

**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) **July 23, 2007**

METABOLIX, INC.

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE

(State or Other Jurisdiction of Incorporation)

001-33133

(Commission File Number)

04-2729386

(IRS Employer Identification No.)

21 Erie Street, Cambridge, Massachusetts

(Address of Principal Executive Offices)

02139

(Zip Code)

(617) 492-0505

(Registrant's Telephone Number, Including Area Code)

(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 (see General Instruction A.2. below):

- 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 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On July 23, 2007, Thomas G. Auchincloss, Jr., informed the Company that he intends to resign from his positions as Chief Financial Officer, Vice President, Finance and Corporate Development, and Treasurer of the Company for personal reasons. His resignation will be effective as of August 10, 2007. Mr. Auchincloss will continue to be employed by Metabolix to progress ongoing business development projects, to assist with the transition, and to handle other matters. The Company plans to begin a search for Mr. Auchincloss's successor immediately.

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.

Date July 27, 2007

By: /s/ Jay Kouba
Jay Kouba
President and Chief Executive Officer