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): March 16, 2021

Aptose Biosciences Inc.
(Exact Name of Registrant as Specified in Charter)

Canada	**001-32001**	**98-1136802**
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification Number)

251 Consumers Road, Suite 1105, Toronto, Ontario, Canada 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	The Nasdaq Stock Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2). Emerging growth company [X]

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. [X]

Item 7.01. Regulation FD Disclosure.

On March 16, 2021, 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 March 16, 2021

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: March 16, 2021

By: /s/ Gregory K. Chow
Gregory K. Chow
Senior Vice President and Chief Financial Officer

EXHIBIT 99.1

Aptose Expands Senior Leadership Team

George Melko, Pharm.D. joins as Vice President, Regulatory Affairs

Robert Killion, Ph.D. appointed Vice President, CMC

SAN DIEGO and TORONTO, March 16, 2021 (GLOBE NEWSWIRE) -- Aptose Biosciences Inc. (Nasdaq: APTO; TSX: APS), a clinical stage company developing highly differentiated therapeutics that target the underlying mechanisms of cancer, today announced the appointment of two key members to its management team to support the company's expanding clinical CMC and regulatory functions: George P. Melko, Pharm.D., joins Aptose as Vice President, Regulatory Affairs; and Robert B. Killion Jr., Ph.D. has been named Vice President, CMC.

Dr. Melko brings more than 20 years of senior regulatory experience to Aptose, with a strong focus on oncology. Most recently he served as Vice President of Regulatory Affairs for biotechnology companies Tmunity Therapeutics and Tessa Therapeutics, which included developing regulatory strategy operations, policy and procedure design, serving as an FDA liaison and document preparation/submission. Prior, he held senior regulatory positions with Incyte Corporation, where he oversaw the preparation and submission of Investigational New Drug (IND), European Medicines Agency (EMA), and FDA applications, led NDA preparations, as well as managed a collaboration with Merck on a combination therapy. A decade of regulatory experience at large pharmaceutical companies AstraZeneca Pharmaceuticals and Rhône-Poulenc Rorer (now Sanofi) further contributes to his extensive knowledge of drug development, medical and regulatory affairs in pharmaceutical and biotechnology companies in the United States and Europe.

Dr. Killion has been named to the newly established position of Vice President of Chemistry, Manufacture and Control (CMC) after having joined Aptose in 2020 as Senior Director, CMC. In this role, he assumes oversight of manufacturing, quality control and formulation development for CG-806 and APTO-253. Dr. Killion's more than 20 years of CMC experience span roles in Relypsa, Gilead, Genentech, Roche and Syntex, and include responsibilities in developing, validating, and implementing quality control processes for clinical stage and commercial programs, oversight of stability management for commercial drug products and pharmaceutical ingredients, as well as responsibility for solid and liquid oral dosage formulation development.

"George and Rob bring to Aptose quality leadership, an extensive knowledge base and broad expertise across all aspects of regulatory affairs and CMC practices," said William G. Rice, Ph.D., Chairman, President and Chief Executive Officer. "The company continues to attract the talent required to expand our clinical development and advance our Phase 1 hematology candidates CG-806 and APTO-253. We are delighted to have these talented individuals join our team."

About Aptose

Aptose Biosciences is a clinical-stage biotechnology company committed to developing personalized therapies 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 investigational products for hematologic malignancies: CG-806, an oral, first-in-class mutation-agnostic FLT3/BTK kinase inhibitor, is in a Phase 1 trial in patients with relapsed or refractory B cell malignancies, including chronic lymphocytic leukemia (CLL), small lymphocytic lymphoma (SLL) and non-Hodgkin lymphoma (NHL), who have failed or are intolerant to standard therapies, and is in a separate Phase 1 trial in patients with relapsed or refractory acute myeloid leukemia (AML); APTO-253, the only clinical-stage agent that directly targets the MYC oncogene and suppresses its expression, is in a Phase 1b clinical trial for the treatment of patients with relapsed or refractory AML or high risk myelodysplastic syndrome (MDS).

For further information, please contact:

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