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): March 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

of incorporation)

4350 La Jolla Village Drive, Suite 950

Identification No.)

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)

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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 7.01 Regulation FD Disclosure.

On March 30, 2007, Dr. Kenneth Locke, Chief Scientific Officer of MediciNova, Inc. (the Registrant), gave a presentation regarding the status of the Registrant s development programs to attendees of the Registrant s Annual Meeting of Stockholders. Attached as Exhibit 99.1 hereto and incorporated herein by reference in its entirety is a copy of Dr. Locke s presentation.

The information in this Item 7.01, including the exhibits 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 such filing.

Item 9.01 Financial Statements and Exhibits. (d) Exhibits.

Exhibit Description

99.1 Slide Presentation presented March 30, 2007

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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.

Dated: March 30, 2007.

MEDICINOVA, INC.

By: /s/ Shintaro Asako Shintaro Asako Chief Financial Officer

EXHIBIT INDEX

Exhibit No.

DescriptionSlide Presentation presented March 30, 2007 99.1

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