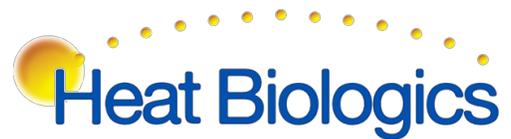


November 17, 2016



Heat Biologics to Present Topline HS-110/Nivolumab Combination Phase Ib Lung Cancer Results at the International Society for the Study of Lung Cancer Annual Meeting

DURHAM, N.C., Nov. 17, 2016 (GLOBE NEWSWIRE) -- [Heat Biologics, Inc.](#) (Nasdaq:HTBX), a leader in the development of gp96-based immunotherapies that are designed to activate a patient's immune system to fight cancer, announced that it will be reporting topline results from the Phase Ib study evaluating HS-110, in combination with Bristol-Myers Squibb's anti-PD-1 checkpoint inhibitor, nivolumab (Opdivo®), for the treatment of non-small cell lung cancer (NSCLC), in a Mini Oral Session, at the International Society for the Study of Lung Cancer Annual Meeting, in Vienna, Austria, on December 6th. The presenter will be study principal investigator, Daniel Morgensztern, MD, Associate Professor of Medicine and Director of Thoracic Oncology, Washington University School of Medicine.

Presentation Details:

Title: Viagenpumatulcel-L Bolsters Response to Nivolumab Therapy in Advanced Lung Adenocarcinoma: Preliminary Data from the DURGA Trial

Presentation Type/Title: Mini Oral Session (MA09): Immunotherapy Combinations

Date/Time: December 6, 2016, 8:56 AM EST (14:56 CET)

Presentation Number: MA09.06

The abstract can be viewed under "MA09 - Immunotherapy Combinations," abstract number MA09.06 at: http://library.iaslc.org/virtual-library-search?product_id=6&author=&category=&date=2016-12-06&session_type=Mini+Oral+Session&session=&presentation=&keyword

About Heat Biologics, Inc.

Heat Biologics, Inc. (Nasdaq:HTBX) is an immuno-oncology company developing novel therapies that are designed to activate a patient's immune system against cancer utilizing an engineered form of gp96, a protein that activates the immune system when cells die. Heat's highly specific T cell-stimulating therapeutic vaccine platform technologies, *ImPACT* and *ComPACT*, form the basis of its product candidates. These platforms, in combination with other therapies, such as checkpoint inhibitors, are designed to address three distinct but

synergistic mechanisms of action: robust activation of CD8+ “killer” T cells (one of the human immune system’s most potent weapons against cancer); reversal of tumor-induced immune suppression; and T cell co-stimulation to further enhance patients’ immune response. Currently, Heat is conducting a Phase 2 trial with its HS-410 (vesigenurtacel-L) in patients with non-muscle invasive bladder cancer (NMIBC) and a Phase 1b trial with its HS-110 (viagenpumacel-L) in combination with an anti-PD-1 checkpoint inhibitor to treat patients with non-small cell lung cancer (NSCLC).

Heat’s wholly-owned subsidiary, Zolovax, Inc., is developing therapeutic and preventative vaccines to treat infectious diseases based on Heat’s gp96 vaccine technology, with a current focus on the development of a Zika vaccine in conjunction with the University of Miami. The Zolovax patent portfolio also includes gp96 vaccines targeting West Nile virus, Dengue and yellow fever among others.

For more information, please visit www.heatbio.com.

Forward Looking Statements

This press release includes forward-looking statements on our current expectations and projections about future events. In some cases, forward-looking statements can be identified by terminology such as "may," "should," "potential," "continue," "expects," "anticipates," "intends," "plans," "believes," "estimates," and similar expressions. These statements are based upon current beliefs, expectations and assumptions and include statements regarding the potential of Heat’s *ImPACT* and *ComPACT* therapies. These statements are subject to a number of risks and uncertainties, many of which are difficult to predict, including the ability of Heat's *ImPACT* and *ComPACT* therapies to perform as designed, the ability to enroll patients and complete the clinical trials on time, the other factors described in our annual report on Form 10-K for the year ended December 31, 2015 and our other filings with the SEC. The information in this release is provided only as of the date of this release, and we undertake no obligation to update any forward-looking statements contained in this release based on new information, future events, or otherwise, except as required by law.

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Source: Heat Biologics