January 31,

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Calithera Biosciences, Inc. Form 3 September 26, 2014 **FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION** Washington, D.C. 20549 OMB APPROVAL OMB Number: 3235-0104

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

4. Relationship of Reporting

Calithera Biosciences, Inc. [CALA]

(Print or Type Responses)

ADAGE CAPITAL

PARTNERS GP LLC

Person *

(Last)

1. Name and Address of Reporting

(First)

(Middle)

Person(s) to Issuer Filed(Month/Day/Year) 200 CLARENDON STREET, (Check all applicable) 52ND FLOOR.Â (Street) 6. Individual or Joint/Group _X_ 10% Owner Director Officer Other Filing(Check Applicable Line) (give title below) (specify below) Form filed by One Reporting Person BOSTON, MAÂ 02116 _X_ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial Beneficially Owned Ownership (Instr. 4) Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Common Stock, par value \$0.0001 1,783,675 Ι See footnotes (1) (2)Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. 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 control number.

Statement

(Month/Day/Year)

09/25/2014

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

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

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Date	Expiration	Title	Amount or	Security	Direct (D)
Exercisable	Date		Number of		or Indirect
			Shares		(I)
					(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
ADAGE CAPITAL PARTNERS GP LLC 200 CLARENDON STREET, 52ND FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â	
Adage Capital Partners, L.P. 200 CLARENDON STREET, 52ND FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â	
Adage Capital Advisors, L.L.C. 200 CLARENDON STREET 52ND FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â	
Atchinson Robert 200 CLARENDON STREET 52ND FLOOR BOSTON, MA 02116	Â	X	Â	Â	
Gross Phillip 200 CLARENDON STREET 52ND FLOOR BOSTON, MA 02116	Â	X	Â	Â	
Signatures					
/s/ Robert Atchinson					09/26/2014
**Signature of Reporting Person					Date
/s/ Adage Capital Partners, L.P.; By its general partner Adage Capital Partners GP, L.L.C.; By its managing member Adage Capital Advisors, L.L.C.; By its managing member Robert Atchinson					09/26/2014
**Signature of		Date			
/s/ Adage Capital Partners GP, L.L.C.; By its managing member Adage Capital Advisors, L.L.C.; By its managing member Robert Atchinson					09/26/2014
**Signature of	Date				
/s/ Adage Capital Advisors, L.L.C.; By its managing member Robert Atchinson					09/26/2014
**Signature of Reporting Person					Date
/s/ Phillip Gross					09/26/2014
**Signature of Reporting Person					Date

Explanation of Responses:

- * 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).

The securities to which this filing relates are held directly by Adage Capital Partners, L.P., a Delaware limited partnership (the "Fund"). Adage Capital Partners GP, L.L.C., a Delaware limited liability company ("ACPGP"), serves as the general partner of the Fund and as

 such has discretion over the portfolio securities beneficially owned by the Fund. Adage Capital Advisors, L.L.C., a Delaware limited liability company ("ACA"), is the managing member of ACPGP and directs ACPGP's operations. Robert Atchinson and Phillip Gross are the managing members of ACPGP and ACA and general partners of the Fund.

The filing of this statement shall not be deemed an admission that any of the Reporting Persons is the beneficial owner of the securities (2) reported herein for purposes of Section 16 of the Securities Act of 1934, as amended, or otherwise. Each of the Reporting Persons

expressly disclaims beneficial ownership of the securities reported herein except to the extent of its or his pecuniary interest therein. Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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