LA JOLLA PHARMACEUTICAL CO Form SC 13G February 11, 2019

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

### **SCHEDULE 13G**

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

# La Jolla Pharmaceutical Company

(Name of Issuer)

## **COMMON STOCK**

(Title of Class of Securities)

## 503459604

(CUSIP Number)

## **February 1, 2019**

(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.

1.	Name of Reporting Persons Venrock Healthcare Capital Par	tners II, L.P.	
2.	Check the Appropriate Box if a (a) (b)	Member of a Group (See In x(1) o	structions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiza Delaware	ation	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficially 1,375,000(2)	Owned by Each Reporting	Person
10.	Check if the Aggregate Amount	in Row (9) Excludes Certa	in Shares (See Instructions) o
11.	Percent of Class Represented by 5.2%(3)	Amount in Row (9)	
12.	Type of Reporting Person (See PN	Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Pe VHCP Co-Investment		
2.	Check the Appropriate	e Box if a Member of a Grou	p (See Instructions)
	(a)	x(1)	
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Delaware	f Organization	
	5.		Sole Voting Power 0
Number of			
Shares	6.		Shared Voting Power
Beneficially Owned by			1,375,000(2)
Each	7.		Sole Dispositive Power
Reporting	7.		0
Person With:			O
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Be 1,375,000(2)	eneficially Owned by Each F	Reporting Person
10.	Check if the Aggregat	e Amount in Row (9) Exclude	des Certain Shares (See Instructions)
11.	Percent of Class Repre 5.2%(3)	esented by Amount in Row (	9)
12.	Type of Reporting Per OO	rson (See Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons Venrock Healthcare Capital Part	ners III, L.P.	
2.		Member of a Group (See In $x(1)$ o	structions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiza Delaware	tion	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficially 1,375,000(2)	Owned by Each Reporting	Person
10.	Check if the Aggregate Amount	in Row (9) Excludes Certa	in Shares (See Instructions) o
11.	Percent of Class Represented by 5.2%(3)	Amount in Row (9)	
12.	Type of Reporting Person (See In PN	nstructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons VHCP Co-Investment Holding	s III, LLC	
2.	Check the Appropriate Box if a		nstructions)
	(a)	x(1)	
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Organiz Delaware	zation	
	5.		Sole Voting Power 0
Number of			
Shares	6.		Shared Voting Power
Beneficially			1,375,000(2)
Owned by	7		0.1 D: :: D
Each	7.		Sole Dispositive Power
Reporting Person With:			0
erson with.	8.		Showed Dismositive Dovver
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficiall 1,375,000(2)	y Owned by Each Reporting	g Person
10.	Check if the Aggregate Amour	nt in Row (9) Excludes Cert	ain Shares (See Instructions)
11.	Percent of Class Represented b 5.2%(3)	by Amount in Row (9)	
12.	Type of Reporting Person (See OO	Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons VHCP Management II, LLC		
2.	Check the Appropriate Box if a (a) (b)	Member of a Group (See In $x(1)$ o	astructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiz Delaware	ation	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficially 1,375,000(2)	Owned by Each Reporting	Person
10.	Check if the Aggregate Amount	t in Row (9) Excludes Certa	in Shares (See Instructions) o
11.	Percent of Class Represented by 5.2%(3)	y Amount in Row (9)	
12.	Type of Reporting Person (See OO	Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons VHCP Management III, LLC		
2.	Check the Appropriate Box if a (a) (b)	Member of a Group (See In $x(1)$ o	nstructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiz Delaware	ation	
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficially 1,375,000(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 5.2%(3)	y Amount in Row (9)	
12.	Type of Reporting Person (See OO	Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons Shah, Nimish		
2.	Check the Appropriate Box if (a)	x(1)	nstructions)
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Organi United States	zation	
N. I. C	5.		Sole Voting Power 0
Number of Shares			CL IV.C. D
Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each	7.		Sole Dispositive Power
Reporting Person With:			0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficial 1,375,000(2)	ly Owned by Each Reporting	g Person
10.	Check if the Aggregate Amou	nt in Row (9) Excludes Certa	ain Shares (See Instructions) o
11.	Percent of Class Represented b 5.2%(3)	by Amount in Row (9)	
12.	Type of Reporting Person (See IN	e Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

1.	Name of Reporting Persons Koh, Bong		
2.	Check the Appropriate Box if (a) (b)	a Member of a Group (See x(1)	Instructions)
	(6)	O	
3.	SEC Use Only		
4.	Citizenship or Place of Organ United States	ization	
	5.		Sole Voting Power 0
Number of			
Shares Beneficially Owned by	6.		Shared Voting Power 1,375,000(2)
Each	7.		Sole Dispositive Power
Reporting Person With:	,		0
	8.		Shared Dispositive Power 1,375,000(2)
9.	Aggregate Amount Beneficial 1,375,000(2)	lly Owned by Each Reportin	ng Person
10.	Check if the Aggregate Amou	int in Row (9) Excludes Cer	tain Shares (See Instructions) o
11.	Percent of Class Represented 5.2%(3)	by Amount in Row (9)	
12.	Type of Reporting Person (Se IN	e Instructions)	

<sup>(1)</sup> Venrock Healthcare Capital Partners II, L.P., VHCP Co-Investment Holdings II, LLC, Venrock Healthcare Capital Partners III, L.P., VHCP Co-Investment Holdings III, LLC, VHCP Management II, LLC, VHCP Management III, LLC, Nimish Shah and Bong Koh are members of a group for the purposes of this Schedule 13G.

<sup>(2)</sup> Consists of 264,300 shares owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares owned by VHCP Co-Investment Holdings III, LLC.

<sup>(3)</sup> This percentage is calculated based upon 26,233,631 shares of the Issuer s common stock outstanding as of October 19, 2018, as reported in the Issuer s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on October 24, 2018.

## CUSIP No. 503459604

Introductory Note: This Schedule 13G is filed on behalf of Venrock Healthcare Capital Partners II, L.P., a limited partnership organized under the laws of the State of Delaware ( VHCP II LP ), VHCP Co-Investment Holdings II, LLC, a limited liability company organized under the laws of the State of Delaware ( VHCP Co-Investment II ), Venrock Healthcare Capital Partners III, L.P., a limited partnership organized under the laws of the State of Delaware ( VHCP III LP ), VHCP Co-Investment Holdings III, LLC, a limited liability company organized under the laws of the State of Delaware ( VHCP Co-Investment III ), VHCP Management II, LLC, a limited liability company organized under the laws of the State of Delaware ( VHCP Management III ), VHCP Management III, LLC, a limited liability company organized under the laws of the State of Delaware ( VHCP Management III and collectively with VHCP II LP, VHCP Co-Investment II, VHCP III LP, VHCP Co-Investment III and VHCP Management III, the Venrock Entities ), Nimish Shah ( Shah ) and Bong Koh ( Koh ) in respect of Common Stock of La Jolla Pharmaceutical Company.

Item 1.	(a) (b)	Name of Issuer La Jolla Pharmaceutical Compa Address of Issuer s Principal E		
		4550 Towne Centre Court		
		San Diego, California 92121		
Item 2.	(a)	Name of Person Filing Venrock Healthcare Capital Par	tners II, L.P.	
		VHCP Co-Investment Holdings	II, LLC	
		Venrock Healthcare Capital Par	tners III, L.P.	
		VHCP Co-Investment Holdings	III, LLC	
		VHCP Management II, LLC		
		VHCP Management III, LLC		
		Nimish Shah		
	(b)	Bong Koh Address of Principal Business C	Office or, if none, Residence	
		New York Office:	Palo Alto Office:	Boston Office:
	(c)	7 Bryant Park 23rd Floor New York, NY 10018 Citizenship	3340 Hillview Avenue Palo Alto, CA 94304	34 Farnsworth Street 3rd Floor Boston, MA 02210
	(d)	All of the Venrock Entities were citizens. Title of Class of Securities	e organized in Delaware. The ind	ividuals are both United States

Common Stock

**CUSIP** Number

(e)

# CUSIP No. 503459604

# 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

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:

Not applicable

## Item 4. Ownership

(a) Amount Beneficially Owned as of February 11, 2019:

Venrock Healthcare Capital Partners II, L.P.	1,375,000(1)
VHCP Co-Investment Holdings II, LLC	1,375,000(1)
Venrock Healthcare Capital Partners III, L.P.	1,375,000(1)
VHCP Co-Investment Holdings III, LLC	1,375,000(1)
VHCP Management II, LLC	1,375,000(1)
VHCP Management III, LLC	1,375,000(1)
Nimish Shah	1,375,000(1)
Bong Koh	1,375,000(1)

# (b) Percent of Class as of February 11, 2019:

Venrock Healthcare Capital Partners II, L.P.	5.2%
VHCP Co-Investment Holdings II, LLC	5.2%
Venrock Healthcare Capital Partners III, L.P.	5.2%
VHCP Co-Investment Holdings III, LLC	5.2%
VHCP Management II, LLC	5.2%
VHCP Management III, LLC	5.2%
Nimish Shah	5.2%
Bong Koh	5.2%

(c) Number of shares as to which the person has, as of February 11, 2019:

(i) Sole power to vote or to direct the vote

Venrock Healthcare Capital Partners II, L.P.	0
VHCP Co-Investment Holdings II, LLC	0
Venrock Healthcare Capital Partners III, L.P.	0
VHCP Co-Investment Holdings III, LLC	0
VHCP Management II, LLC	0
VHCP Management III, LLC	0
Nimish Shah	0
Bong Koh	0

## CUSIP No. 503459604

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

Venrock Healthcare Capital Partners II, L.P.	1,375,000(1)
VHCP Co-Investment Holdings II, LLC	1,375,000(1)
Venrock Healthcare Capital Partners III, L.P.	1,375,000(1)
VHCP Co-Investment Holdings III, LLC	1,375,000(1)
VHCP Management II, LLC	1,375,000(1)
VHCP Management III, LLC	1,375,000(1)
Nimish Shah	1,375,000(1)
Bong Koh	1,375,000(1)

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

Venrock Healthcare Capital Partners II, L.P.	0
VHCP Co-Investment Holdings II, LLC	0
Venrock Healthcare Capital Partners III, L.P.	0
VHCP Co-Investment Holdings III, LLC	0
VHCP Management II, LLC	0
VHCP Management III, LLC	0
Nimish Shah	0
Bong Koh	0

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

Venrock Healthcare Capital Partners II, L.P.	1,375,000(1)
VHCP Co-Investment Holdings II, LLC	1,375,000(1)
Venrock Healthcare Capital Partners III, L.P.	1,375,000(1)
VHCP Co-Investment Holdings III, LLC	1,375,000(1)
VHCP Management II, LLC	1,375,000(1)
VHCP Management III, LLC	1,375,000(1)
Nimish Shah	1,375,000(1)
Bong Koh	1,375,000(1)

These shares are owned directly as follows: 264,300 shares are owned by Venrock Healthcare Capital Partners II, L.P., 107,100 shares are owned by VHCP Co-Investment Holdings II, LLC, 912,414 shares are owned by Venrock Healthcare Capital Partners III, L.P. and 91,186 shares are owned by VHCP Co-Investment Holdings III, LLC. VHCP Management II, LLC is the general partner of Venrock Healthcare Capital Partners II, L.P. and the manager of VHCP Co-Investment Holdings III, LLC. VHCP Management III, LLC is the general partner of Venrock Healthcare Capital Partners III, L.P. and the manager of VHCP Co-Investment Holdings III, LLC. Messrs. Shah and Koh are the

managing members of VHCP Management II, LLC and VHCP Management III, LLC.

# 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 O.

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

Not Applicable

CUSIP No. 503459604

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

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, other than activities solely in connection with a nomination under § 240.14a-11.

CUSIP No. 503459604

## **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 11, 2019

Venrock Healthcare Capital Partners II, L.P.

VHCP Management II, LLC

Its: General Partner

By:

By: /s/ David L. Stepp

Name: David L. Stepp
Its: Authorized Signatory

VHCP Co-Investment Holdings II, LLC

By: VHCP Management II, LLC

Its: Manager

By: /s/ David L. Stepp

Name: David L. Stepp Its: Authorized Signatory

VHCP Management II, LLC

By: /s/ David L. Stepp

Name: David L. Stepp Its: Authorized Signatory

**Nimish Shah** 

By: /s/ David L. Stepp

David L. Stepp, as attorney-in-fact

Venrock Healthcare Capital Partners III, L.P.

By: VHCP Management III, LLC Its: General Partner

its. General raither

By: /s/ David L. Stepp

Name: David L. Stepp
Its: Authorized Signatory

**VHCP Co-Investment Holdings III, LLC** 

By: VHCP Management III, LLC

Its: Manager

By: /s/ David L. Stepp

Name: David L. Stepp Its: Authorized Signatory

VHCP Management III, LLC

By: /s/ David L. Stepp

Name: David L. Stepp Its: Authorized Signatory

Bong Koh

By: /s/ David L. Stepp

David L. Stepp, as attorney-in-fact

14

CUSIP No. 503459604

# **EXHIBITS**

- A: Joint Filing Agreement
- B: Power of Attorney for Nimish Shah
- C: Power of Attorney for Bong Koh

#### **EXHIBIT A**

### JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock of La Jolla Pharmaceutical Company and further agree that this agreement be included as an exhibit to such filing. Each party to the agreement expressly authorizes each other party to file on its behalf any and all amendments to such statement. Each party to this agreement agrees that this joint filing agreement may be signed in counterparts.

In evidence whereof, the undersigned have caused this Agreement to be executed on their behalf this 11th day of February, 2019.

Venrock Healthcare Capital Partners II, L.P.

Venrock Healthcare Capital Partners III, L.P.

VHCP Co-Investment Holdings III, LLC

By: VHCP Management II, LLC By: VHCP Management III, LLC

Its: General Partner Its: General Partner

By: /s/ David L. Stepp By: /s/ David L. Stepp

Name:David L. SteppName:David L. SteppIts:Authorized SignatoryIts:Authorized Signatory

VHCP Co-Investment Holdings II, LLC

By: VHCP Management II, LLC By: VHCP Management III, LLC

Its: Manager Its: Manager

By: /s/ David L. Stepp By: /s/ David L. Stepp

Name:David L. SteppName:David L. SteppIts:Authorized SignatoryIts:Authorized Signatory

VHCP Management II, LLC VHCP Management III, LLC

By: /s/ David L. Stepp By: /s/ David L. Stepp

Name:David L. SteppName:David L. SteppIts:Authorized SignatoryIts:Authorized Signatory

Nimish Shah Bong Koh

By: /s/ David L. Stepp By: /s/ David L. Stepp

David L. Stepp, as attorney-in-fact David L. Stepp, as attorney-in-fact

16

## **EXHIBIT B**

#### POWER OF ATTORNEY FOR NIMISH SHAH

KNOW ALL BY THESE PRESENTS, that the undersigned hereby constitutes and appoints each of David L. Stepp, Sherman G. Souther and Lisa D. Harris signing individually, the undersigned strue and lawful attorney-in fact and agent to:

- prepare execute and file, for and on behalf of the undersigned, any and all documents and filings that are required or advisable to be made with the United States Securities and Exchange Commission, any stock exchange or similar authority, under the Securities Exchange Act of 1934, as amended (the Exchange Act ), and the rules and regulations promulgated thereunder, including without limitation (a) any Joint Filing Agreement under Rule 13d-1(k) of the Exchange Act (or any successor provision thereunder), Schedule 13D and Schedule 13G (or any successor schedules or forms adopted under the Exchange Act ) and any amendments thereto in accordance with Section 13 of the Exchange Act and the rules thereunder, and (b) Forms 3, 4 and 5 and any amendments thereto in accordance with Section 16(a) of the Exchange Act and the rules thereunder; and
- take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, 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 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 attorney-in-fact, in serving in such capacity at the request of undersigned, is not assuming, nor is Venrock assuming, any of the undersigned s responsibilities to comply with the Exchange Act, including without limitation Sections 13 and 16 of the Exchange Act.

This power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file any form or document with respect to the undersigned sholdings of and transactions in securities issued by a company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorney-in-fact, or (c) until such attorney-in-fact shall no longer be employed by VR Management, LLC (or its successor).

IN WITNESS WHEREOF, the undersigned has cause this Power of Attorney to be executed as of this 11th day of February, 2019.

/s/ Nimish Shah

## **EXHIBIT C**

#### POWER OF ATTORNEY FOR BONG KOH

KNOW ALL BY THESE PRESENTS, that the undersigned hereby constitutes and appoints each of David L. Stepp, Sherman G. Souther and Lisa D. Harris signing individually, the undersigned strue and lawful attorney-in fact and agent to:

- (i) prepare execute and file, for and on behalf of the undersigned, any and all documents and filings that are required or advisable to be made with the United States Securities and Exchange Commission, any stock exchange or similar authority, under the Securities Exchange Act of 1934, as amended (the Exchange Act ), and the rules and regulations promulgated thereunder, including without limitation (a) any Joint Filing Agreement under Rule 13d-1(k) of the Exchange Act (or any successor provision thereunder), Schedule 13D and Schedule 13G (or any successor schedules or forms adopted under the Exchange Act ) and any amendments thereto in accordance with Section 13 of the Exchange Act and the rules thereunder, and (b) Forms 3, 4 and 5 and any amendments thereto in accordance with Section 16(a) of the Exchange Act and the rules thereunder; and
- take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, 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 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 attorney-in-fact, in serving in such capacity at the request of undersigned, is not assuming, nor is Venrock assuming, any of the undersigned s responsibilities to comply with the Exchange Act, including without limitation Sections 13 and 16 of the Exchange Act.

This power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file any form or document with respect to the undersigned sholdings of and transactions in securities issued by a company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorney-in-fact, or (c) until such attorney-in-fact shall no longer be employed by VR Management, LLC (or its successor).

IN WITNESS WHEREOF, the undersigned has cause this Power of Attorney to be executed as of this 11th day of February, 2019.

/s/ Bong Koh

18