GelTech Solutions, Inc. Form 8-K May 17, 2010

UNITED STATES 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 11, 2010

GelTech Solutions, Inc. (Exact name of registrant as specified in its charter)

Delaware (State or Other Jurisdiction of Incorporation)

000-52993 (Commission File Number) 56-2600575 (I.R.S. Employer Identification No.)

1460 Park Lane South, Suite 1

Jupiter, Florida 33458 (Address of Principal Executive Office) (Zip Code)

(561) 427-6144 (Registrant's telephone number, including area code)

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:

o 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)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o 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 May 11, 2010, Leonard Mass was appointed as a director of GelTech Solutions, Inc.

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.

GELTECH SOLUTIONS, INC.

By:

/s/ Michael Cordani Michael Cordani Chief Executive Officer

Date: May 12, 2010