



March 4, 2014

Peregrine Pharmaceuticals PS-Targeting Immunotherapy Platform to Be Highlighted in Three Data Presentations at Keystone Symposia Conferences

Data to Highlight the Mechanism of Action and Therapeutic Effects of the Company's PS-Targeting Antibodies in Oncology and Anti-Viral Indications

TUSTIN, CA -- (Marketwired) -- 03/04/14 -- Peregrine Pharmaceuticals, Inc. (NASDAQ: PPHM) (NASDAQ: PPHMP) today announced the presentation of data from three preclinical studies highlighting the immuno-oncology and anti-viral potential of phosphatidylserine (PS)-targeting antibodies at two upcoming Keystone Symposia to be held March 9-13, 2014. Bavituximab, the company's lead immunotherapy candidate, is advancing in a Phase III SUNRISE trial for the treatment of second-line non-small cell lung cancer.

PRESENTATION DETAILS:

CONFERENCE: IMMUNE EVOLUTION IN CANCER

Plenary Talk: Phosphatidylserine-Targeting Antibodies Induce M1 Macrophage Polarization, Promote Myeloid Derived Suppressor Cell Differentiation and Boost Tumor-Specific Immunity

Presenter: Xianming Huang, Ph.D., Assistant Professor, Hamon Center for Therapeutic Oncology, Pharmacology, Simmons Comprehensive Cancer Center University of Texas Southwestern Medical Center, Dallas, Texas

Date: Wednesday, March 12, 2014

Time: 2:30 P.M. - 4:30 P.M. Pacific Time

Workshop: #3: Immune Suppressive Myeloid Cells

Location: MacDonald DEF Room, Fairmont Chateau Whistler, Whistler, British Columbia, Canada

CONFERENCE: IMMUNE EVOLUTION IN CANCER

Title: Phosphatidylserine Targeting Antibodies Enhance the Activity of Immune Checkpoint Inhibitors in Tumors

Presenter: Bruce Freimark, Ph.D., Director of Pre-Clinical Research Oncology, Peregrine Pharmaceuticals

Poster: Poster Session 1 - Poster 1029

Date: Monday, March 10, 2014

Viewing: 1:00 P.M. - 10:00 P.M. Pacific Time

Presentation: 7:30 P.M. - 10:00 P.M. Pacific Time

Location: Frontenac Ballroom and Foyer - Fairmont Chateau Whistler, Whistler, British Columbia, Canada

CONFERENCE: HIV PATHOGENESIS VIRUS VERSUS HOST

Title: Phosphatidylserine-Targeting Antibody Triggers B-Chemokine Release from Monocytes by Cell-Cell Crosslinking and is a Potent Inhibitor of HIV-1 In Vitro

Presenter: Cyril Empig, Ph.D., Associate Director, Pre-Clinical Research Infectious Disease, Peregrine Pharmaceuticals

Poster: Poster Session 3 - Poster 3020

Date: Wednesday, March 12, 2014

Viewing: 1:00 P.M. - 10:00 P.M. Mountain Time

Presentation: 7:30 P.M. - 10:00 P.M. Mountain Time

Location: Mezzanine 2 - Fairmont Banff Springs, Alberta, Canada

About Bavituximab: A Targeted Immunotherapy

Bavituximab is a first-in-class phosphatidylserine (PS)-targeting monoclonal antibody that represents a new approach to treating cancer. PS is a highly immunosuppressive molecule usually located inside the membrane of healthy cells, but "flips" and becomes exposed on the outside of cells that line tumor blood vessels, creating a specific target for anti-cancer treatments. PS-targeting antibodies target and bind to PS and block this immunosuppressive signal, thereby enabling the immune system to recognize and fight the tumor. These data detailing the immune-stimulatory mechanism of action of PS-targeting antibodies, such as the company's lead drug candidate bavituximab, are the subject of a manuscript published in the October 2013 issue of the American Association for Cancer Research (AACR) peer-reviewed journal, *Cancer Immunology Research*. Bavituximab is currently being evaluated in several solid tumor indications, including non-small cell lung cancer, breast cancer, liver cancer and rectal cancer with a trial in advanced melanoma anticipated to initiate in the near future.

About Keystone Symposia

Keystone Symposia serve as a catalyst for the advancement of biomedical and life sciences by connecting scientists within and across disciplines at conferences and workshops held at venues that create an environment conducive to information exchange, generation of new ideas and acceleration of applications that benefit society.

About Peregrine Pharmaceuticals, Inc.

Peregrine Pharmaceuticals, Inc. is a biopharmaceutical company with a pipeline of novel drug candidates in clinical trials focused on the treatment and diagnosis of cancer. The company is pursuing multiple clinical programs in cancer with its lead immunotherapy candidate bavituximab while seeking a partner to further advance its novel brain cancer agent Cotara®. Peregrine also has in-house cGMP manufacturing capabilities through its wholly-owned subsidiary Avid Bioservices, Inc. (www.avidbio.com), which provides development and biomanufacturing services for both Peregrine and third-party customers. Additional information about Peregrine can be found at www.peregrineinc.com.

Contact:

Christopher Keenan or Jay Carlson
Peregrine Pharmaceuticals
(800) 987-8256
info@peregrineinc.com

Source: Peregrine Pharmaceuticals

News Provided by Acquire Media