

(Print or Type Responses)

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL					
OMB Number:	3235-0104				
Estimated average burden					
nours per respons	e 0.5				

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person - Whitehead Warren	Statemen	Statement (Month/Day/Year) - 12/21/2018		Aptose Biosciences Inc. [APTO]						
(Last) (First) (Mid C/O APTOSE BIOSCIENCES INC CONSUMERS ROAD, SUITE 110	dle) C., 251	.018	Iss	uer	of Reporting Person c all applicable) 10% Owne		5. If Amend Filed(Month/I	lment, Date Original Day/Year)		
(Street)			belo	Officer (give ti			Applicable Line			
TORONTO, A6 M2J 4R3								_X_Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City) (State) (Zi	ip)		Table I - N	lon-Deriva	tive Securities		neficially Owned			
1.Title of Security (Instr. 4)			ount of Securit cially Owned 4)	ties	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Natur (Instr. 5		Beneficial Ownership		
Common Shares		50,00	0		D					
unless the for	respond to the community of the communit	ollection of in rently valid O	formation combon formation combon combon control owned (e.g., property)	ontained in number. uts, calls, war	rants, options, co	nvertibl	e securities)			
Title of Derivative Security (Instr. 4)	2. Date Exercisal Expiration Date (Month/Day/Year)	ole and	3. Title and A Securities Un Derivative So (Instr. 4)	nderlying	or Exercise Price of Derivative	xercise Form of Beneficial Ownership e of Derivative Security: Beneficial Ownership (Instr. 5)		r Exercise Form of Derivative Security: Beneficial Owner (Instr. 5)		Beneficial Ownership
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Ind	Direct (D) or Indirect (I) (Instr. 5)			
Director Stock Option (Right to Buy)	11/29/2011(1)	11/29/2021	Common Shares	1,250	\$ 1.93 (3)		D			
Director Stock Option (Right to Buy)	03/09/2012(1)	03/09/2022	Common Shares	500	\$ 1.62 ⁽⁴⁾		D			
Director Stock Option (Right to Buy)	08/02/2012(1)	08/02/2022	Common Shares	1,250	\$ 4.27 (5)		D			
Director Stock Option (Right to Buy)	04/10/2014(1)	04/10/2024	Common Shares	2,500	\$ 4.49 (6)		D			
Director Stock Option (Right to Buy)	01/16/2015(1)	01/16/2025	Common Shares	22,000	\$ 5.07 (7)		D			
Director Stock Option (Right to Buy)	03/31/2016(2)	03/31/2026	Common Shares	10,000	\$ 2.86 (8)		D			
Director Stock Option (Right to Buy)	03/28/2017(2)	03/28/2027	Common Shares	10,000	\$ 1.14 ⁽⁹⁾		D			
Director Stock Option (Right to Buy)	06/06/2017(2)	06/06/2027	Common Shares	5,000	\$ 1.03 (10	1	D			
Director Stock Option (Right to Buy)	01/19/2018	01/19/2028	Common Shares	60,000	\$ 2.64 (11)	D			

Reporting Owners

	Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other	

Whitehead Warren C/O APTOSE BIOSCIENCES INC. 251 CONSUMERS ROAD, SUITE 1105 TORONTO, A6 M2J 4R3	X		
--	---	--	--

Signatures

/s/ Janet Clennett, as attorney-in-fact for Warren Whitehead	12/21/2018	
**Signature of Reporting Person	Date	

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents date of grant; options are 100% vested as of December 31, 2018.
- (2) Represents date of grant; options vest as follows: 50% on first anniversary following date of grant; 25% on second anniversary following date of grant; and 25% on third anniversary following date of grants.
- (3) Converted from the Canadian exercise price of \$2.58 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (4) Converted from the Canadian exercise price of \$2.16 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (5) Converted from the Canadian exercise price of \$5.70 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (6) Converted from the Canadian exercise price of \$6.00 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (7) Converted from the Canadian exercise price of \$6.77 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (8) Converted from the Canadian exercise price of \$3.82 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (9) Converted from the Canadian exercise price of \$1.52 using a conversion rate of Cdn\$1.3354 = US\$1.00.
- (10) Converted from the Canadian exercise price of 1.38 using a conversion rate of Cdn1.3354 = US1.00.
- (11) Converted from the Canadian exercise price of \$3.52 using a conversion rate of Cdn\$1.3354 = US\$1.00.

Remarks:

Exhibit 24.1: Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints Janet Clennett and Gregory Chow as the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or 10% shareholder of Aptose Biosciences Inc. (the "Company"), Forms 3, 4 and 5 (including amendments thereto) in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations thereunder and any Form ID, Uniform Application for Access Codes to File on Edgar, or Update Passphrase Form;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Forms 3, 4 or 5, Form ID or Update Passphrase Form and timely file such forms (including amendments thereto) and application with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

The undersigned agrees that each such attorney-in-fact herein may rely entirely on information furnished orally or in writing by the undersigned to such attorney-in-fact. The undersigned also agrees to indemnify and hold harmless the Company and each such attorney-in-fact against any losses, claims, damages or liabilities (or actions in these respects) that arise out of or are based upon any untrue statements or omission of necessary facts in the information provided by the undersigned to such attorney-in fact for purposes of executing, acknowledging, delivering or filing Forms 3, 4 or 5 (including amendments thereto), Form ID or Update Passphrase Form and agrees to reimburse the Company and such attorney-in-fact for any legal or other expenses reasonably incurred in connection with investigating or defending against any such loss, claim, damage, liability or action.

This Power of Attorney supersedes any power of attorney previously executed by the undersigned regarding the purposes outlined in the first paragraph hereof ("*Prior Powers of Attorney*"), and the authority of the attorneys-in-fact named in any Prior Powers of Attorney is hereby revoked.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 or 5 with respect to the undersigned's holdings of and transactions in securities issued by

the Company, unless earlier (a) revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or (b) superseded by a new power of attorney regarding the purposes outlined in the first paragraph hereof dated as of a later date.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 5h day of December, 2018.

/s/ Warren Whitehead Warren Whitehead