

## 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>MCKEARN THOMAS J</u>	2. Date of Event Requiring Statement (Month/Day/Year) 07/24/2013	3. Issuer Name and Ticker or Trading Symbol <u>Onconova Therapeutics, Inc. [ ONTX ]</u>	
		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) <u>President, R&amp;D</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>C/O ONCONOVA THERAPEUTICS, INC.</u> <u>375 PHEASANT RUN</u>			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
(Street) <u>NEWTOWN PA 18940</u>			
(City) (State) (Zip)			

## 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)
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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			
Stock Option (right to purchase)	03/09/2012	03/10/2022	Common Stock	893	7.53	D	
Stock Option (right to purchase)	08/31/2012	09/01/2022	Common Stock	412	13.28	D	
Stock Option (right to purchase)	(1)	12/19/2022	Common Stock	75,018	13.28	D	
Stock Option (right to purchase)	(2)	03/21/2023	Common Stock	78,769	13.28	D	

## Explanation of Responses:

1. This option, representing a right to purchase a total of 75,018 shares of Common Stock, is immediately exercisable and vests over 4 years from December 18, 2012, with 25% vesting on December 18, 2013 and 75% vesting in 36 equal monthly installments thereafter, subject to continued service to the Issuer through each vesting date.

2. This option, representing a right to purchase a total of 78,769 shares of Common Stock, is immediately exercisable and vests over 4 years from March 20, 2013, with 25% vesting on March 20, 2014 and 75% vesting in 36 equal monthly installments thereafter, subject to continued service to the Issuer through each vesting date.

/s/ Thomas McKearn

07/24/2013

\*\* 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.

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