manufacture and commercialize our product candidates and to improve the manufacturing process; (v) the size and growth potential of the markets for our product candidates, and our ability to serve those markets; (vi) the rate and degree of acceptance of our product candidates; (vii) our ability to attract and retain key scientific or management personnel; (viii) the anticipated timing of clinical data availability; (ix) the anticipated timing of commercial launch of ImmunoPulse® IL-12; (x) our ability to meet our milestones; (xi) our expectations regarding our ability to obtain and maintain intellectual property protection; (xii) the level of our corporate expenditures; (xiii) the assessment of our technology by potential corporate partners; and, (xiv) the impact of capital market conditions on our Company. Undue reliance should not be placed on forward looking statements. Such statements are subject to factors, risks and uncertainties, such as those described in our periodic filings with the Securities and Exchange Commission, including without limitation our Quarterly Reports on Form 10-Q, our annual reports on Form 10-K and other filings. Various factors may cause actual results to differ materially from those expressed or implied by such forward looking statements. We undertake no obligation to publicly update any forward-looking statements. OncoSec's investigational drug and device products have not been approved or cleared by the FDA.

CONTACT:

Investor Relations
OncoSec Medical Incorporated
855-662-6732
investors@oncosec.com

Media Relations
OncoSec Medical Incorporated
855-662-6732
media@oncosec.com

ONCOSEC™

To view the original version on PR Newswire, visit:http://www.prnewswire.com/news-releases/oncosec-announces-technology-access-program-agreement-with-jounce-therapeutics-inc-300472140.html

SOURCE OncoSec Medical Incorporated