SPECTRX INC Form 8-K May 17, 2007

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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): May 17, 2007 (May 11, 2007)

SPECTRX, INC.

(Exact Name of Registrant as Specified in Its Charter)

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

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

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

30071

(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) 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)

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

SIGNATURES

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Item 5.02. **Departure of Directors or Certain Officers; Election of Directors; Appointment of Principal Officers; Compensatory Arrangements of Certain Officers.**

On May 11, 2007, SpectRx, Inc. announced the retirement of Mark A. Samuels as Chairman, Chief Executive Officer and acting Chief Financial Officer of the company.

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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 hereunto duly authorized.

SPECTRX, INC.

/s/ MARK L. FAUPEL

By:

Mark L. Faupel, Ph.D. CEO & President

Date: May 17, 2007.