SPECTRX INC Form 8-K September 13, 2006

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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): September 13, 2006 (September 7, 2006)

SPECTRX, INC.

(Exact Name of Registrant as Specified in Its Charter)

0-22179 58-2029543 **Delaware** (State or Other Jurisdiction of Incorporation) (Commission File Number) (IRS. Employer Identification No.)

> 4955 Avalon Ridge Pkwy, Suite 300 Norcross, Georgia (Address of Principal Executive Offices)

30071 (Zip Code)

Registrant's Telephone Number, Including Area Code: (770) 242-8723

(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) o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) 0 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

Item 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

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Exhibit 99.1 Press release, dated September 13, 2006

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Item 8.01. Other Events.

On September 13, 2006, SpectRx announced that National Cancer Institute Awarded Fifth Grant to SpectRx, Inc. for Non-invasive Cervical Cancer Detection Technology on September 7, 2006, as more fully described in the press release, a copy of which is furnished as Exhibit 99.1 hereto and which information is incorporated herein by reference.

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Item 9.01. Financial Statements and Exhibits.

(c) Exhibits.

99.1 Press Release, dated September 13, 2006

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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 thereunto duly authorized.

SPECTRX, INC.

/s/ MARK A. SAMUELS

By: Mark A. Samuels

CEO & CFO

Date: September 13, 2006.

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EXHIBIT INDEX

Exhibit No.	Exhibit Description
99.1	Press Release, dated September 13, 2006