April 12, 2016

Heat Biologics to Present at the American Association for Cancer Research (AACR) Annual Meeting

DURHAM, N.C., April 12, 2016 (GLOBE NEWSWIRE) -- Heat Biologics, Inc. ("Heat") (Nasdaq:HTBX), an immuno-oncology company developing novel therapies that activate a patient's immune system against cancer, announced three poster presentations at the AACR Annual Meeting, including initial preclinical results from Heat's collaboration with OncoSec Medical Incorporated, a biotechnology company developing DNA-based intra-tumoral cancer immunotherapies. The AACR Annual Meeting is being held on April 16-20, 2016 in New Orleans, LA.

The details for the poster presentations at the AACR Annual Meeting are as follows:

Title: *In vivo* intra-tumoral electroporation of Gp96-Ig/Fc-OX40L stimulates CD8+ T cell cross-priming to tumor specific neoantigens
Date and Time: April 17, 2016 at 1:00 p.m. – 5:00 p.m. CT
Location: Section 26
Session Title: Immune Modulating Agents 1
Abstract ID: 567

Title: Vesigenurtacel-L stimulates tumor infiltration of unique polyclonal T cell clones in non-muscle invasive bladder cancer patients
Date and Time: April 18, 2016 at 8:00 a.m. – 12:00 p.m. CT
Location: Section 22
Session Title: Immune Response Monitoring: Clinical
Abstract ID: 1405

Title: Combination immunotherapy: T cell costimulation (OX40L, TL1A, 4-1BBL and ICOSL) secreted locally by Gp96-Ig vaccines, elicits robust antigen-specific, memory T cell responses and tumor elimination
Date and Time: April 18, 2016 at 1:00 – 5:00 p.m. CT
Location: Section 27
Session Title: Therapeutic Antibodies and Vaccines
Abstract ID: 2353

Copies of the abstracts are available and can be viewed online through the AACR website at www.aacr.org. Posters will be uploaded to thePublications section of Heat's corporate website upon completion of the sessions to abide by the conference's embargo policy.

About Heat Biologics, Inc.
Heat Biologics, Inc. (Nasdaq:HTBX) is an immuno-oncology company developing novel therapies that activate a patient's immune system against cancer. Heat's highly specific T

cell-stimulating 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 (viagenpumatucel-L) in combination with an anti-PD-1 checkpoint inhibitor to treat patients with non-small cell lung cancer (NSCLC). 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