Bellerophon Therapeutics, Inc. Form SC 13G/A February 14, 2017

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

SCHEDULE 13G/A

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

Bellerophon Therapeutics, Inc.

(Name of Issuer)

Common Stock, \$0.01 par value

(Title of Class of Securities)

078771102

(CUSIP Number)

December 31, 2016

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

^{*}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. 078771102

1.	Name of Reporting Persons
	Venrock Associates IV, L.P.

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) x(1)
 - (b) o
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 6. Shared Voting Power

Beneficially 962,415(2) Owned by

Each 7. Sole Dispositive Power Reporting 0

Reporting 0
Person With:

8. Shared Dispositive Power 962,415(2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 PN

⁽¹⁾ Venrock Associates IV, L.P. (VA4), Venrock Partners, L.P. (VP), Venrock Entrepreneurs Fund IV, L.P. (VEF4), Venrock Management IV, LLC (the general partner of VA4), Venrock Partners Management, LLC (the general partner of VP) and VEF Management IV, LLC (the general partner of VEF4) are members of a group for purposes of this Schedule 13G/A.

⁽²⁾ Consists of 783,407 shares of common stock owned by VA4, 159,761 shares of common stock owned by VP and 19,247 shares of common stock owned by VEF4.

⁽³⁾ This percentage is calculated based upon 31,702,624 shares of the Issuer s common stock outstanding after the closing of its public offering as set forth in the Issuer s prospectus filed with the Securities and Exchange Commission on November 23, 2016.

CUSIP No. 078771102

9.

1.	Name of Reporting Persons	
	Venrock Partners, L.P.	

c D

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) x(1) (b) o
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power Number of Shares Shared Voting Power 6. Beneficially 962,415(2) Owned by Each 7. Sole Dispositive Power Reporting Person With: 8. Shared Dispositive Power

- Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 PN

962,415(2)

⁽¹⁾ Venrock Associates IV, L.P. (VA4), Venrock Partners, L.P. (VP), Venrock Entrepreneurs Fund IV, L.P. (VEF4), Venrock Management IV, LLC (the general partner of VA4), Venrock Partners Management, LLC (the general partner of VP) and VEF Management IV, LLC (the general partner of VEF4) are members of a group for purposes of this Schedule 13G/A.

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⁽³⁾ This percentage is calculated based upon 31,702,624 shares of the Issuer s common stock outstanding after the closing of its public offering as set forth in the Issuer s prospectus filed with the Securities and Exchange Commission on November 23, 2016.

CUSIP No. 078771102

1.	Name of Reporting Persons	
	Venrock Entrepreneurs Fund IV, L.P.	

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) x(1) (b) o
- 3. SEC Use Only
- 4. Citizenship or Place of Organization Delaware

	5.	Sole Voting Power 0
Number of		
Shares	6.	Shared Voting Power
Beneficially		962,415(2)
Owned by		
Each	7.	Sole Dispositive Power
Reporting		0
Person With:		
	8.	Shared Dispositive Power
		962,415(2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 PN

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CUSIP No. 078771102

1.

	Venrock Management IV, LLC
2.	Check the Appropriate Box if a Member of a Group (See Instructi

- Check the Appropriate Box if a Member of a Group (See Instructions)
 (a) x(1)
 (b) o
- 3. SEC Use Only
- 4. Citizenship or Place of Organization Delaware

Name of Reporting Persons

	5.	Sole Voting Power 0
Number of		U
Shares	6.	Shared Voting Power
Beneficially		962,415(2)
Owned by		, ,,
Each	7.	Sole Dispositive Power
Reporting		0
Person With:		
	8.	Shared Dispositive Power
		962.415(2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 OO

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CUSIP No. 078771102

1.

2.	Check the Appropriate (a) (b)	riate Box if a Member of a Gro $x(1)$	oup (See Instructions)
3.	SEC Use Only		
4.	Citizenship or Plac Delaware	ce of Organization	
Number of	5.		Sole Voting Power 0

Number of
Shares 6.
Beneficially
Owned by
Each 7.

7. Sole Dispositive Power 0

Shared Voting Power

962,415(2)

Reporting
Person With:

Name of Reporting Persons

Venrock Partners Management, LLC

8. Shared Dispositive Power 962,415(2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 OO

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CUSIP No. 078771102

1.

	VEF Management IV, LLC
2.	Check the Appropriate Box if a Member of a Group (See Instructi

- Check the Appropriate Box if a Member of a Group (See Instructions)
 (a) x(1)
 (b) o
- 3. SEC Use Only
- 4. Citizenship or Place of Organization Delaware

Name of Reporting Persons

	5.	Sole Voting Power 0
Number of		v
Shares	6.	Shared Voting Power
Beneficially		962,415(2)
Owned by		, , ,
Each	7.	Sole Dispositive Power
Reporting		0
Person With:		
	8.	Shared Dispositive Power
		962.415(2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 962,415(2)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (9) 3.0%(3)
- 12. Type of Reporting Person (See Instructions)
 OO

- (2) Consists of 783,407 shares of common stock owned by VA4, 159,761 shares of common stock owned by VP and 19,247 shares of common stock owned by VEF4.
- (3) This percentage is calculated based upon 31,702,624 shares of the Issuer s common stock outstanding after the closing of its public offering as set forth in the Issuer s prospectus filed with the Securities and Exchange Commission on November 23, 2016.

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CUSIP No. 078771102

VEF Management IV, LLC

Introductory Note: This Statement on Schedule 13G/A is filed on behalf of Venrock Associates IV, L.P., a limited partnership organized under the laws of the State of Delaware (VA4), Venrock Partners, L.P., a limited partnership organized under the laws of the State of Delaware (VP), Venrock Entrepreneurs Fund IV, L.P., a limited partnership organized under the laws of the State of Delaware (VEF4), Venrock Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VP Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VP Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limited liability company organized under the laws of the State of Delaware (VEF Management), and VEF Management IV, LLC, a limit

Item 1.
(a) Name of Issuer
Bellerophon Therapeutics, Inc.
(b) Address of Issuer s Principal Executive Offices
184 Liberty Corner Road, Suite 302
Warren, NJ 07059
Item 2.
(a) Name of Person Filing
Venrock Associates IV, L.P.
Venrock Partners, L.P.
Venrock Entrepreneurs Fund IV, L.P.
Venrock Management IV, LLC
Venrock Partners Management, LLC

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

New York Office:Palo Alto Office:Boston Office:530 Fifth Avenue3340 Hillview Avenue34 Farnsworth Street22nd FloorPalo Alto, CA 943043rd FloorNew York, NY 10036Boston, MA 02210

(c) Citizenship

Each of VA4, VP and VEF4 are limited partnerships organized in the State of Delaware. Each of Venrock Management, VP Management and VEF Management are limited liability companies organized in the State of Delaware.

CUSIP No. 078771102

(d) Title of Class of Securities

Common Stock, \$0.01 par value

(e) CUSIP Number

078771102

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:

Not applicable

Item 4. Ownership

(a) Amount Beneficially Owned as of December 31, 2016:

Venrock Associates IV, L.P.	962,415(1)
Venrock Partners, L.P.	962,415(1)
Venrock Entrepreneurs Fund IV, L.P.	962,415(1)
Venrock Management IV, LLC	962,415(1)
Venrock Partners Management, LLC	962,415(1)
VEF Management IV, LLC	962,415(1)

(b) Percent of Class as of December 31, 2016:

Venrock Associates IV, L.P.	3.0%(2)
Venrock Partners, L.P.	3.0%(2)
Venrock Entrepreneurs Fund IV, L.P.	3.0%(2)
Venrock Management IV, LLC	3.0%(2)
Venrock Partners Management, LLC	3.0%(2)
VEF Management IV, LLC	3.0%(2)

(c) Number of shares as to which the person has, as of December 31, 2016:

9

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

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

CUSIP No. 078771102

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

Venrock Associates IV, L.P.	962,415(1)
Venrock Partners, L.P.	962,415(1)
Venrock Entrepreneurs Fund IV, L.P.	962,415(1)
Venrock Management IV, LLC	962,415(1)
Venrock Partners Management, LLC	962,415(1)
VEF Management IV, LLC	962,415(1)

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

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

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

Venrock Associates IV, L.P.	962,415(1)
Venrock Partners, L.P.	962,415(1)
Venrock Entrepreneurs Fund IV, L.P.	962,415(1)
Venrock Management IV, LLC	962,415(1)
Venrock Partners Management, LLC	962,415(1)
VEF Management IV, LLC	962,415(1)

⁽¹⁾ These shares are owned directly as follows: 783,407 shares are owned by VA4, 159,761 shares are owned by VP and 19,247 shares are owned by VEF4.

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

⁽²⁾ This percentage is calculated based upon 31,702,624 shares of the Issuer s common stock outstanding after the closing of its public offering as set forth in the Issuer s prospectus filed with the Securities and Exchange Commission on November 23, 2016.

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

Not Applicable

10

CUSIP No. 078771102
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
Not Applicable
11
11

CUSIP No. 078771102

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 14, 2017

Venrock Associates IV, L.P.

By: Venrock Management IV, LLC

Its: General Partner

By: /s/ David Stepp

Authorized Signatory

Venrock Partners, L.P.

By: Venrock Partners Management, LLC

Its: General Partner

By: /s/ David Stepp

Authorized Signatory

Venrock Entrepreneurs Fund IV, L.P.

By: VEF Management IV, LLC

Its: General Partner

By: /s/ David Stepp

Authorized Signatory

Venrock Management IV, LLC

By: /s/ David Stepp

Authorized Signatory

Venrock Partners Management, LLC

By: /s/ David Stepp

Authorized Signatory

VEF Management IV, LLC

By: /s/ David Stepp

Authorized Signatory

CUSIP No.	078771102

EXHIBIT

A: Joint Filing Agreement (Incorporated by reference to Exhibit A to Schedule 13G filed on February 16, 2016)