

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden	
hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Reddy E Premkumar</u>  (Last) (First) (Middle) <u>C/O ONCONOVA THERAPEUTICS, INC.</u> <u>375 PHEASANT RUN</u>  (Street) <u>NEWTOWN PA 18940</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Onconova Therapeutics, Inc. [ ONTX ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>07/26/2016</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	07/29/2016		X		133,000	A	\$4.1 <sup>(1)</sup>	266,784	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Subscription Rights (right to receive)	\$4.1	07/26/2016		X			133,000	07/08/2016	07/26/2016	See footnote <sup>(1)</sup>	133,000	\$0	0	D	
Warrants (right to buy)	\$4.92	07/29/2016		X		99,750		07/29/2016	07/27/2021	Common Stock <sup>(2)</sup>	99,750	<sup>(1)</sup>	99,750	D	

**Explanation of Responses:**

1. The common stock and the warrants reported on this Form 4 were acquired pursuant to the exercise of subscription rights previously distributed by the Issuer to all holders of the Issuer's common stock. Each holder received 1.5 subscription rights per share of stock owned, and each right allowed the recipient to purchase one unit, consisting of one share of common stock and 0.75 of a warrant to purchase one share of common stock. The subscription price per unit was \$4.10. Holders of the subscription rights, including the Reporting Person, also had an overallotment privilege to subscribe for additional units not purchased by other holders, subject to allocation. The allocation of the overallotment privilege to persons who hold their securities through a broker was completed on August 1, 2016.

2. Each warrant entitles the holder to purchase one share of the Company's common stock at an exercise price of \$4.92 from the date of issuance through July 27, 2021.

/s/ Ramesh Kumar as attorney-in-fact      08/10/2016

\*\* 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 4 (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.