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): April 26, 2018

ImmunoGen, Inc.

(Exact name of registrant as specified in its charter)

Massachusetts	**0-17999**	**04-2726691**
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

830 Winter Street, Waltham, MA 02451
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (781) 895-0600

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

☐ 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)

☐ 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))

Indicate by check mark whether the registrant is a 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 8.01 Other Events.

On April 26, 2018, ImmunoGen, Inc. issued a press release announcing the successful outcome of the planned interim analysis from the first Phase 3 clinical trial on mirvetuximab soravtansine, and that the trial has completed enrollment. A copy of this press release is furnished as Exhibit 99.1 hereto.

Item 9.01 Financial Statements and Exhibits.

(d): The following exhibit is being furnished herewith:

Exhibit No.	Exhibit
99.1	Press Release of ImmunoGen, Inc. dated April 26, 2018

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.

ImmunoGen, Inc.
(Registrant)

Date: April 26, 2018

/s/ David B. Johnston

David B. Johnston
Executive Vice President and Chief Financial Officer

IMMUNOGEN

ImmunoGen Announces Successful Completion of Interim Analysis for FORWARD I Phase 3 Trial of Mirvetuximab Soravtansine in Platinum-Resistant Ovarian Cancer

FORWARD I trial has completed full enrollment; top-line results expected in the first half of 2019

WALTHAM, Mass., April 26, 2018 – ImmunoGen, Inc. (Nasdaq: IMGN), a leader in the expanding field of antibody-drug conjugates (ADCs) for the treatment of cancer, today announced that the FORWARD I Phase 3 registration trial evaluating mirvetuximab soravtansine as a single-agent therapy for the treatment of platinum-resistant ovarian cancer will continue as planned without modification. The decision follows a recommendation by the Independent Data Monitoring Committee (IDMC) based upon successful completion of a pre-specified interim futility analysis after 80 progression-free survival (PFS) events as determined by blinded, independent central review. ImmunoGen has also completed full enrollment of the trial two months ahead of schedule and expects top-line results from FORWARD I during the first half of 2019.

“Ovarian cancer is the leading cause of death from gynecological cancers, and patients diagnosed with this life-threatening disease have limited treatment options, especially once they develop platinum-resistant disease,” said Anna Berkenblit, M.D., vice president and chief medical officer of ImmunoGen. “We are encouraged that the IDMC recommended FORWARD I proceed as planned and are pleased that the trial has reached full enrollment earlier than expected. We look forward to assessing top-line data in the first half of 2019.”

FORWARD I is an ongoing Phase 3 trial designed to randomize 333 patients 2:1 to receive either mirvetuximab soravtansine or the physician's choice of single-agent chemotherapy (pegylated liposomal doxorubicin, topotecan, or weekly paclitaxel). Eligibility criteria include patients with platinum-resistant ovarian cancer that express medium or high levels of folate receptor alpha (FRα) who have been treated with up to three prior regimens. The primary endpoint of this study is PFS, which is being assessed in the entire study population and in the subset of patients with high FRα expression. Enrollment was initially planned to be completed by the end of June.

ImmunoGen is partnering with the Gynecologic Oncology Group Foundation Inc., a leader in clinical research in gynecologic malignancies, on FORWARD I, which is being conducted in North America and Europe. This trial is intended to support full marketing approval of mirvetuximab soravtansine for patients with platinum-resistant ovarian cancer.

About Mirvetuximab Soravtansine

Mirvetuximab soravtansine (IMGN853) is the first FRα-targeting ADC. It uses a humanized FRα-binding antibody to target the ADC specifically to FRα-expressing cancer cells and a potent anti-tumor agent, DM4, to kill these targeted cancer cells.

Mirvetuximab is also being assessed in combination regimens for both platinum-resistant and platinum-sensitive disease in the Phase 1b/2 FORWARD II trial.

About Ovarian Cancer and FRα
It is estimated that 22,000 women are diagnosed annually with ovarian cancer in the US. With more than 14,000 deaths each year, ovarian cancer accounts for more deaths than any other cancer of the female reproductive system.[1]

Standard first-line therapy for ovarian cancer is a platinum-based combination regimen. Once the cancer becomes platinum-resistant, treatment options include single-agent cytotoxic therapies such as pegylated liposomal doxorubicin, paclitaxel, or topotecan, and combination therapies that include Avastin®.

There is a significant need for more effective, better-tolerated therapies for recurrent ovarian cancer. It is estimated that approximately 19,000 women in the US and approximately 24,000 women in the EU have platinum-resistant ovarian cancer requiring second-line or later treatment.[2] ImmunoGen estimates that 60% of ovarian cancer cases have medium or high FRα expression.

About ImmunoGen, Inc.
ImmunoGen is a clinical-stage biotechnology company that develops targeted cancer therapeutics using its proprietary ADC technology. The Company's lead product candidate, mirvetuximab soravtansine, is in the FORWARD I Phase 3 trial for FRα-positive platinum-resistant ovarian cancer, and is in the FORWARD II Phase 1b/2 trial in combination regimens for earlier-stage disease. ImmunoGen has three additional clinical-stage product candidates, two of which are being developed in collaboration with Jazz Pharmaceuticals. ImmunoGen's ADC technology is also used in Roche's marketed product, Kadcyla®, and in programs in development by Amgen, Bayer, Biotest, CytomX, Debiopharm, Lilly, Novartis, Sanofi and Takeda. More information about the Company can be found at www.immunogen.com.

Kadcyla® is a registered trademark of Genentech, a member of the Roche Group.

[1]American Cancer Society. Cancer Facts & Figures 2018. Atlanta, Ga: American Cancer Society; 2018.
[2]Decision Resources Group Patientbase.

This press release includes forward-looking statements, including statements related to the expected timing of results. For these statements, ImmunoGen claims the protection of the safe harbor for forward-looking statements provided by the Private Securities Litigation Reform Act of 1995. It should be noted that there are risks and uncertainties related to the development of novel anticancer products, including mirvetuximab soravtansine, including risks related to preclinical and clinical studies, their timings and results. A review of these risks can be found in ImmunoGen's Annual Report on Form 10-K for the year ended December 31, 2017 and other reports filed with the Securities and Exchange Commission.

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