FORM 4

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

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 Vincent Mark D.				2. Issuer Name and Ticker or Trading Symbol Aptose Biosciences Inc. [APTO]					:	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% Owner						
(Last) (First) (Middle) C/O APTOSE BIOSCIENCES INC., 251 CONSUMERS ROAD, SUITE 1105				3. Date of Earliest Transaction (Month/Day/Year) 01/02/2019						-	Office	(give title below	v)	Other ((specify below)	
TORONTO, A6 M2J 4R3				4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) X_Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City) (State) (Zip)				Table I - Non-Derivative Securities Acqu						es Acquii	lired, Disposed of, or Beneficially Owned					
(Instr. 3) Date		2. Transaction Date (Month/Day/Year)	Executi any	A. Deemed Execution Date, any Month/Day/Yea		Transa de str. 8)	(/	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Owned Followin Transaction(s)		ecurities Beneficially ing Reported		wnership of orm: Be	7. Nature of Indirect Beneficial Ownership	
				(Month	/Day/10		Code	VA	mount (A) or		(Instr. 3 and 4)			or (I)	Direct (D) Ownership or Indirect (I) (Instr. 4)	
Reminder:	Report on a								s who respo						d SEC 14	74 (9-02)
Reminder:	Report on a s		Table II -					in this f display red, Dispo	orm are not s a currently sed of, or Ber	required valid Of eficially (I to respo	nd unless	the fo		d SEC 14	74 (9-02)
1. Title of	•	3. Transaction Date	3A. Deemed Execution Date, if	4. Transac Code	ts, calls, 5. 1 tion of 1 Sec or 1 of (warra Number Derivat urities quired Dispose D) str. 3, 4	r 6. ive Ex (M	in this f display red, Dispo ptions, co	orm are not s a currently used of, or Ben nvertible secuncisable and Date	required valid Of eficially (rities) 7. Title of Under Securities	Owned and Amo	ond unless ol number ant 8. Price	of 9.1 ive Des Sec Ow Fol Re		10. Ownership Form of Derivative Security: Direct (D) or Indirect	11. Naturof Indire
1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	3A. Deemed Execution Date, if any	4. Transac Code	ts, calls, 5. 1 Sec Acc or 1 of ((In: anc	Warra Number Derivat urities quired (Dispose D) str. 3, 4	nts, op r 6. ive Ex (N (A)	in this f display red, Dispo ptions, co Date Exe xpiration	orm are not s a currently seed of, or Bernvertible securcisable and Date //Year)	required valid Of eficially (rities) 7. Title of Under Securities	Owned and Amoerlying ies	ant 8. Price Derivat Securit (Instr. 5	of 9.1 ive De Sec Ow Fol Rep Tra	Number of crivative scurities eneficially wned ollowing eported	10. Ownership Form of Derivative Security: Direct (D) or Indirect	11. Natu of Indire Benefici Ownersh

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Vincent Mark D. C/O APTOSE BIOSCIENCES INC. 251 CONSUMERS ROAD, SUITE 1105 TORONTO, A6 M2J 4R3	X					

Signatures

/s/ Janet Clennett, as attorney-in-fact for Mark D. Vincent	01/03/2019
**Signature of Reporting Person	Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) The exercise price reported above was converted from the Canadian exercise price of \$2.60 using an exchange rate of 1.3600.

(2) The options vest fully on the first anniversary of the grant.

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.