

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>O'Brien Geoffrey</u> <hr/> (Last) (First) (Middle) C/O MEDICINOVA, INC. 4275 EXECUTIVE SQUARE, SUITE 650 <hr/> (Street) LA JOLLA CA 92037 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/15/2013	3. Issuer Name and Ticker or Trading Symbol <u>MEDICINOVA INC [MNOV]</u> <hr/> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">Vice President</p>	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,000	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Warrant (right to buy)	03/29/2011	03/29/2016	Common Stock	5,000	3.56	D	
Employee Stock Option (right to buy)	(1)	07/06/2019	Common Stock	25,000	4.8	D	
Employee Stock Option (right to buy)	(2)	01/28/2020	Common Stock	11,900	7.34	D	
Employee Stock Option (right to buy)	(3)	07/12/2021	Common Stock	32,000	2.54	D	
Employee Stock Option (right to buy)	06/14/2012	08/02/2021	Common Stock	26,250	2.46	D	
Employee Stock Option (right to buy)	(4)	05/12/2023	Common Stock	22,500	4.1	D	

Explanation of Responses:

1. The option vested over a period of 4 years in equal monthly installments from the 7-7-09 date of grant and is now fully vested.
2. The option vests over a period of 4 years in equal monthly installments from the 1-29-10 date of grant.
3. The option vests over a period of 4 years in equal monthly installments from the 7-13-11 date of grant.
4. The option vests over a period of 4 years in equal monthly installments from the 5-13-13 date of grant.

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

/s/ Geoffrey O'Brien
10/17/2013

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

For Executing Section 16 Forms, Form 144 and Schedules 13D or 13G

Know all by these presents that the undersigned hereby constitutes and appoints Yui Iwaki as the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of MediciNova, Inc. (the "Company") (a) Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder, (b) Form 144, and (c) Schedule 13D or Schedule 13G (including amendments thereto); and
- (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute any such Forms 3, 4 and 5, Form 144, and Schedule 13D or Schedule 13G (including amendments thereto) and timely file such Forms or Schedules with the U.S. Securities and Exchange Commission (the "SEC") and any stock exchange, self-regulatory association or any other authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing that, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required of the undersigned, it being understood that the documents executed by the attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as the attorney-in-fact may approve in the attorney-in-fact's discretion.

The undersigned hereby grants to the attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that the attorney-in-fact shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

The undersigned agrees that such attorney-in-fact may rely entirely on information furnished orally or in writing by the undersigned to the attorney-in-fact. The undersigned also agrees to indemnify and hold harmless such attorney-in-fact against any losses, claims, damages or liabilities (or actions in these respects) that arise out of or are based upon any untrue statements or omissions of necessary facts in the information provided by the undersigned to such attorney-in fact for purposes of executing, acknowledging, delivering or filing any such Forms 3, 4 and 5, Form 144 or Schedule 13D or Schedule 13G (including amendments thereto) and agrees to reimburse the attorney-in-fact on demand for any legal or other expenses reasonably incurred in connection with investigating or defending against any such loss, claim, damage, liability or action.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of the date written below.

Signature: /s/ Geoffrey O'Brien

Printed Name: Geoffrey O'Brien

Date: October 17, 2013