ALNYLAM PHARMACEUTICALS, INC. Form 8-K January 09, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the

Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): January 9, 2012 (January 8, 2012)

Alnylam Pharmaceuticals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction 000-50743 (Commission 77-0602661 (IRS Employer

of Incorporation) File Number) Identification No.)

300 Third Street, Cambridge, MA
(Address of Principal Executive Offices)

Registrant s telephone number, including area code: (617) 551-8200

(Zip Code)

Not applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (<i>see</i> General Instruction A.2. below):	
" Writt	tten communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On January 8, 2012, Alnylam Pharmaceuticals, Inc. announced its key 2012 goals for its RNAi therapeutics pipeline, as well as updated cash guidance for the year ended December 31, 2011. The full text of the press release issued in connection with the announcement is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Form 8-K (including Exhibit 99.1) shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

- (d) Exhibits
 - 99.1 Press Release dated January 8, 2012.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: January 9, 2012

ALNYLAM PHARMACEUTICALS, INC.

By: /s/ Michael P. Mason

Michael P. Mason

Vice President, Finance and Treasurer

EXHIBIT INDEX

Exhibit

No. Description

99.1 Press Release dated January 8, 2012.