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

# **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934** 

	(Amendment No. 1)	1)*	
	AVROBIO, Inc.		
	(Name of Issuer)		
	Common Stock		
	(Title of Class of Securi	rities)	
	05455M100		
	(CUSIP Number)	)	
	December 31, 2018		
	(Date of Event which Requires Filing	g of this Statement)	
	the appropriate box to designate the rule pursuant to which this Schedule is filed:	:	
[]	Rule 13d-1(b)		
[x]	Rule 13d-1(c)		
[]	Rule 13d-1(d)		

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).

<sup>\*</sup> 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, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

1	I.R.S. Identifi	porting Persons. ication Nos. of above persons (entities only) lobal Healthcare Master Fund, LP	
2	(a) []	opropriate Box if a Member of a Group (See Instructions)	
	(b) [x]		
3	SEC Use Onl		
4	Citizenship o	r Place of Organization.	
		5 Sole Voting Power 0 shares	
	Number of Shares Beneficially Owned by Each Reporting Person With	6 Shared Voting Power 243,451 shares Refer to Item 4 below.	
		7 Sole Dispositive Power 0 shares	
		8 Shared Dispositive Power 243,451 shares	
		Refer to Item 4 below.	
9	Aggregate Amount Beneficially Owned by Each Reporting Person  243,451 shares  Refer to Item 4 below.		
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  [] N/A		
11	Percent of Class Represented by Amount in Row (9)*  1.02%  Refer to Item 4 below.		
12		orting Person (See Instructions)	
	PN (Partnersh	nip)	

1	I.R.S. Identifi	porting Persons. ication Nos. of above persons (entities only) lobal Healthcare GP, LLC	
2	(a) []	propriate Box if a Member of a Group (See Instructions)	
	(b) [x]		
3	SEC Use Onl	y	
4	Citizenship o	r Place of Organization.	
		5 Sole Voting Power 0 shares	
	Number of Shares Beneficially Owned by Each Reporting Person With	6 Shared Voting Power 243,451 shares Refer to Item 4 below.	
		7 Sole Dispositive Power 0 shares	
		8 Shared Dispositive Power 243,451 shares	
		Refer to Item 4 below.	
9	Aggregate Amount Beneficially Owned by Each Reporting Person  243,451 shares  Refer to Item 4 below.		
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  [ ] N/A		
11	Percent of Class Represented by Amount in Row (9)*  1.02%  Refer to Item 4 below.		
12		rting Person (See Instructions)	
	OO (Limited	Liability Company)	

1	I.R.S. Identif	porting Persons. ication Nos. of above persons (entities only) rivate Healthcare Fund I, LP	
2	Check the Ar	opropriate Box if a Member of a Group (See Instructions)	
_	(a) []	propriate Box if a interior of a Group (See instructions)	
	(b) [x]		
2		L.	
3	SEC Use On		
4	Citizenship o Delaware	r Place of Organization.	
		5 Sole Voting Power	
		0 shares	
		6 Shared Voting Power	
	Number of Shares Beneficially Owned by Each Reporting Person With	1,056,763 shares	
		Refer to Item 4 below.	
		7 Sole Dispositive Power	
		0 shares	
		8 Shared Dispositive Power	
		1,056,763 shares	
		Refer to Item 4 below.	
9	Aggregate A	mount Beneficially Owned by Each Reporting Person	
	1,056,763 sh	ares	
	Refer to Iter	n 4 below.	
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) [ ] N/A		
11	Percent of Cl	ass Represented by Amount in Row (9)*	
	4.41%		
	Refer to Item	4 below.	
12	Type of Repo	orting Person (See Instructions)	
	PN (Partners	hip)	

1	I.R.S. Identifi	porting Persons.  cation Nos. of above persons (entities only)
	Cormorant Pr	ivate Healthcare GP, LLC
2	Check the Ap	propriate Box if a Member of a Group (See Instructions)
	(b) [x]	
3	SEC Use Onl	y
4 Citizenship or Place of Organization.  Delaware		r Place of Organization.
		5 Sole Voting Power 0 shares
	Number of Shares Beneficially Owned by Each Reporting Person With	6 Shared Voting Power  1,056,763 shares  Refer to Item 4 below.
		7 Sole Dispositive Power 0 shares
		8 Shared Dispositive Power  1,056,763 shares  Refer to Item 4 below.
9	Aggregate Amount Beneficially Owned by Each Reporting Person  1,056,763 shares  Refer to Item 4 below.	
10		Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
11	Percent of Class Represented by Amount in Row (9)* 4.41%	
12	Refer to Item	
12		rting Person (See Instructions)  Liability Company)
	CO (Emmed	

1	I.R.S. Identif	porting Persons. ication Nos. of above persons (entities only) sset Management, LP	
2	(a) []	opropriate Box if a Member of a Group (See Instructions)	
	(b) [x]		
3	SEC Use Onl		
4	Citizenship o Delaware	r Place of Organization.	
		5 Sole Voting Power 0 shares	
	Number of Shares Beneficially Owned by Each Reporting Person With	6 Shared Voting Power  1,357,784 shares  Refer to Item 4 below.	
		7 Sole Dispositive Power 0 shares	
		8 Shared Dispositive Power  1,357,784 shares  Refer to Item 4 below.	
9	Aggregate Amount Beneficially Owned by Each Reporting Person  1,357,784 shares  Refer to Item 4 below.		
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  [] N/A		
11	Percent of Class Represented by Amount in Row (9)*  5.67%  Refer to Item 4 below.		
12	Type of Repo	orting Person (See Instructions)	
	PN (Partners	hip)	

1		orting Persons. cation Nos. of above persons (entities only)	
2	Check the App  (a) []  (b) [x]	propriate Box if a Member of a Group (See Instructions)	
3	SEC Use Only		
4	Citizenship or United States	Place of Organization.	
		5 Sole Voting Power 0 shares	
	Number of Shares Beneficially Owned by Each Reporting Person With	6 Shared Voting Power  1,357,784 shares  Refer to Item 4 below.	
		7 Sole Dispositive Power 0 shares	
		8 Shared Dispositive Power  1,357,784 shares  Refer to Item 4 below.	
9	1,357,784 shai	nount Beneficially Owned by Each Reporting Person	
10	Refer to Item 4 below.  Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  [ ] N/A		
11	Percent of Class Represented by Amount in Row (9)*  5.67%  Refer to Item 4 below.		
12		ting Person (See Instructions)	

CUSIP NO.	05455M100

## Item 1.

(a) Name of Issuer

AVROBIO, Inc.

(b) Address of Issuer's Principal Executive Offices

One Kendall Square, Building 300, Suite 201, Cambridge, MA 02139

## Item 2.

(a) Name of Person Filing

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

(d) Title of Class of Securities

Common Stock

(e) CUSIP Number 05455M100

CUSIP NO.	054	55M100	
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:		
(a)	[]	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).	
(b)	[]	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).	
(c)	(c) [ ] Insurance Company as defined in Section 3(a)(19) of the Act		
(d)	(d) [] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).		
(e)	[]	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);	
(f)	[]	An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);	
(g)	[]	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(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);	
(k)	[]	Group, in accordance with §240.13d-1(b)(1)(ii)(K).	
<b>Item 4.</b> Pro	Ownersh	hip*** ollowing information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.	
(a)	Amount Beneficially Owned***		
	Cormorant Global Healthcare Master Fund, LP – 243,451 shares  Cormorant Global Healthcare GP, LLC – 243,451 shares		

Cormorant Global Healthcare Master Fund, LP – 243,451 shares Cormorant Global Healthcare GP, LLC – 243,451 shares Cormorant Private Healthcare Fund I, LP – 1,056,763 shares Cormorant Private Healthcare GP, LLC – 1,056,763 shares Cormorant Asset Management, LP – 1,357,784 shares Bihua Chen – 1,357,784 shares

(b) Percent of Class

Cormorant Global Healthcare Master Fund, LP -1.02% Cormorant Global Healthcare GP, LLC -1.02% Cormorant Private Healthcare Fund I, LP -4.41% Cormorant Private Healthcare GP, LLC -4.41% Cormorant Asset Management, LP -5.67% Bihua Chen -5.67%

- (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 Private Healthcare Fund I, LP - 0 shares Cormorant Private Healthcare GP, LLC - 0 shares Cormorant Asset Management, LP - 0 shares Bihua Chen - 0 shares

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

Cormorant Global Healthcare Master Fund, LP - 243,451 shares Cormorant Global Healthcare GP, LLC - 243,451 shares Cormorant Private Healthcare Fund I, LP - 1,056,763 shares Cormorant Private Healthcare GP, LLC - 1,056,763 shares Cormorant Asset Management, LP - 1,357,784 shares Bihua Chen - 1,357,784 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 Private Healthcare Fund I, LP -0 shares Cormorant Private Healthcare GP, LLC -0 shares Cormorant Asset Management, LP -0 shares Bihua Chen -0 shares

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

Cormorant Global Healthcare Master Fund, LP-243,451 shares Cormorant Global Healthcare GP, LLC-243,451 shares Cormorant Private Healthcare Fund I, LP-1,056,763 shares Cormorant Private Healthcare GP, LLC-1,056,763 shares Cormorant Asset Management, LP-1,357,784 shares Bihua Chen -1,357,784 shares

\*\*\* Shares reported herein for Cormorant Asset Management, LP represent shares which are beneficially Cormorant Global Healthcare Master Fund, LP (the "Master Fund") and Cormorant Private Healthcare Fund I, LP ("Fund I"), as reported herein, and a managed account (the "Account"). Cormorant Global Healthcare GP, LLC and Cormorant Private Healthcare GP, LLC serve as the general partners of the Master Fund and Fund I, respectively. Cormorant Asset Management, LP serves as the investment manager to the Master Fund, Fund I and the Account. Bihua Chen serves as the managing member of Cormorant Global Healthcare GP, LLC, Cormorant Private Healthcare GP, LLC and the general partner of Cormorant Asset Management, LP. Each of the Reporting Persons

#### CUSIP NO. 05455M100

disclaims beneficial ownership of the shares reported herein except to the extent of its or his pecuniary interest therein.

The percentages reported herein are calculated based upon there being 23,955,870 shares of Common Stock issued and outstanding as of November 8, 2018. as reported in the Issuer's Form 10-Q for the quarter ended September 30, 2018 filed with the Securities and Exchange Commission on November 13, 2018.

## 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**

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 July 2, 2018.

CUSIP NO. 05455M100

#### **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 14, 2019

CORMORANT GLOBAL HEALTHCARE MASTER FUND, LP By: Cormorant Global Healthcare GP, LLC

its General Partner

By: <u>/s/ Bihua Chen</u>

Bihua Chen, Managing Member

CORMORANT GLOBAL HEALTHCARE GP, LLC

By: /s/ Bihua Chen

Bihua Chen, Managing Member

CORMORANT PRIVATE HEALTHCARE FUND I, LP

By: Cormorant Global Healthcare GP, LLC

its General Partner

By: /s/ Bihua Chen

Bihua Chen, Managing Member

CORMORANT PRIVATE HEALTHCARE GP, LLC

By: /s/ Bihua Chen

Bihua Chen, Managing Member

CORMORANT ASSET MANAGEMENT, LP

By: Cormorant Asset Management GP, LLC

its General Partner

By: /s/ Bihua Chen

Bihua Chen, Managing Member

/s/ Bihua Chen

Bihua Chen