ZIOPHARM ONCOLOGY INC Form 8-K January 05, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 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): December 29, 2010

ZIOPHARM Oncology, Inc. (Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-33038 (Commission File Number) 84-1475642 (IRS Employer Identification No.)

1180 Avenue of the Americas 19th Floor New York, NY (Address of Principal Executive Offices)

10036

(Zip Code)

(646) 214-0700 (Registrant's telephone number, including area code)

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 (17 CFR 230.425).

" Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12).

[&]quot; Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)).

" Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)).

Item 8.01 Other Events.

On December 29, 2010, the Company issued a press release announcing that the first patient has been dosed in a Phase I, single arm, dose escalation study at the Indiana University Cancer Center of intravenous (IV) palifosfamide (ZIO-201) in combination with etoposide (VP-16) and cisplatin/carboplatin (platinum) in the treatment of small cell lung cancer (SCLC) and other cancers. A copy of the above referenced press release is filed as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Date: January 5, 2011

Exhibit No. Description

99.1 Press Release dated December 29, 2010

SIGNATURES

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

ZIOPHARM Oncology, Inc.

By: /s/ Richard Bagley

Name: Richard Bagley

Title: President, Chief Operating Officer and

Chief

Financial Officer

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INDEX OF EXHIBITS

Exhibit No. Description

99.1 Press Release dated December 29, 2010