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 6, 2024

APTOSE BIOSCIENCES INC.

(Exact name of registrant as specified in its charter)

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

251 Consumers Road, Suite 1105 Toronto, Ontario M2J 4R3 Canada

(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 \Box

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 6, 2024, 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.

- 99.1 Press Release dated May 6, 2024
- 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: May 6, 2024

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

Aptose to Report First Quarter 2024 Financial Results and Provide Clinical Strategy Update on Tuesday, May 14, 2024

SAN DIEGO and TORONTO, May 06, 2024 (GLOBE NEWSWIRE) -- Aptose Biosciences Inc. (Nasdaq: APTO; TSX: APS), a clinical-stage precision oncology company developing highly differentiated oral targeted agents to treat hematologic malignancies, will report financial results for the first quarter ended March 31, 2024, on Tuesday, May 14, 2024, after the close of the market, and provide a corporate update. In addition, Rafael Bejar, MD, PhD, the Company's Chief Medical Officer and resident Key Opinion Leader, will review a selection of slides and discuss the clinical strategy for advancing the Company's lead asset tuspetinib (TUS) in a TUS+VEN+HMA triplet drug combination for the frontline treatment of newly diagnosed AML patients.

Conference Call & Webcast:

Date: Time: Webcast Only (will include slides): Q&A Participant Registration Link*: (https://register.vevent.com/register/BIebf7d306b67a4388b6a8d9cc63464f80) Tuesday, May 14, 2024 5:00 PM ET link (https://edge.media-server.com/mmc/p/bm3d3k5a/) link

*Analysts interested in participating in the question-and-answer session will pre-register for the event from the participant registration link above to receive the dial-in numbers and a unique PIN, which are required to access the live conference call. They also will have the option to take advantage of a Call Me button and the system will automatically dial out to connect to the Q&A session.

The webcast also can be accessed through a link on the Investor Relations section of the Aptose website here. A replay of the webcast will be available on the company's website for 30 days.

The press release, the financial statements and the management's discussion and analysis for the quarter ended March 31, 2024 will be available on SEDAR at www.sedar.com and EDGAR at www.sec.gov/edgar.shtml.

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, an oral, kinase inhibitor that has demonstrated activity as a monotherapy and in combination therapy in patients with relapsed or refractory acute myeloid leukemia (AML) and is being developed as a frontline triplet therapy in newly diagnosed AML; and luxeptinib (CG-806), 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 <u>www.aptose.com</u>.

For further information, please contact:

Aptose Biosciences Inc. Susan Pietropaolo Corporate Communications & Investor Relations 201-923-2049 spietropaolo@aptose.com LifeSci Advisors, LLC Dan Ferry, Managing Director 617-430-7576 Daniel@LifeSciAdvisors.com