

April 24, 2020



Actinium Pharmaceuticals, Inc. Announces Closing of \$31.6 Million Public Offering, including Full Exercise of the Underwriters' Option to Purchase Additional Shares

NEW YORK, April 24, 2020 /PRNewswire/ --**Actinium Pharmaceuticals, Inc.** (NYSE AMERICAN: ATNM) ("Actinium" or "the Company") today announced the closing of the Company's previously announced underwritten public offering of 210,833,334 shares of common stock (or common stock equivalents in lieu thereof) at an effective public offering price of \$0.15 per share of common stock (or common stock equivalent), which includes the full exercise of the underwriters' option to purchase additional shares of common stock.



H.C. Wainwright & Co. acted as the sole book-running manager for the offering. Maxim Group LLC and JonesTrading acted as co-managers for the offering.

The gross proceeds from this offering to Actinium are expected to be approximately \$31.6 million, before deducting underwriting discounts and commissions and other offering expenses payable by Actinium. Actinium intends to use the net proceeds from the offering to complete its ongoing pivotal, Phase 3 SIERRA trial for its lead product candidate, lomab-B, and support its BLA filing. Net proceeds from this offering will also be used to progress Phase 1 trials from its refocused CD33 program to the proof of concept stage and support its AWE Technology Platform, lomab-ACT program, research and development and general working capital needs.

The securities described above were offered by Actinium pursuant to a shelf registration statement (Registration No. 333-216748) filed by Actinium with the Securities and Exchange Commission ("SEC") that became effective on October 12, 2017. The offering is being made only by means of a prospectus supplement and accompanying prospectus. A final prospectus supplement and accompanying prospectus were filed with the SEC and may be obtained for free on the SEC's website located at <http://www.sec.gov>. Electronic copies of the final prospectus supplement and accompanying prospectus relating to the public offering

may be obtained by contacting H.C. Wainwright & Co., LLC, 430 Park Avenue, 3rd Floor, New York, NY 10022, or by telephone at (646) 975-6996, or by email to placements@hcwco.com.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

About Actinium Pharmaceuticals, Inc.

Actinium Pharmaceuticals, Inc. is a clinical-stage biopharmaceutical company developing ARCs or Antibody Radiation-Conjugates, which combine the targeting ability of antibodies with the cell killing ability of radiation. Actinium's lead application for our ARCs is targeted conditioning, which is intended to selectively kill patient's cancer cells and certain immune cells prior to a BMT or Bone Marrow Transplant, CAR-T and other cell therapies or gene therapy to enable engraftment of these transplanted cells with minimal toxicities. With our ARC approach, we seek to improve patient outcomes and access to these potentially curative treatments by eliminating or reducing the non-targeted chemotherapy that is used for conditioning in standard practice currently. Our lead product candidate, lomab-B is being studied in the ongoing pivotal Phase 3 **Study of lomab-B in Elderly Relapsed or Refractory Acute Myeloid Leukemia (SIERRA)** trial for BMT conditioning. The SIERRA trial is over fifty percent enrolled and promising single-agent, feasibility and safety data has been highlighted at ASH, TCT, ASCO and SOHO annual meetings. Beyond lomab-B, we are developing a multi-disease, multi-target pipeline of clinical-stage ARCs targeting the antigens CD45 and CD33 for targeted conditioning and as a therapeutic either in combination with other therapeutic modalities or as a single agent for patients with a broad range of hematologic malignancies including acute myeloid leukemia, myelodysplastic syndrome and multiple myeloma. Underpinning our clinical programs is our proprietary AWE (Antibody Warhead Enabling) technology platform. This is where our intellectual property portfolio of over 100 patents, know-how, collective research and expertise in the field are being leveraged to construct and study novel ARCs and ARC combinations to bolster our pipeline for strategic purposes. Our AWE technology platform is currently being utilized in a collaborative research partnership with Astellas Pharma, Inc.

Forward-Looking Statements for Actinium Pharmaceuticals, Inc.

This press release may contain projections or other "forward-looking statements" within the meaning of the "safe-harbor" provisions of the private securities litigation reform act of 1995 regarding future events or the future financial performance of the Company which the Company undertakes no obligation to update, including but not limited to, statements regarding the use of proceeds from the public offering. These statements are based on management's current expectations and are subject to risks and uncertainties that may cause actual results to differ materially from the anticipated or estimated future results, including the risks and uncertainties associated with preliminary study results varying from final results, estimates of potential markets for drugs under development, clinical trials, actions by the FDA and other governmental agencies, regulatory clearances, responses to regulatory matters, the market demand for and acceptance of Actinium's products and services, performance of clinical research organizations and other risks detailed from time to time in Actinium's filings with the Securities and Exchange Commission (the "SEC"),

including without limitation its most recent annual report on form 10-K, subsequent quarterly reports on Forms 10-Q and Forms 8-K, each as amended and supplemented from time to time.

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