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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**Form 8-K**

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**Current Report**

**Pursuant to Section 13 or 15(d) of  
The Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): June 14, 2011**

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**MEDICINOVA, INC.**

(Exact name of registrant as specified in its charter)

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

**001-33185**  
(Commission  
File Number)

**33-0927979**  
(I.R.S. Employer  
Identification No.)

**4350 LA JOLLA VILLAGE DRIVE,  
SUITE 950, SAN DIEGO, CA**  
(Address of principal executive offices)

**92122**  
(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 (see General Instruction A.2. below):

- 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 5.07 Submission of Matters to a Vote of Security Holders.**

MediciNova, Inc. (the "Company") held its Annual Meeting of Stockholders held on June 14, 2011. At the meeting, the stockholders elected Jeff Himawan, Ph.D. to serve as the Company's Class I director until the Annual Meeting of Stockholders in 2014 or until his successor is duly elected and qualified. 6,173,357 votes were cast in favor of electing Dr. Himawan and 395,577 votes were withheld.

Second, the stockholders ratified the appointment of KPMG LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2011. 8,355,784 votes were cast in favor, 261,272 votes were cast against and 103,905 shares abstained from voting. There were no broker non-votes.

**SIGNATURE**

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.**

By: /s/ Michael Coffee

Michael Coffee

*Chief Business Officer and Interim Chief Financial Officer*

Date: June 17, 2011