



**Actinium Pharmaceuticals, Inc.**  
NYSE MKT: ATNM

**November 6, 2014**  
**Target Price: \$20.95**  
**Recent Price: \$7.45**

**Market Data**

Fiscal Year	December 31
Industry	Biotech
Market Cap	\$223.5M
Price/Earnings (ttm)	N/A
Price/Book (mrq)	93.0x
Price/Sales (ttm)	N/A
Insider Ownership	20.8%
Institutional Ownership	8.3%
Shares Outstanding	30.0M
Float	22.8M
Avg. Daily Vol. (3 mos.)	68,439

*As of November 5, 2014*

**Income Snapshot**

	TTM
Revenue	\$0.0M
EBITDA	(\$17.0M)
Net Loss	(\$25.1M)

**Balance Sheet Snapshot**

	MRQ
Cash	\$11.8M
Debt	\$0.1M

**Company Website**

<http://www.actiniumpharmaceuticals.com/>

**Actimab-A Phase I/II Interim Data demonstrates significant survival benefits in patients with Secondary AML (sAML), which is notoriously resistant to treatment.**

**Median Survival of 9.1 months compared to 2-5 months in sAML patients.** In the interim analysis, 9 patients with intermediate or poor risk cytogenetics and a median age of 76 were exhibited to have a median overall survival of 5.4 months. Of the 9, 2 lived longer than 12 months (one of which lived longer than 24 months). 7 of the evaluated patients had sAML and these patients had a median overall survival of 9.1 months. The traditional poor prognosis of sAML makes these results particularly noteworthy. What's more, Actimab-A was safe for this patient population demonstrating its viability in treating elderly patients, who are traditionally neglected due to the harsh side effects of current treatments.

**Significant bone marrow blast reductions were observed with the current dosing regimen.** Thus far, the researchers have only evaluated two dosing regimens (0.5 or 1.0 µCi/kg/fraction), and they will continue to evaluate higher doses until the maximum tolerated dose ("MTD") is reached. Of the evaluable patients, 71% had bone marrow blast reductions with a mean 61% reduction of bone marrow blasts, an important marker of efficacy.

These results are noteworthy considering the traditional prognosis of AML. The current standard of care for AML is chemotherapy, a harsh treatment regimen with side effects that are intolerable for elderly patients. In fact, only about a third of elderly AML patients receive standard chemotherapy due to the toxicity. The remaining two thirds receive supportive care and exhibit a 2 month median overall survival. As aforementioned, Actimab-A was safe for the elderly patient population, providing them with a tolerable treatment option.

The abstract, *Phase I Trial of Targeted Alpha-Particle Therapy Using Actinium-225 (<sup>225</sup>Ac)-Lintuzumab (Anti-CD33) in Combination with Low-Dose Cytarabine (LDAC) for Older Patients with Untreated Acute Myeloid Leukemia (AML)*, will be published and available online in *Blood*, the official Journal of the American Society of Hematology.

**Reiterating target price of \$20.95.** The promising interim results along with Bismab-A's previous successes in Phase I/II reinforce Actimab-A's likelihood of success. Given the necessity for a tolerable treatment for elderly patients with AML and the hitherto success of Actimab-A and Iomab-B, we believe that ATNM remains undervalued.

## **Additional Information**

Legal: Thomas Slusarczyk, The Matt Law Firm

Auditor: GBH CPAs, PC

Transfer Agent: Action Stock Transfer Corp.

[Company Information](#)

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