

NEOSE TECHNOLOGIES INC  
Form 8-K  
March 21, 2007

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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):

March 21, 2007

Neose Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware

000-27718

13-3549286

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(I.R.S. Employer  
Identification No.)

102 Rock Road, Horsham, Pennsylvania

19044

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

215-315-9000

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:

- Written 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))

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**Item 8.01 Other Events.**

On March 21, 2007, Neose Technologies, Inc. (the "Company") announced that the second Phase I clinical trial of GlycoPEG-GCSF, a long acting granulocyte colony stimulating factor (GCSF), has been initiated. This trial in healthy volunteers will compare a single, subcutaneously administered, fixed dose of GlycoPEG-GCSF versus the approved fixed dose of Amgen's Neulasta®, the only currently marketed long-acting GCSF. GlycoPEG-GCSF is being developed for the treatment of neutropenia associated with cancer chemotherapy. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated herein by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits: The Exhibit Index annexed hereto is incorporated herein by reference.

“Safe Harbor” Statement under the Private Securities Litigation Reform Act of 1995: Statements in this Current Report on Form 8-K regarding the Company’s business that are not historical facts are “forward-looking statements” that involve risks and uncertainties. For a discussion of these risks and uncertainties, any of which could cause the Company’s actual results to differ from those contained in the forward-looking statement, see the sections entitled “Risk Factors” and “Special Note Regarding Forward-Looking Statements” in the Company’s Annual Report on Form 10-K for the year ended December 31, 2006 and discussions of potential risks and uncertainties in the Company’s subsequent filings with the SEC.

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**SIGNATURES**

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.

Neose Technologies, Inc.

*March 21, 2007*

*By: /s/ A. Brian Davis*

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*Name: A. Brian Davis*

*Title: Senior Vice President and Chief Financial Officer*

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Exhibit Index

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press Release dated March 21, 2007