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 7, 2022

APTOSE BIOSCIENCES INC.

(Exact name of registrant as specified in its charter)

Canada	**001-32001**	**98-1136802**
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)

251 Consumers Road, Suite 1105
Toronto, Ontario M2J 4R3
(Address of Principal Executive Offices) (Zip Code)

(647) 479-9828
(Registrant's telephone number, including area code)

(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:

☐ 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 Shares, no par value	APTO	Nasdaq Capital 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 December 7, 2022, the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

In accordance with General Instruction B.2 of Form 8-K, the information in the press release attached as Exhibit 99.1 hereto shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

Exhibit 99.1 Press release dated December 7, 2022
Exhibit 104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURE

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.

Aptose Biosciences Inc.

Date: December 7, 2022

By: /s/ William G. Rice, Ph.D.
William G. Rice, Ph.D.
Chairman, President, and Chief Executive Officer

EXHIBIT 99.1

Aptose to Hold Clinical Update and Data Review of AML Drug Tuspetinib on Sunday, December 11th

Data to be presented in poster at ASH Annual Meeting

SAN DIEGO and TORONTO, Dec. 07, 2022 (GLOBE NEWSWIRE) -- Aptose Biosciences Inc. ("Aptose" or the "Company") (NASDAQ: APTO, TSX: APS), a clinical-stage precision oncology company developing highly differentiated oral kinase inhibitors to treat hematologic malignancies, today announced that the company's management team will provide a corporate update on Sunday, December 11, 2022, at 10:00 AM EST / 9:00 CST, in conjunction with poster presentations at the 64th American Society of Hematology (ASH) Annual Meeting and Exposition, being held in New Orleans, LA. The webcast event will include a comprehensive review of current clinical data for Aptose's lead compound tuspetinib, formerly HM43239, a myeloid kinase inhibitor, as well as an update on luxeptinib, Aptose's oral, dual lymphoid and myeloid kinase inhibitor.

Tuspetinib, administered as a once-daily oral tablet, is a precision targeted kinase inhibitor designed to suppress a select handful of kinases known to drive the proliferation of acute myeloid leukemia (AML) but avoids other kinases that can compromise safety. The data review will highlight results from the recently completed Phase 1/2 dose escalation clinical trial of tuspetinib.

Aptose Clinical Update Details

Date & Time: Sunday, Dec 11, 2022, 10:00 AM EST; 9:00 AM CST

Participant Webcast Link: Link

Participant Dial-in:

Toll Free Investors Dial: 1-877-407-9039

Toll/International Investors Dial: 1-201-689-8470

Conference ID: 13734698

The slides will be available on Aptose's website here and the webcast of the presentation will be archived shortly after the conclusion of the event.

As announced prior, the Aptose poster presentations at ASH are listed below. Note that the poster presentations will include additional data not found in the previously published abstracts.

Poster Presentation Details

Publication Number 2758: *A Phase 1/2 Dose Escalation Study of the Myeloid Kinase Inhibitor HM43239 in Patients with Relapsed or Refractory Acute Myeloid Leukemia*
Session Name: 616. Acute Myeloid Leukemias: Investigational Therapies, Excluding Transplantation and Cellular Immunotherapies: Poster II
Session Date & Time: Sunday, December 11, 2022, 6:00 – 8:00 PM ET
Location: Ernest N. Morial Convention Center, Hall D

Publication Number 2767: *A Phase 1a/b Dose Escalation Study of the FLT3/BTK Inhibitor Luxeptinib (CG-806) in Patients with Relapsed or Refractory Acute Myeloid Leukemia*
Session Name: 616. Acute Myeloid Leukemias: Investigational Therapies, Excluding Transplantation and Cellular Immunotherapies: Poster II
Session Date & Time: Sunday, December 11, 2022, 6:00 – 8:00 PM ET
Location: Ernest N. Morial Convention Center, Hall D

Publication Number 2893: *A Phase 1a/b Dose Escalation Study of the BTK/FLT3 Inhibitor Luxeptinib in Patients with Relapsed or Refractory B-Cell Malignancies*
Session Name: 623. Mantle Cell, Follicular, and Other Indolent B Cell Lymphomas: Clinical and Epidemiological: Poster II
Session Date & Time: Sunday, December 11, 2022, 6:00 – 8:00 PM ET
Location: Ernest N. Morial Convention Center, Hall D

About Aptose

Aptose Biosciences is a clinical-stage biotechnology company committed to developing precision medicines addressing unmet medical needs in oncology, with an initial focus on hematology. The Company's small molecule cancer therapeutics pipeline includes products designed to provide single agent efficacy and to enhance the efficacy of other anti-cancer therapies and regimens without overlapping toxicities. The Company has two clinical-stage oral kinase inhibitors under development for hematologic malignancies: tuspetinib (formerly HM43239), an oral, myeloid kinase inhibitor in an international Phase 1/2 trial in patients with relapsed or refractory acute myeloid leukemia (AML); and luxeptinib, an oral, dual lymphoid and myeloid kinase inhibitor in Phase 1 a/b stage development for the treatment of patients with relapsed or refractory hematologic malignancies. For more information, please visit www.aptose.com.

For further information, please contact:

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