



October 13, 2016

## **OncoGenex Announces Results from the Phase 3 ENSPIRIT Trial of Custirsen in Non-Small Cell Lung Cancer**

*Company to Host Conference Call Today, Thursday, October 13, 2016 at 8:00 a.m. EDT*

BOTHELL, Wash. and VANCOUVER, British Columbia, Oct. 13, 2016 /PRNewswire/ -- OncoGenex Pharmaceuticals, Inc. (NASDAQ: OGXI) announced today results from the final analysis of the Phase 3 ENSPIRIT trial of custirsen in patients whose non-small cell lung cancer (NSCLC) has progressed following initial treatments. The trial did not meet the primary endpoint of demonstrating a statistically significant improvement in overall survival for patients treated with custirsen in combination with docetaxel compared to docetaxel alone. The median overall survival for the custirsen arm was 9.0 months versus 7.9 months for the control arm with a hazard ratio of 0.915 (one-sided  $p=0.178$ ). Safety results were consistent with those observed in previous trials of custirsen in combination with chemotherapy.

"Following the negative results of previous custirsen trials, an early final analysis of the ENSPIRIT trial was conducted in an effort to conserve capital and extend our cash runway," said Scott Cormack, President and CEO of OncoGenex. "We will continue to take appropriate steps to realize the most value for our shareholders once we receive the results of our apatonsen Phase 2 Borealis-2 bladder cancer trial which are expected by the end of October."

OncoGenex is continuing to work with MTS Health Partners who has been advising the company in the exploration of strategic alternatives since mid-August.

"OncoGenex is grateful to the patients who participated in the ENSPIRIT trial and their families for their support, as well as our investigators and our employees for their commitment to improving cancer care for those who need it most," Cormack continued.

### **Conference Call Details**

OncoGenex will host a conference call at 8:00 a.m. Eastern Time today, Thursday, October 13, 2016, to discuss today's news. A live event will be available on the Investor Relations section of the OncoGenex website at [www.OncoGenex.com](http://www.OncoGenex.com). Alternatively, visitors may access the live conference call by dialing (877) 606-1416 (U.S. & Canada) or (707) 287-9313 (International). A webcast replay will be available approximately two hours after the call and will be archived on [www.OncoGenex.com](http://www.OncoGenex.com) for 90 days.

### **About the Phase 3 ENSPIRIT Trial**

The Phase 3 ENSPIRIT trial is an international, randomized, open-label trial designed to evaluate custirsen for the treatment of advanced or metastatic NSCLC in patients who have progressed after initial chemotherapy treatment. The trial investigated if combining custirsen with docetaxel, a standard second-line NSCLC chemotherapy, has the potential to improve survival outcomes compared to docetaxel alone in these patients. The trial enrolled 664 patients at approximately 50 sites globally.

For more information on the ENSPIRIT trial, please visit <http://clinicaltrials.gov/ct2/show/NCT01630733>.

### **About the Borealis-2 Trial**

Borealis-2 is an investigator-sponsored, randomized Phase 2 trial evaluating a survival benefit with apatonsen in combination with docetaxel treatment compared to docetaxel treatment alone in approximately 200 patients with metastatic bladder cancer who have disease progression following first-line platinum-based chemotherapy. The trial is being coordinated by the Hoosier Cancer Research Network at 27 sites across the United States.

### **About OncoGenex**

OncoGenex is a biopharmaceutical company committed to the development and commercialization of new therapies that address treatment resistance in cancer patients. OncoGenex has a diverse oncology pipeline, with each product candidate having a distinct mechanism of action and representing a unique opportunity for cancer drug development. Apatonsen is in Phase 2 clinical development and OGX-225 is currently in pre-clinical development. More information is available at [www.OncoGenex.com](http://www.OncoGenex.com) and at the company's Twitter account: [https://twitter.com/OncoGenex\\_IR](https://twitter.com/OncoGenex_IR).

### **OncoGenex' Forward Looking Statements**

This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private

Securities Litigation Reform Act of 1995, including, but not limited to, statements regarding the potential benefits and development of our product candidates and business strategies. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. These statements are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those described in the forward-looking statements. Such risks and uncertainties include, among others, the risk that our product candidates do not demonstrate the hypothesized or expected benefits, the risk that we cannot achieve our business strategies including the completion of strategic transactions, the risk that new developments in the rapidly evolving cancer therapy landscape require changes in our clinical trial plans or limit the potential benefits of our products and the other factors described in our risk factors set forth in our filings with the Securities and Exchange Commission from time to time, including the Company's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. The Company undertakes no obligation to update the forward-looking statements contained herein or to reflect events or circumstances occurring after the date hereof, other than as may be required by applicable law.

To view the original version on PR Newswire, visit:<http://www.prnewswire.com/news-releases/oncogenex-announces-results-from-the-phase-3-enspirit-trial-of-custirsen-in-non-small-cell-lung-cancer-300343975.html>

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