

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>ARCH VENTURE FUND VI LP</u>	2. Date of Event Requiring Statement (Month/Day/Year) 02/13/2015	3. Issuer Name and Ticker or Trading Symbol <u>Bellerophon Therapeutics, Inc.</u> [<u>BLPH</u>]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	
		5. If Amendment, Date of Original Filed (Month/Day/Year)	
		6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(Last) (First) (Middle) 8725 WEST HIGGINS ROAD, SUITE 290			
(Street) CHICAGO IL 60631			
(City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	752,994	D ⁽¹⁾⁽²⁾	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person* <u>ARCH VENTURE FUND VI LP</u>
(Last) (First) (Middle) 8725 WEST HIGGINS ROAD, SUITE 290
(Street) CHICAGO IL 60631
(City) (State) (Zip)
1. Name and Address of Reporting Person* <u>ARCH VENTURE PARTNERS VI LP</u>
(Last) (First) (Middle) 8725 WEST HIGGINS ROAD, SUITE 290
(Street) CHICAGO IL 60631
(City) (State) (Zip)
1. Name and Address of Reporting Person* <u>ARCH VENTURE PARTNERS VI LLC</u>
(Last) (First) (Middle) 8725 WEST HIGGINS ROAD, SUITE 290
(Street) CHICAGO IL 60631
(City) (State) (Zip)
1. Name and Address of Reporting Person*

<u>CRANDELL KEITH</u>		
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(Last)	(First)	(Middle)
8725 WEST HIGGINS ROAD, SUITE 290		
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(Street)		
CHICAGO	IL	60631
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(City)	(State)	(Zip)
<hr/>		
1. Name and Address of Reporting Person*		
<u>BYBEE CLINTON</u>		
<hr/>		
(Last)	(First)	(Middle)
8725 WEST HIGGINS ROAD, SUITE 290		
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(Street)		
CHICAGO	IL	60631
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(City)	(State)	(Zip)

Explanation of Responses:

1. ARCH Venture Partners VI, L.P. (the "GPLP"), as the sole general partner of ARCH Venture Fund VI, L.P. ("ARCH"), may be deemed to beneficially own certain of the shares held by ARCH. The GPLP disclaims beneficial ownership of all shares held by ARCH in which the GPLP does not have an actual pecuniary interest. ARCH Venture Partners VI, LLC (the "GPLLC"), as the sole general partner of the GPLP, may be deemed to beneficially own certain of the shares held by ARCH.
2. The GPLLC disclaims beneficial ownership of all shares held by ARCH in which it does not have an actual pecuniary interest. The managing directors of the GPLLC, Robert T. Nelsen, Keith Crandell and Clinton Bybee (together, the "Managing Directors"), are deemed to have voting and dispositive power over the shares held by ARCH, and may be deemed to beneficially own certain of the shares held by ARCH. The Managing Directors disclaim beneficial ownership of all shares held by ARCH in which they do not have an actual pecuniary interest.

[/s/ Mark McDonnell, as
Attorney-in-Fact for Keith
Crandell, Managing Director of 02/13/2015
the general partner of the
general partner of ARCH](#)

[/s/ Mark McDonnell, as
Attorney-in-Fact for Keith
Crandell, Managing Director of 02/13/2015
the general partner of the
general partner of GPLP](#)

[/s/ Mark McDonnell, as
Attorney-in-Fact for Keith
Crandell, Managing Director of 02/13/2015
GPLLC](#)

[/s/ Mark McDonnell, as
Attorney-in-Fact for Keith 02/13/2015
Crandell](#)

[/s/ Mark McDonnell, as
Attorney-in-Fact for Clinton 02/13/2015
Bybee](#)

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.