

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 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): **October 8, 2007**

Xenomics, Inc.

(Exact name of registrant as specified in its charter)

Florida

(State or other jurisdiction
of incorporation or organization)

04-3721895

(IRS Employer
Identification No.)

**420 Lexington Avenue, Suite 1701
New York, New York 10170**

(Address of principal executive offices)

Registrant's telephone number, including area code: **(212) 297-0808**

(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 communication 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 5.02 Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers; Compensatory Arrangements of Certain Officers.

On October 8, 2007, Xenomics, Inc. (the "Company") appointed Gary Anthony as Corporate Controller of the Company. From December 2004 to October 2007, Mr. Anthony was Director of Accounting and Compliance at Palatin Technologies, Inc. Prior to joining Palatin, Mr. Anthony was engaged as a consultant providing accounting services primarily to development-stage companies and from August 2001 to March 2003 was the Controller of INC Research Inc.

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.

Dated: October 11, 2007

XENOMICS, INC.

By: /s/ Gianluigi Longinotti-Buitoni

