

November 13, 2018



OncoSec To Present Data in Late-Stage Triple Negative Breast Cancer (TNBC) at the 2018 San Antonio Breast Cancer Symposium®

Final Data from Clinical Trial of TAVO™ as a Monotherapy in Late-Stage TNBC

Initial Project Overview for KEYNOTE-890, a Phase 2 Clinical Trial of TAVO™ in Combination with KEYTRUDA® (pembrolizumab) will be provided

SAN DIEGO and PENNINGTON, N.J., Nov. 13, 2018 /PRNewswire/ -- OncoSec Medical Inc., (OncoSec) (NASDAQ:ONCS), a company developing intratumoral cancer immunotherapies, today announced that TAVO™ will be featured in two poster sessions during the 2018 San Antonio Breast Cancer Symposium (SABCS) taking place December 4-8 in San Antonio, Texas. Posters include data on TAVO™ as a monotherapy and an initial project overview for KEYNOTE-890, a Phase 2 clinical trial in combination with Merck's KEYTRUDA® (pembrolizumab) for the treatment of late stage triple negative breast cancer (TNBC).

"We are encouraged with the preliminary clinical observations we are seeing thus far, both in a monotherapy setting and in combination with checkpoint inhibitors," said Daniel J. O'Connor, President and Chief Executive Officer of OncoSec. "Based on this, we are excited to continue on the path toward developing novel treatment options for this large unmet medical need,"

Details on the poster presentations are as follows:

Presentation Title: Intratumoral tavokinogene telseplasmid and electroporation in pre-treated inoperable locally advanced or recurrent triple-negative breast cancer

Session Date & Time: Thursday, December 6, 7:00 – 9:00 a.m. CT (8:00 – 10:00 a.m. ET)

Session Title: Poster Session 2: Treatment: Immunotherapy (clinical)

Location: Hall 1, Henry B. Gonzalez Convention Center

Presentation Title: A phase 2 study of intratumoral tavokinogene telseplasmid (tavo) plus electroporation with pembrolizumab in patients with inoperable locally advanced or metastatic triple negative breast cancer

Session Date & Time: Thursday, December 6, 5:00 – 7:00 p.m. CT (6:00 – 8:00 p.m. ET)

Session Title: Ongoing Clinical Trials: Immunotherapy

Location: Hall 1, Henry B. Gonzalez Convention Center

The abstracts for these presentations are now available online on the SABCS website at <https://www.sabcs.org>.

About OncoSec Medical Inc.

OncoSec is a clinical-stage biotechnology company focused on developing cytokine-based intratumoral immunotherapies to stimulate the body's immune system to target and attack cancer. OncoSec's lead immunotherapy platform – TAVO™ (tavokinogene telseplasmid) – enables the intratumoral delivery of DNA-based interleukin-12 (IL-12), a naturally occurring protein with immune-stimulating functions. The technology, which employs electroporation, is designed to produce a controlled, localized expression of IL-12 in the tumor microenvironment, enabling the immune system to target and attack tumors throughout the body. OncoSec has built a deep and diverse clinical pipeline utilizing TAVO™ as a potential treatment for multiple cancer indications either as a monotherapy or in combination with leading checkpoint inhibitors; with the latter potentially enabling OncoSec to address a great unmet medical need in oncology: anti-PD-1 non-responders. Results from recently completed clinical studies of TAVO™ have demonstrated a local immune response, and subsequently, a systemic effect as either a monotherapy or combination treatment approach. In addition to TAVO™, OncoSec is identifying and developing new DNA-encoded therapeutic candidates for use with its ImmunoPulse® platform. For more information, please visit www.oncosec.com.

KEYTRUDA® is a registered trademark of Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc.

CONTACT

Investor Relations:

Will O'Connor

Stern Investor Relations

Phone: (212) 362-1200

will@sternir.com

Media Relations:

David Schemelia / Jason Rando

Tiberend Strategic Advisors, Inc.

Phone: 212-827-0020

dschemelia@tiberend.com

jrando@tiberend.com



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