

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): **April 19, 2017**

Onconova Therapeutics, Inc.

(Exact name of Registrant as specified in its charter)

Delaware
(State or Other Jurisdiction
of Incorporation or Organization)

001-36020
(Commission
File Number)

22-3627252
(I.R.S. Employer
Identification No.)

**375 Pheasant Run
Newtown, PA 18940
(267) 759-3680**

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.02. Termination of a Material Definitive Agreement.

On December 5, 2016, Onconova Therapeutics, Inc. (the "Company") entered into an At Market Issuance Sales Agreement (the "Sales Agreement") with FBR Capital Markets & Co. ("FBR") to create an at-the-market equity program (the "ATM Program") under which the Company from time to time may offer and sell shares of its common stock, par value \$0.01 per share, having an aggregate offering price of up to \$3,475,000 (the "Shares") through FBR as sales agent. All sales under the ATM Program were required to be made under the Company's effective shelf registration statement on Form S-3 (File No. 333-199219), which was declared effective by the Securities and Exchange Commission (the "SEC") on November 20, 2014, and a related prospectus supplement filed with the SEC on December 5, 2016.

Effective April 19, 2017, the Company terminated the Sales Agreement and the related ATM Program.

The Company has decided to terminate the Sales Agreement because it does not intend to utilize the Sales Agreement to raise additional capital. The Company will not incur any termination penalties as a result of its termination of the Sales Agreement.

A description of the terms and conditions of the Sales Agreement is set forth in the Company's current report on Form 8-K filed with the SEC on December 5, 2016 and incorporated herein by reference.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: April 20, 2017

Onconova Therapeutics, Inc.

By: /s/ Mark Guerin

Name: Mark Guerin

Title: Chief Financial Officer

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