

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person * <b>JOHNSON DAVID EDWARD</b>  (Last) (First) (Middle) <b>520 MADISON AVENUE</b>  (Street) <b>NEW YORK NY 10022</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>AMAG PHARMACEUTICALS, INC. [ AMAG ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <b>10/08/2019</b>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value \$0.01 per share ("Common Stock")	10/08/2019		A		4,407 <sup>(1)</sup>	A	(2)	4,407	D	
Common Stock								3,499,428	I	See footnote <sup>(3)</sup>

**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. Transaction Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)					
Stock Option (Right to Buy)	\$11.58	10/08/2019		A		(4)	10/08/2029	Common Stock	6,000	(2)	6,000	D
Stock Option (Right to Buy)	\$11.58	10/08/2019		A		(5)	10/08/2029	Common Stock	9,452	(2)	9,452	D

**Explanation of Responses:**

- Each restricted stock unit represents a contingent right to receive one share of Common Stock of AMAG Pharmaceuticals, Inc. (the "Issuer"). These shares of Common Stock are issuable pursuant to a grant of restricted stock units pursuant to the Issuer's 2019 Equity Incentive Plan (the "Plan") that will vest in seven equal monthly installments beginning on November 1, 2019; however, delivery of the shares is deferred until the earlier of (a) one year from the date of grant and (b) the date of the director's separation from service to the Issuer.
- Not applicable.
- Such securities are held by an affiliated fund and managed account to which Caligan Partners LP ("Caligan") serves as investment manager. David Johnson is the Partner of Caligan and Managing Member of Caligan Partners GP LLC, the general partner of Caligan.
- Grant of stock option pursuant to the Plan. This option will vest and become exercisable in twenty-four equal monthly installments over two years from the date of grant.
- Grant of stock option pursuant to the Plan. This option will vest and become exercisable in seven equal monthly installments commencing November 1, 2019.

**Remarks:**

Mr. Johnson disclaims beneficial ownership in the securities reported on this Form 4 except to the extent of his pecuniary interest, if any, therein, and this report shall not be deemed to be an admission that Mr. Johnson is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

/s/ David Johnson 10/10/2019  
 \*\* 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 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).

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

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