

December 12, 2016



Actinium to Sponsor Upcoming Blood & Marrow Transplant Information Network Webinar Focused on Stem Cell Transplants for Patients with AML

Patient focused webinar titled “Stem Cell Transplants for Acute Myeloid Leukemia: What you Need to Know”

Webinar to be led by transplant expert, Dr. Patrick Stiff, Director of the Cardinal Bernardin Cancer Center at Loyola University Medical Center

NEW YORK, Dec. 12, 2016 (GLOBE NEWSWIRE) -- Actinium Pharmaceuticals, Inc. (NYSE MKT:ATNM) ("Actinium" or "the Company"), a biopharmaceutical company developing innovative targeted therapies for cancers lacking effective treatment options, announced today that the Company is sponsoring a patient focused webinar that is being conducted on Wednesday, December 14, 2016 at 7:30 PM ET by the Blood & Marrow Transplant Information Network. The webinar will be led by transplant expert, Dr. Patrick Stiff, Director of the Cardinal Bernardin Cancer Center at Loyola University Medical Center. Patients, their families and caregivers interested in learning more about stem cell transplants, also known as a bone marrow transplant, for Acute Myeloid Leukemia (AML) should participate in the webinar. Details including a link to registration are below:

Webinar: Stem Cell Transplants for AML: What You Need to Know

Date: Wednesday, December 14, 2016

Time: 7:30 PM ET

Registration Link: <https://cc.readytalk.com/r/g3gidx9911cl&eom>

Sandesh Seth, Actinium Pharmaceuticals' Executive Chairman said, "Actinium is deeply committed to improving the lives of patients that are in need of a bone marrow transplant and that starts by increasing awareness and educating the patient community. We are delighted to be working with BMT InfoNet on these initiatives and to have the opportunity to sponsor this patient centric educational webinar."

About BMT InfoNet

Blood & Marrow Transplant Information Network (BMT InfoNet) is a not-for-profit organization dedicated to providing transplant patients, survivors and their loved ones with

emotional support and high quality, easy-to-understand information about bone marrow, peripheral blood stem cell and cord blood transplants. BMT InfoNet strives to empower patients to make informed decisions about their health and treatment options before, during and after transplant.

About lomab-B

lomab-B is Actinium's lead product candidate that is currently being studied in a 150-patient, multicenter pivotal Phase 3 clinical trial in patients with relapsed or refractory acute myeloid leukemia who are age 55 and above. Upon approval, lomab-B is intended to prepare and condition patients for a hematopoietic stem cell transplant, also referred to as a bone marrow transplant, which is often considered the only potential cure for patients with certain blood-borne cancers and blood disorders. lomab-B targets cells that express CD45, a pan-leukocytic antigen widely expressed on white blood cells with the monoclonal antibody, BC8, labeled with the radioisotope, iodine-131. By carrying iodine-131 directly to the bone marrow in a targeted manner, Actinium believes lomab-B will avoid causing effects of radiation on most healthy tissues while effectively killing the patient's cancer and marrow cells. In a Phase 2 clinical study in 58 patients with advanced AML or high-risk myelodysplastic syndrome (MDA) age 50 and older, lomab-B produced complete remissions in 100% of patients and patients experienced transplant engraftment at day 28. lomab-B was developed at the Fred Hutchinson Cancer Research Center where it has been studied in almost 300 patients in a number of blood cancer indications, including acute myeloid leukemia (AML), chronic myeloid leukemia (CML), acute lymphoblastic leukemia (ALL), chronic lymphocytic leukemia (CLL), Hodgkin's disease (HD), Non-Hodgkin lymphomas (NHL) and multiple myeloma (MM). lomab-B has been granted Orphan Drug Designation for relapsed or refractory AML in patients 55 and above by the U.S. Food and Drug Administration and the European Medicines Agency.

About Actinium Pharmaceuticals, Inc.

Actinium Pharmaceuticals, Inc. is a biopharmaceutical company developing innovative targeted therapies for patients with cancers lacking effective treatment options. Actinium's proprietary platform utilizes monoclonal antibodies to deliver radioisotopes directly to cells of interest in order to kill those cells safely and effectively. The Company's lead product candidate lomab-B is designed to be used, upon approval, in preparing patients for a hematopoietic stem cell transplant, commonly referred to as bone marrow transplant. A bone marrow transplant is often the only potential cure for patients with blood-borne cancers but the current standard preparation for a transplant requires chemotherapy and/or total body irradiation that result in significant toxicities. Actinium believes lomab-B will enable a faster and less toxic preparation of patients seeking a bone marrow transplant, leading to increased transplant success and survival rates. The Company is currently conducting a single pivotal 150-patient, multicenter Phase 3 clinical study of lomab-B in patients with relapsed or refractory acute myeloid leukemia (AML) age 55 and older. The Company's second product candidate, Actimab-A, is currently in a multicenter open-label, 53-patient Phase 2 trial for patients newly diagnosed with AML age 60 and over. Actimab-A is being developed to induce remissions in elderly patients with AML who lack effective treatment options and often cannot tolerate the toxicities of standard frontline therapies. Actinium is also utilizing its alpha-particle immunotherapy (APIT) technology platform to generate new drug candidates based on antibodies linked to the element Actinium-225 that are directed at

various cancers that are blood-borne or form solid tumors. Actinium Pharmaceuticals is based in New York, NY. To learn more about Actinium Pharmaceuticals, please visit www.actiniumpharma.com and to follow @ActiniumPharma on Twitter please visit, www.twitter.com/actiniumpharma.

Forward-Looking Statements for Actinium Pharmaceuticals, Inc.

This news release contains "forward-looking statements" as defined in the Private Securities Litigation Reform Act of 1995. These statements are based on management's current expectations and involve risks and uncertainties, which may cause actual results to differ materially from those set forth in the statements. The forward-looking statements may include statements regarding product development, product potential, or financial performance. No forward-looking statement can be guaranteed and actual results may differ materially from those projected. Actinium Pharmaceuticals undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events, or otherwise.

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