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

OMB APPROVAL

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# **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934** 

(Amendment No. 1)*	
Aptose Biosciences Inc.	
(Name of Issuer)	
Common Shares	
(Title of Class of Securities)	
03835T101	
(CUSIP Number)	
December 31, 2015	
(Date of Event which Requires Filing of this Statement)	
[] Rule 13d-1(b)  [x] Rule 13d-1(c)  [] Rule 13d-1(d)	
* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, ar subsequent amendment containing information which would alter the disclosures provided in a prior cover page.	d for any

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1 Nan	nes of Reporting Persons.
I.R.	S. Identification Nos. of above persons (entities only)
Cor	morant Global Healthcare Master Fund, LP
2 Che	ck the Appropriate Box if a Member of a Group (See Instructions)
(a)	
(b)	[x]
3 SEC	C Use Only
4 Citi	zenship or Place of Organization.
Cay	man Islands
	5 Sole Voting Power
	0 shares
	6 Shared Voting Power
Number of Shares	1,081,867 shares
Beneficially	Refer to Item 4 below.
Owned by Each	7 Sole Dispositive Power
Reporting Person With	0 shares
	8 Shared Dispositive Power
	1,081,867 shares
1	Refer to Item 4 below.
9 Agg	gregate Amount Beneficially Owned by Each Reporting Person
1,08	21,867 shares
Ret	fer to Item 4 below.
10 Che	ck if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []N/A
11 Perc	cent of Class Represented by Amount in Row (9)*
9.3%	6
Refe	er to Item 4 below.
	e of Reporting Person (See Instructions)
PN	(Partnership)

	es of Reporting Persons.
I.R.S	d. Identification Nos. of above persons (entities only)
Corn	norant Global Healthcare GP, LLC
2 Chec	ek the Appropriate Box if a Member of a Group (See Instructions)
(a)	
(b)	[x]
3 SEC	Use Only
4 Citiz	enship or Place of Organization.
Dela	ware
	5 Sole Voting Power
	0 shares
	6 Shared Voting Power
Number of Shares	1,081,867 shares
Beneficially Owned by	Refer to Item 4 below.
Owned by Each Reporting Person With	7 Sole Dispositive Power
	0 shares
	8 Shared Dispositive Power
	1,081,867 shares
-	Refer to Item 4 below.
9 Aggr	regate Amount Beneficially Owned by Each Reporting Person
1,08	1,867 shares
Refe	er to Item 4 below.
10 Chec	k if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []N/A
11 Perce	ent of Class Represented by Amount in Row (9)*
9.3%	
Refe	r to Item 4 below.
12 Type	of Reporting Person (See Instructions)
00 (	Limited Liability Company)

1	Name	es of Reporting Persons.
	I.R.S	. Identification Nos. of above persons (entities only)
	Corm	norant Asset Management, LLC
2	Chec	k the Appropriate Box if a Member of a Group (See Instructions)
	(a)	
	(b)	
		Use Only
4	Citize	enship or Place of Organization.
	Delav	ware
		5 Sole Voting Power
		0 shares
		6 Shared Voting Power
Number of Shar		1,081,867 shares
Benefici Owned		Refer to Item 4 below.
Each		7 Sole Dispositive Power
Reporting Person With		0 shares
		8 Shared Dispositive Power
		1,081,867 shares
		Refer to Item 4 below.
9	Aggr	egate Amount Beneficially Owned by Each Reporting Person
	1,081	,867 shares
	Refe	er to Item 4 below.
10	Chec	k if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []N/A
11	Perce	ent of Class Represented by Amount in Row (9)*
9.3	9.3%	
_	Refer	to Item 4 below.
12	Type	of Reporting Person (See Instructions)
	00 (	Limited Liability Company)

	nes of Reporting Persons.
I.R.S	S. Identification Nos. of above persons (entities only)
Bihu	na Chen
	ck the Appropriate Box if a Member of a Group (See Instructions)
(a)	
(b)	
	Use Only
4 Citiz	zenship or Place of Organization.
Unit	ed States
	5 Sole Voting Power
	0 shares
N. 1	6 Shared Voting Power
Number of Shares	1,081,867 shares
Beneficially Owned by	Refer to Item 4 below.
Each	7 Sole Dispositive Power
Reporting Person With	0 shares
	8 Shared Dispositive Power
	1,081,867 shares
	Refer to Item 4 below.
9 Agg	regate Amount Beneficially Owned by Each Reporting Person
1,08	1,867 shares
Ref	er to Item 4 below.
10 Chec	ck if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []N/A
11 Perc	ent of Class Represented by Amount in Row (9)*
9.3%	6
Refe	er to Item 4 below.
12 Type	e of Reporting Person (See Instructions)
IN (	Individual)

#### Item 1.

(a) Name of Issuer

Aptose Biosciences Inc.

(b) Address of Issuer's Principal Executive Offices

2 Meridian Road

Toronto, Ontario M9W 4Z7

### Item 2.

(a) Name of Person Filing

Cormorant Global Healthcare Master Fund, LP Cormorant Global Healthcare GP, LLC Cormorant Asset Management, LLC Bihua Chen

(b) Address of Principal Business Office or, if none, Residence

200 Clarendon Street, 52nd Floor Boston, MA 02116

(c) Citizenship

Cormorant Global Healthcare Master Fund, LP - Cayman Islands Cormorant Global Healthcare GP, LLC - Delaware Cormorant Asset Management, LLC - Delaware Bihua Chen - United States

(d) Title of Class of Securities

Common Shares

(e) CUSIP Number 03835T101

#### Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). (a) [] (b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance Company as defined in Section 3(a)(19) of the Act (c) [] (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). [] An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); (e) (f) [] An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); (g) [] (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3); (j) [] A non-U.S. institution in accordance with §240.13d–1(b)(1)(ii)(J); Group, in accordance with §240.13d-1(b)(1)(ii)(K). (k) [] Item 4. Ownership\*\*\* Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1. Amount Beneficially Owned\*\*\* (a) Cormorant Global Healthcare Master Fund, LP - 1,081,867 shares Cormorant Global Healthcare GP, LLC - 1,081,867 shares Cormorant Asset Management, LLC - 1,081,867 shares Bihua Chen - 1,081,867 shares (b) Percent of Class Cormorant Global Healthcare Master Fund, LP - 9.3% Cormorant Global Healthcare GP, LLC - 9.3% Cormorant Asset Management, LLC - 9.3% Bihua Chen - 9.3% (c) Number of shares as to which such person has: (i) sole power to vote or to direct the vote

Cormorant Global Healthcare Master Fund, LP - 0 shares Cormorant Global Healthcare GP, LLC - 0 shares Cormorant Asset Management, LLC - 0 shares Bihua Chen - 0 shares

(ii) shared power to vote or to direct the vote

Cormorant Global Healthcare Master Fund, LP - 1,081,867 shares Cormorant Global Healthcare GP, LLC - 1,081,867 shares Cormorant Asset Management, LLC - 1,081,867 shares Bihua Chen - 1,081,867 shares

(iii) sole power to dispose or to direct the disposition of

Cormorant Global Healthcare Master Fund, LP - 0 shares Cormorant Global Healthcare GP, LLC - 0 shares Cormorant Asset Management, LLC - 0 shares Bihua Chen - 0 shares

(iv) shared power to dispose or to direct the disposition of

Cormorant Global Healthcare Master Fund, LP - 1,081,867 shares Cormorant Global Healthcare GP, LLC - 1,081,867 shares Cormorant Asset Management, LLC - 1,081,867 shares Bihua Chen - 1,081,867 shares

<sup>\*\*\*</sup> Shares reported herein are held by Cormorant Global Healthcare Master Fund, LP for which Cormorant Global Healthcare GP, LLC serves as the general partner and Cormorant Asset Management, LLC serves as the investment manager. Bihua Chen serves as the managing member of Cormorant Global Healthcare GP, LLC and Cormorant Asset Management, LLC. Each of the Reporting Persons disclaims beneficial ownership of the shares reported herein except to the extent of its or his pecuniary interest therein. Percentage calculations herein are based upon there being 11,652,069 issued and outstanding Common Shares of the Issuer as of January 27, 2015.

### Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [ ].

### Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

# Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Not applicable.

### Item 8. Identification and Classification of Members of the Group

Not applicable.

### Item 9. Notice of Dissolution of Group

Not applicable.

### Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

### Exhibits Exhibit

1

Joint Filing Agreement by and among the Reporting Persons, incorporated by reference to Exhibit 1 to the Schedule 13G filed by the Reporting Persons with the Securities and Exchange Commission on April 14, 2014.

### **SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

February 16, 2016

CORMORANT GLOBAL HEALTHCARE MASTER FUND, LP

By: Cormorant Global Healthcare GP, LLC

its General Partner

By: /s/ Bihua Chen

Bihua Chen, Managing Member

CORMORANT GLOBAL HEALTHCARE GP, LLC

By: /s/ Bihua Chen

Bihua Chen, Managing Member

CORMORANT ASSET MANAGEMENT, LLC

By: /s/ Bihua Chen

Bihua Chen, Managing Member

/s/ Bihua Chen Bihua Chen