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 30, 2007

MEDICINOVA, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction

001-33185 (Commission File Number) 33-0927979 (IRS Employer

Identification No.)

of incorporation)

4350 La Jolla Village Drive, Suite 950

San Diego, CA 92122

(Address of principal executive offices) (Zip Code)

Registrant s telephone number, including area code: (858) 373-1500

Not Applicable

(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))

Item 7.01 Regulation FD Disclosure.

Representatives of MediciNova, Inc. (the Registrant) are scheduled to make a presentation at the J.M. Dutton Health Science Small Cap Conference on May 30, 2007 at 10:10 a.m. Pacific time and at the Friedman Billings Ramsey Growth Conference on May 31, 2007 at 2:20 p.m. Eastern time. A copy of the slide presentation to be used by the Registrant at these conferences is attached hereto as Exhibit 99.1.

The information in this Item 7.01, including Exhibit 99.1 furnished herewith, is furnished pursuant to Item 7.01 and shall not be deemed filed for any purpose, including for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or otherwise subject to the liabilities of that Section. The information in this Item 7.01 of this Current Report on Form 8-K shall not be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in any such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Number Description

99.1 Slide presentation dated May 30, 2007

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.

MEDICINOVA, INC.

Dated: May 30, 2007

By: /s/ Shintaro Asako
Shintaro Asako

Vice President and Chief Financial Officer

EXHIBIT INDEX

Number Description

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