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): May 15, 2020

SURFACE ONCOLOGY, INC.

(Exact name of Registrant as Specified in Its Charter)

Delaware	**001-38459**	**46-5543980**
(State or Other Jurisdiction of Incorporation)	**(Commission File Number)**	**(IRS Employer Identification No.)**

50 Hampshire Street, 8th Floor
Cambridge, MA 02139
(Address of principal executive offices, including zip code)

(617) 714-4096
(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 filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instructions 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))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, $0.0001 par value per share	**SURF**	**Nasdaq Global Market**

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 7.01. Regulation FD Disclosure.

On May 15, 2020, Surface Oncology, Inc. issued a press release titled "Surface Oncology to Present Preclinical Data for Multiple Product Programs at the American Association for Cancer Research Annual Meeting." A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Item 7.01 and Exhibit 99.1 attached hereto are intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description
99.1	Press release issued by Surface Oncology, Inc. dated May 15, 2020

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 thereunto duly authorized.

Surface Oncology, Inc.

Date: May 15, 2020

By: /s/ J. Jeffrey Goater
J. Jeffrey Goater
President and Chief Executive Officer

Exhibit 99.1

Surface Oncology to Present Preclinical Data for Multiple Product Programs at the American Association for Cancer Research Annual Meeting

CAMBRIDGE, Mass., May 15, 2020 -- Surface Oncology (Nasdaq: SURF), a clinical-stage immuno-oncology company developing next-generation immunotherapies that target the tumor microenvironment, today announced five scientific posters sharing updated preclinical data at the American Association for Cancer Research (AACR) 2020 Annual Meeting, to be held virtually on June 22-24.

The posters include preclinical data from Surface Oncology's two lead clinical-stage antibody therapies: SRF617 (targeting CD39) and SRF388 (targeting IL-27). Three additional posters containing preclinical data from SRF813 (targeting CD112R) and SRF231 (targeting CD47) will also be presented.

Summaries are provided below; full posters will be placed on Surface Oncology's website following the presentation.

Details of the AACR presentations are as follows:

Presentation Type: e-poster (Abstract: 6639)
Title: SRF617, a potent enzymatic inhibitor of CD39, demonstrates single-agent activity and cooperates with various cancer therapies in both solid tumor and hematologic malignancies
Lead Author: Austin Dulak, Ph.D.
Date and Time: Monday, June 22nd, 9:00 a.m. EDT

Summary:

- SRF617 is a potent inhibitor of CD39 enzymatic activity both *in vitro* and *in vivo*.
- Inhibition of CD39 potentiates the activity of chemotherapy and immunotherapy agents to improve tumor growth inhibition and survival in mice.
- Differential CD39 expression patterns across tumor types inform clinical indication selection
- These findings support future clinical studies of SRF617 as monotherapy and in combination with other therapeutic agents in treating patients with cancer.

Presentation Type: e-poster (Abstract: 4550)
Title: Increased IL-27 is associated with poor prognosis in renal cell carcinoma and supports use of SRF388, a first-in-class IL-27p28 blocking antibody, to counteract IL-27-mediated immunosuppression in this setting
Lead Author: Matthew Rausch, Ph.D.
Date and Time: Monday, June 22nd, 9:00 a.m. EDT

Summary:

- IL-27 is a heterodimeric cytokine consisting of 2 subunits (IL-27p28 and Epstein-Barr virus induced gene 3 (EBI3)) that limits the intensity and duration of T cell-mediated immunity.
- High levels of IL-27p28, EBI3, and IL27RA transcript levels are often elevated in renal cell carcinoma (RCC) tumors and are associated with poor clinical outcome.
- SRF388 inhibits IL-27 signaling, diminishes inhibitory receptor expression and increases cytokine production. This pro-inflammatory response is enhanced when combined with PD-1 blockade.
- Data from these studies indicate that blockade of IL-27 can potentiate anti-tumor responses by counteracting IL-27-mediated immune escape.

Presentation Type: e-poster (Abstract: 4548)
Title: SRF813, a fully human monoclonal antibody targeting the inhibitory receptor CD112R, enhances immune cell activation and anti-CD112R treatment in vivo demonstrates preclinical anti-tumor activity
Lead Author: Jim Mohan, Ph.D.
Date and Time: Monday, June 22nd, 9:00 a.m. EDT

Summary:

- SRF813 inhibits the CD112-CD112R interaction and enhances NK cell activation.
- CD112R inhibition in mouse tumor models reduced tumor growth and increased tumor-infiltrating lymphocyte activation.
- The combination of anti-CD112R with PD-1 blockade leads to greater tumor growth inhibition than either treatment alone.
- These preclinical data demonstrate that CD112R is a negative regulator of immune responses and that CD112R inhibition can potentiate anti-tumor responses in cancers that express CD112.

Presentation Type: e-poster (Abstract: 2196)
Title: SRF231, a fully human CD47 antibody, potentiates the effects of opsonizing antibodies and cytotoxic chemotherapies in preclinical cancer models
Lead Author: Marisa O. Peluso
Date and Time: Monday, June 22nd, 9:00 a.m. EDT

Summary:

- SRF231 demonstrates anti-tumor activity as a monotherapy in multiple myeloma (MM) and non-small cell lung cancer (NSCLC) models.
- SRF231 potentiates the effects of opsonizing antibodies (elotuzumab and daratumumab) in preclinical MM xenograft models.
- SRF231 potentiates the effects of taxane and platinum-based standard of care chemotherapies in preclinical NSCLC xenograft models.

Presentation Type: e-poster (Abstract: 4515)
Title: The anti-CD47 antibody SRF231 increases anti-tumor activity of standard of care chemotherapy in platinum-resistant PDX models of ovarian cancer
Lead Author: Joyce Fu Liu, M.D.
Date and Time: Monday, June 22nd, 9:00 a.m. EDT

Summary:

- Anti-CD47 directed therapy with SRF231 demonstrates the ability to significantly increase the anti-tumor activity of standard chemotherapies in xenograft and platinum-resistant patient-derived xenograft (PDX) models of ovarian cancer.

In 2018, Surface Oncology deprioritized the SRF231 clinical program and is concluding its Phase 1 study.

About Surface Oncology:
Surface Oncology is an immuno-oncology company developing next-generation antibody therapies focused on the tumor microenvironment. Its pipeline includes two wholly-owned lead programs targeting CD39 (SRF617) and IL-27 (SRF388), a clinical-stage collaboration with Novartis targeting CD73 (NZV930), and two preclinical programs, each focused primarily on activating natural killer cells (via targeting CD112R) or depleting regulatory T cells (via targeting CCR8). Surface's novel cancer immunotherapies are designed to achieve a clinically meaningful and sustained anti-tumor response and may be used alone or in combination with other therapies. For more information, please visit www.surfaceoncology.com.

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