FATE THERAPEUTICS INC Form SC 13G/A February 14, 2018

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

#### **SCHEDULE 13G/A**

Under the Securities Exchange Act of 1934 (Amendment No. 1)\*

## FATE THERAPEUTICS, INC.

(Name of Issuer)

#### COMMON STOCK

(Title of Class of Securities)

#### 31189P102

(CUSIP Number)

#### **December 31, 2017**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o 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.

#### CUSIP No. 31189P102

1.	Name of Reporting Persons Venrock Associates V, L.P.		
2.	Check the Appropriate Box if a (a) (b)	Member of a Group (See In x(1) 0	nstructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiz Delaware	ation	
N 1 6	5.		Sole Voting Power 0
Number of Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Beneficially 2,473,187(2)	Owned by Each Reporting	Person
10.	Check if the Aggregate Amoun	t in Row (9) Excludes Certa	in Shares (See Instructions) o
11.	Percent of Class Represented by 4.7%(3)	y Amount in Row (9)	
12.	Type of Reporting Person (See PN	Instructions)	

(1) Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

(2) Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

(3) This percentage is calculated based (a) 41,685,695 shares of the Issuer s common stock outstanding as of October 31, 2017 as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017 and (b) 10,953,750 shares of common stock issued pursuant to an underwritten public offering that closed on December 15, 2017.

1.	Name of Reporting Per- Venrock Partners V, L.		
2.	Check the Appropriate (a) (b)	Box if a Member of a $G$ $x(1)$ $O$	roup (See Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of Delaware	Organization	
Name have a C	5.		Sole Voting Power 0
Number of Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
Terson Willi	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Ber 2,473,187(2)	neficially Owned by Each	h Reporting Person
10.	Check if the Aggregate	Amount in Row (9) Exc	cludes Certain Shares (See Instructions) o
11.	Percent of Class Repres 4.7%(3)	sented by Amount in Ro	w (9)
12.	Type of Reporting Pers PN	son (See Instructions)	

<sup>(1)</sup> Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

<sup>(2)</sup> Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

<sup>(3)</sup> This percentage is calculated based (a) 41,685,695 shares of the Issuer s common stock outstanding as of October 31, 2017 as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017 and (b) 10,953,750 shares of common stock issued pursuant to an underwritten public offering that closed on December 15, 2017.

1.	Name of Reporting Pers Venrock Entrepreneurs		
2.	Check the Appropriate I (a) (b)	Box if a Member of a Gr $x(1)$	roup (See Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of O Delaware	Organization	
Nlf	5.		Sole Voting Power 0
Number of Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
Terson with.	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Ben 2,473,187(2)	eficially Owned by Each	n Reporting Person
10.	Check if the Aggregate	Amount in Row (9) Exc	ludes Certain Shares (See Instructions) o
11.	Percent of Class Represe 4.7%(3)	ented by Amount in Rov	v (9)
12.	Type of Reporting Perso PN	on (See Instructions)	

<sup>(1)</sup> Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

<sup>(2)</sup> Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

<sup>(3)</sup> This percentage is calculated based (a) 41,685,695 shares of the Issuer s common stock outstanding as of October 31, 2017 as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017 and (b) 10,953,750 shares of common stock issued pursuant to an underwritten public offering that closed on December 15, 2017.

1.	Name of Reporting Perso Venrock Management V,		
2.		ox if a Member of a Group (S	ee Instructions)
	(a) (b)	x(1) o	
3.	SEC Use Only		
4.	Citizenship or Place of O Delaware	rganization	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Bene 2,473,187(2)	ficially Owned by Each Repor	rting Person
10.	Check if the Aggregate A	Amount in Row (9) Excludes (	Certain Shares (See Instructions) o
11.	Percent of Class Represer 4.7%(3)	nted by Amount in Row (9)	
12.	Type of Reporting Person OO	n (See Instructions)	

<sup>(1)</sup> Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

<sup>(2)</sup> Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

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1.	Name of Reporting Perso Venrock Partners Manag		
2.	Check the Appropriate B	Sox if a Member of a Group (Se	ee Instructions)
	(a)	x(1)	
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of C Delaware	Organization	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Bene 2,473,187(2)	ficially Owned by Each Report	ting Person
10.	Check if the Aggregate A	Amount in Row (9) Excludes C	ertain Shares (See Instructions) o
11.	Percent of Class Represe 4.7%(3)	ented by Amount in Row (9)	
12.	Type of Reporting Perso. OO	n (See Instructions)	

<sup>(1)</sup> Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

<sup>(2)</sup> Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

<sup>(3)</sup> This percentage is calculated based (a) 41,685,695 shares of the Issuer s common stock outstanding as of October 31, 2017 as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017 and (b) 10,953,750 shares of common stock issued pursuant to an underwritten public offering that closed on December 15, 2017.

#### CUSIP No. 31189P102

1.	Name of Reporting Persons VEF Management V, LLC		
2.	Check the Appropriate Box if	a Member of a Group (See I	nstructions)
	(a)	x(1)	
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Organi Delaware	zation	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 2,473,187(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 2,473,187(2)
9.	Aggregate Amount Beneficiall 2,473,187(2)	ly Owned by Each Reporting	g Person
10.	Check if the Aggregate Amoun	nt in Row (9) Excludes Certa	ain Shares (See Instructions) o
11.	Percent of Class Represented by 4.7%(3)	by Amount in Row (9)	
12.	Type of Reporting Person (See OO	e Instructions)	

(1) Venrock Associates V, L.P., Venrock Partners V, L.P. and Venrock Entrepreneurs Fund V, L.P. (collectively, the Venrock Entities ) and the general partner of each Venrock Entity respectively, Venrock Management V, LLC, Venrock Partners Management V, LLC and VEF Management V, LLC (collectively, the Venrock GPs ) are members of a group for purposes of this Schedule 13G/A. The Venrock Entities and the Venrock GPs are collectively referred to herein as the Reporting Persons.

<sup>(2)</sup> Consists of 2,231,558 shares of common stock owned by Venrock Associates V, L.P., 189,198 shares of common stock owned by Venrock Partners V, L.P. and 52,431 shares of common stock owned by Venrock Entrepreneurs Fund V, L.P.

<sup>(3)</sup> This percentage is calculated based (a) 41,685,695 shares of the Issuer s common stock outstanding as of October 31, 2017 as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017 and (b) 10,953,750 shares of common stock issued pursuant to an underwritten public offering that closed on December 15, 2017.

Introductory Note: This Statement on Schedule 13G/A is filed on behalf of Venrock Associates V, L.P., a limited partnership organized under the laws of the State of Delaware, Venrock Partners V, L.P., a limited partnership organized under the laws of the State of Delaware, Venrock Entrepreneurs Fund V, L.P., a limited partnership organized under the laws of the State of Delaware (collectively, the Venrock Entities ), as well as Venrock Management V, LLC, a limited liability company organized under the laws of the State of Delaware, Venrock Partners Management V, LLC, a limited liability company organized under the laws of the State of Delaware and VEF Management V, LLC, a limited liability company organized under the laws of the State of Delaware (collectively, the Venrock GPs) in respect of shares of common stock of Fate Therapeutics, Inc.

Item 1.				
	(a)	Name of Issuer		
		Fate Therapeutics, Inc		
	(b)	Address of Issuer s F	Principal Executive Offices	
		3535 General Atomic	· · · · · · · · · · · · · · · · · · ·	
		San Diego, California	1 92121	
Item 2.				
	(a)	Name of Person Filin	g	
	,	Venrock Associates V	=	
		Venrock Partners V, l		
		Venrock Entrepreneu		
		Venrock Managemen		
		Venrock Partners Ma VEF Management V,		
	(b)		Business Office or, if none, Residence	
New York Office:	(0)	. 10010ss 01 1 11101pul	Palo Alto Office:	Boston Office:
530 Fifth Avenue			3340 Hillview Avenue	34 Farnsworth Street
22nd Floor			Palo Alto, CA 94304	3rd Floor
New York, NY 100	36			Boston, MA 02210
		(c)	Citizenship	
				limited partnerships organized in the State
				k GPs are limited liability companies
		(d)	organized in the State of Delawar Title of Class of Securities	re.
		(u)	Common Stock	
		(e)	CUSIP Number	
		(6)	31189P102	
			011001102	
Item 3.		If this statement is filed pursua	int to §§240.13d-1(b), or 240.13d-2(b)	or (c), check whether the person filing is
		a:		
		Not applicable		
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#### Item 4. Ownership

(a) Amount beneficially owned as of December 31, 2017:

Venrock Associates V, L.P.	2,473,187(1)
Venrock Partners V, L.P.	2,473,187(1)
Venrock Entrepreneurs Fund V, L.P.	2,473,187(1)
Venrock Management V, LLC	2,473,187(1)
Venrock Partners Management V, LLC	2,473,187(1)
VEF Management V, LLC	2.473.187(1)

(b) Percent of class as of December 31, 2017:

Venrock Associates V, L.P.	4.7%
Venrock Partners V, L.P.	4.7%
Venrock Entrepreneurs Fund V, L.P.	4.7%
Venrock Management V, LLC	4.7%
Venrock Partners Management V, LLC	4.7%
VEF Management V, LLC	4.7%

- (c) Number of shares as to which the person has, as of December 31, 2017:
- (i) Sole power to vote or to direct the vote

Venrock Associates V, L.P.	0
Venrock Partners V, L.P.	0
Venrock Entrepreneurs Fund V, L.P.	0
Venrock Management V, LLC	0
Venrock Partners Management V, LLC	0
VEF Management V. LLC	0

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

Venrock Associates V, L.P.	2,473,187(1)
Venrock Partners V, L.P.	2,473,187(1)
Venrock Entrepreneurs Fund V, L.P.	2,473,187(1)
Venrock Management V, LLC	2,473,187(1)
Venrock Partners Management V, LLC	2,473,187(1)
VEF Management V, LLC	2,473,187(1)

## (iii) Sole power to dispose or to direct the disposition of

Venrock Associates V, L.P.	0
Venrock Partners V, L.P.	0
Venrock Entrepreneurs Fund V, L.P.	0
Venrock Management V, LLC	0
Venrock Partners Management V, LLC	0
VEF Management V, LLC	0

## (iv) Shared power to dispose or to direct the disposition of

Venrock Associates V, L.P.	2,473,187(1)
Venrock Partners V, L.P.	2,473,187(1)
Venrock Entrepreneurs Fund V, L.P.	2,473,187(1)
Venrock Management V, LLC	2,473,187(1)
Venrock Partners Management V, LLC	2,473,187(1)
VEF Management V, LLC	2,473,187(1)

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These shares are owned directly as follows: 2,231,558 shares of common stock are owned by Venrock Associates V, L.P., 189,198 shares of common stock are owned by Venrock Partners V, L.P. and 52,431 shares of common stock are owned by Venrock Entrepreneurs Fund V, L.P. Venrock Management V, LLC is the general partner of Venrock Partners V, L.P.; and VEF Management V, LLC is the general partner of Venrock Partners V, L.P.; and VEF Management V, LLC is the general partner of Venrock Entrepreneurs Fund V, L.P.

#### 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 x.

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 or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group

Not Applicable

Item 9. Notice of Dissolution of a Group

Not Applicable

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#### 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.

#### **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.

Dated: February 13, 2018

Venrock Associates V, L.P.

Venrock Management V, LLC

By: Venrock Management V, LLC,

its General Partner

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

Venrock Partners V, L.P.

Venrock Partners Management V, LLC

/s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

By: Venrock Partners Management V, LLC,

its General Partner

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

Venrock Entrepreneurs Fund V, L.P.

VEF Management V, LLC

By:

By: VEF Management V, LLC,

its General Partner

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

By: /s/ David L. Stepp

Name: David L. Stepp
Title: Authorized Signatory

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A: Joint Filing Agreement (Incorporated by reference to Exhibit A to Schedule 13G filed October 11, 2013).

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