

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2

Under the Securities Exchange Act of 1934
(Amendment No.)*

ONCONOVA THERAPEUTICS, INC.

(Name of Issuer)

Common stock, \$0.01 per share

(Title of Class of Securities)

68232V 108

(CUSIP Number)

December 31, 2013

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 68232V 108

1. Names of Reporting Persons
E. Premkumar Reddy

2. Check the Appropriate Box if a Member of a Group (See Instructions)

- (a)
(b)

3. SEC Use Only

4. Citizenship or Place of Organization
United States of America

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With

5. Sole Voting Power
1,362,423 (1)

6. Shared Voting Power
0

7.	Sole Dispositive Power 1,362,423 (1)
8.	Shared Dispositive Power 0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,362,423 (1)
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>
11.	Percent of Class Represented by Amount in Row (9) 6.35% (2)
12.	Type of Reporting Person (See Instructions) IN

- (1) Includes 51,669 shares of common stock subject to outstanding options that are exercisable within 60 days of December 31, 2013.
- (2) Percentage of class calculation is based upon the number of shares of issuer's common stock outstanding as reported on the issuer's Form 10-Q for the period ended September 30, 2013.

Item 1.

- (a) Name of Issuer:
Onconova Therapeutics, Inc.
- (b) Address of Issuer's Principal Executive Offices:
375 Pheasant Run, Newtown, PA 18940

Item 2.

- (a) Name of Person Filing:
E. Premkumar Reddy
- (b) Address of Principal Office or, if none, Residence:
c/o 375 Pheasant Run, Newtown, PA 18940
- (c) Citizenship or Place of Organization:
United States of America
- (d) Title of Class of Securities:
Common stock, \$0.01 per share
- (e) CUSIP Number:
68232V 108

Item 3. If this statement is filed pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a(n):

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) Investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
- (f) Employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
- (g) Parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
- (h) Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) Church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company

(j) o Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned:
1,362,423 (1)

(b) Percent of class:
6.35% (2)

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:
1,362,423 (1)

(ii) Shared power to vote or to direct the vote:
0

(iii) Sole power to dispose or to direct the disposition of:
1,362,423 (1)

(iv) Shared power to dispose or to direct the disposition of:
0

-
- (1) Includes 51,669 shares of common stock subject to outstanding options that are exercisable within 60 days of December 31, 2013.
(2) Percentage of class calculation is based upon the number of shares of issuer's common stock outstanding as reported on the issuer's Form 10-Q for the period ended September 30, 2013.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

N/A

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:

N/A

Item 8. Identification and Classification of Members of the Group.

N/A

Item 9. Notice of Dissolution of Group.

N/A

Item 10. Certification.

N/A

Exhibits:

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2014

By: /s/ E. Premkumar Reddy

Name: E. Premkumar Reddy

Title: