AMAG PHARMACEUTICALS INC.

Form 4

August 23, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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. Issuer Name and Ticker or Trading

AMAG PHARMACEUTICALS

Symbol

1(b).

LLC

(Print or Type Responses)

1. Name and Address of Reporting Person *

ADAGE CAPITAL PARTNERS GP

			INC. [AMA	INC. [AMAG]				(Check all applicable)			
(Last) (First) (Middle) 200 CLARENDON STREET, 52ND FLOOR,			(Month/Day/Ye	3. Date of Earliest Transaction (Month/Day/Year) 08/21/2013			below	Officer (give title		10% Owner Other (specify w)	
(Street) BOSTON, MA 02116				4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting			
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									Owned		
1.Title of Security (Instr. 3)	(Month/E	ction Date	2A. Deemed Execution Date, if any (Month/Day/Year)	3.	4. Securit on(A) or Dis (Instr. 3, 4	ies Ac	quired of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock par value \$.01 per share ("Common Stock")Commo	08/21/2	013		D	400	D	\$ 23.46	3,903,792	I	See Footnote (1)	
Common Stock	08/21/2	013		D	1,400	D	\$ 23.51	\$ 3,902,392	I	See Footnote (1)	
Common Stock	08/22/2	013		D	1,000	D	\$ 24.19	\$ 3,901,392	I	See Footnote (1)	

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Common Stock 08/22/2013	D	8,000	D	\$ 24.26	\$ 3,893,392	I	See Footnote
Common Stock 08/22/2013	D	11,000	D	\$ 24.36	\$ 3,882,392	I	See Footnote (1)
Common Stock 08/23/2013	D	3,600	D	\$ 24.42	\$ 3,878,792	I	See Footnote (1)

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

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SEC 1474

(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
F	Director	10% Owner	Officer	Other			
ADAGE CAPITAL PARTNERS GP LLC 200 CLARENDON STREET, 52ND FLOOR BOSTON, MA 02116		X					
Adage Capital Partners, L.P. 200 CLARENDON STREET, 52ND FLOOR BOSTON, MA 02116		X					
Adage Capital Advisors, L.L.C. 200 CLARENDON STREET 52ND FLOOR		X					

Reporting Owners 2

X

X

BOSTON, MA 02116

Atchinson Robert

200 CLARENDON STREET

52ND FLOOR

BOSTON, MA 02116

Gross Phillip

200 CLARENDON STREET

52ND FLOOR

BOSTON, MA 02116

Signatures

/s/ Adage Capital Partners GP, L.L.C.; By its managing member Adage Capital Advisors,

L.L.C.; By its managing member Robert Atchinson

08/23/2013

**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

08/23/2013

**Signature of Reporting Person

Date

/s/ Adage Capital Advisors, L.L.C.; By its managing member Robert Atchinson/s/ Adage Capital Advisors, L.L.C.; By its managing member Robert Atchinson

08/23/2013

**Signature of Reporting Person

Date

/s/ Robert Atchinson

08/23/2013

**Signature of Reporting Person

Date

/s/ Phillip Gross/s/ Phillip Gross

08/23/2013

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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).

Adage Capital Partners GP, L.L.C., a Delaware limited liability company ("ACPGP"), serves as the general partner of Adage Capital

Partners, L.P., a Delaware limited partnership (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. ACPGP, ACA, Robert Atchinson and Phillip Gross disclaim beneficial ownership of the reported securities except to the extent of their 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.

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