

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 Act of 1934

Date of Report (Date of earliest event reported): January 3, 2006

Commission File Number 0-50626

XCYTE THERAPIES, INC.

(Exact name of registrant as specified in its charter)

Delaware
*(State or other jurisdiction of
incorporation or organization)*

91-1707622
*(I.R.S. Employer
Identification Number)*

1124 Columbia Street, Suite 130
Seattle, Washington 98104
(Address of principal executive offices and zip code)

(206) 262-6200
(Registrant's telephone number, including area code)

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))

Item 8.01 Other Events.

On January 3, 2006, the Board of Directors of Xcyte Therapies, Inc. (“Xcyte”) appointed Peter Langecker (a current member of Xcyte’s Board of Directors) to the Audit Committee of Xcyte’s Board of Directors (the “Audit Committee”). The Board of Directors appointed Mr. Langecker to fill the vacancy created on the Audit Committee by the resignation of Jean Deleage from the Board of Directors on December 22, 2005.

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.

XCYTE THERAPIES, INC.

By: /s/ Kathi L. Cordova
Kathi L. Cordova
Duly Authorized Officer of Registrant
Senior Vice President of Finance and Treasurer

Date: January 4, 2006