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Actinium to Host Key Opinion Leader Event Focused on Bone Marrow Transplant, Potential Role of Iomab-B on May 12

Hillard Lazarus MD, Professor of Medicine at Case Western Reserve University and Roland Turck MD, Radiopharmaceutical Veteran With Extensive Drug Commercialization Experience to Be Featured Speakers

NEW YORK, NY -- (Marketwired) -- 05/06/15 -- Actinium Pharmaceuticals, Inc. (NYSE MKT: ATNM) ("Actinium" or "the Company"), a biopharmaceutical Company developing innovative targeted payload immunotherapeutics for the treatment of advanced cancers, announced today that it will host a Key Opinion Leader (KOL) Breakfast on Tuesday, May 12th, 2015 from 8:00 to 9:30 am Eastern Time at the NY Palace Hotel (455 Madison Ave, Kennedy 1 Room, 4th Floor). This event will be webcast during that time at http://lifesci.rampard.com/20150512.

The meeting will feature bone marrow transplant and hematology specialist Hillard M. Lazarus MD, a Professor of Medicine at Case Western Reserve University (CWRU) School of Medicine, as well as Disease Team Leader and Director of Novel Cell Therapy at University Hospitals, Case Medical Center, and Company Scientific Advisory Board Member. Also featured is radiopharmaceutical industry veteran Roland U. Turck MD, Managing Partner at TurckBio and recently-appointed Senior Advisor to the Actinium Board of Directors. Dr. Turck has extensive, unparalleled experience in the launch and commercialization of radiopharmaceuticals.

Dr. Lazarus performed the first bone marrow transplant in Ohio in 1980. His seminal impact in multiple aspects of transplantation was recognized in 1986 with an invitation to develop and chair the Blood and Marrow Transplant Committee of the National Cancer Institute, a position he held until 2003. He now heads several clinical trials at the National Center for Regenerative Medicine (CWRU). He has over 400 publications and has won a variety of lifetime achievement, distinguished alumnus, and cancer research awards, in addition to fellowships sponsored by the Leukemia Society of America and the American Cancer Society.

Dr. Turck was formerly the head of Bayer's Global Specialty Medicine business, where he helped lead the commercialization of Xofigo, the first alpha particle-emitting radioactive agent, whose launch has been the most commercially successful of any radiopharmaceutical product to date. He is an expert in biopharmaceutical specialty medicine with more than 20

years of pharmaceutical industry experience at Bayer, Berlex, and Schering. He boasts an extensive track record of developing and commercializing several major oncology products on a global scale, including Xofigo, Stivarga, Nexavar, and Campath.

Attendance at the event is intended for institutional investors, sell-side analysts, and investment bankers. If you wish to attend in person, please RSVP in advance as space is limited, by contacting LifeSci Advisors at mac@lifesciadvisors.com. A live webcast and subsequent replay of the event will be available at http://lifesci.rampard.com/20150512 for all interested parties. If you would like to ask a question during the live Q&A, please email your request to questions@lifesciadvisors.com.

About Bone Marrow Transplant:

Bone marrow transplants (BMT) are most commonly used to treat leukemia and lymphoma, conditions incurred when a blood or immune cell, respectively, becomes cancerous and proliferates. Together, these diseases account for some 50,000 to 75,000 new cases annually in the United States. BMT involves first clearing a patient's body of his or her own immune cells and then transplanting bone marrow, the source of all blood- and immune-forming cells, from a tissue-matched donor. The new cells, which are free of cancer, repopulate the patient's bone marrow and eventually give rise to a functioning set of blood and immune cells, providing a lifelong cure. BMT offers the chance of a "curative" outcome (2+ year survival), and therefore can play a central role in the treatment of AML. The impact of BMT on AML continues to increase with AML being the most common and fastest growing indication for allogeneic BMT, comprising 25% to 30% of all BMT recipients. There are currently over 100,000 BMT survivors across all indications and this number is expected to increase to 250,000 by 2020 and 500,000 by 2030, with 25% of them over age 60.

About Iomab-B

Iomab-B™ is being developed to prepare patients for hematopoietic stem cell transplantation (HSCT) and will enter a single, pivotal Phase 3 clinical study in relapsed/refractory AML. Iomab-B is a radioimmunoconjugate consisting of BC8, a novel murine monoclonal antibody, and iodine-131 radioisotope. BC8 has been developed by Fred Hutchinson Cancer Research Center to target CD45, a pan-leukocytic antigen widely expressed on white blood cells. This antigen makes BC8 potentially useful in targeting white blood cells in preparation for hematopoietic stem cell transplantation 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).

About Actimab-A

Actimab-A is a radiolabeled antibody being developed for newly diagnosed AML in patients over 60, and is currently in a multicenter Phase 1/2 clinical trial. Based on Actinium's alpha-particle immunotherapy (APIT) platform, Actimab-A consists of the CD33 antibody lintuzumab linked to the actinium-225 payload. Actimab-A has attracted support from leading experts at the prestigious and high-volume cancer treatment hospitals due to the potential of its safety and efficacy profile, as well as its potential potency, specificity and ease of use. Clinical trials are being conducted at world-class cancer institutions such as Memorial Sloan Kettering Cancer Center, MD Anderson Cancer Center, Johns Hopkins Medicine, Columbia

University Medical Center, University of Pennsylvania Health System, Fred Hutchinson Cancer Research Center, and the Texas Oncology-Baylor Charles A. Sammons Cancer Center. Actimab candidates are in early development for other cancers.

About Actinium Pharmaceuticals

Actinium Pharmaceuticals, Inc. (www.actiniumpharma.com) is a New York-based biopharmaceutical company developing innovative targeted payload immunotherapeutics for the treatment of advanced cancers. Actinium's targeted radiotherapy products are based on its proprietary delivery platform for the therapeutic utilization of alpha-emitting actinium-225 and bismuth-213 and certain beta emitting radiopharmaceuticals in conjunction with monoclonal antibodies. The Company's lead radiopharmaceutical product candidate Iomab-B is designed to be used, upon approval, in preparing patients for hematopoietic stem cell transplant, commonly referred to as bone marrow transplant. The Company plans to conduct a single, pivotal, multicenter Phase 3 clinical study of Iomab-B in refractory and relapsed AML patients over the age of 55 with a primary endpoint of durable complete remission. The Company's second product candidate, Actimab-A, is continuing its clinical development in a Phase 1/2 trial for newly diagnosed AML patients over the age of 60 in a single-arm multicenter trial.

Forward-Looking Statement 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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