

**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):  
**October 16, 2007**

**AVANT IMMUNOTHERAPEUTICS, INC.**

(Exact name of registrant as specified in charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**0-15006**  
(Commission file number)

**13-3191702**  
(IRS employer  
identification no.)

**119 Fourth Avenue**  
**Needham, Massachusetts 02494-2725**  
(Address of principal executive offices) (Zip code)

Registrant's telephone number, including area code:  
**(781) 433-0771**

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 Certain Officers; Compensatory Arrangements of Certain Officers.**

On October 16, 2007, Dr. Francis Cano advised AVANT Immunotherapeutics, Inc. (the "Company") that he resigned as a member of the Board of Directors of the Company, as well as from the Compensation Committee and Nominating and Corporate Governance Committee effective immediately. Dr. Cano has advised the Company that he intends to pursue other business opportunities.

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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.

**AVANT IMMUNOTHERAPEUTICS, INC.**

Dated: October 16, 2007

By: /s/ Avery W. Catlin  
Avery W. Catlin

