

**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): **May 21, 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 8.01 Other Events.

On May 21, 2007, Xenomics, Inc. (the "Company") and BSI Multihevetia ("BSI") agreed to amend the warrant owned by BSI exercisable for 500,000 shares of common stock of the Company in order to extend the expiration date of such warrant to August 21, 2007 from June 21, 2007.

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: May 25, 2007

XENOMICS, INC.

By: /s/ Frederick Larcombe
Frederick Larcombe
Chief Financial Officer