

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* Arch Venture Fund VII LP (Last) (First) (Middle) 8725 WEST HIGGINS ROAD, SUITE 290 (Street) CHICAGO IL 60631 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol AGIOS PHARMACEUTICALS INC [AGIO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 06/23/2014	
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	06/23/2014		J ⁽¹⁾		386,074	D	⁽¹⁾	3,474,664 ⁽²⁾	D	

**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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)					

1. Name and Address of Reporting Person *

Arch Venture Fund VII LP

(Last) (First) (Middle)
8725 WEST HIGGINS ROAD, SUITE 290

(Street)
CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person *

ARCH Venture Partners VII, L.P.

(Last) (First) (Middle)
8725 WEST HIGGINS ROAD, SUITE 290

(Street)
CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person *

ARCH Venture Partners VII, LLC

(Last) (First) (Middle)
8725 WEST HIGGINS ROAD, SUITE 290

(Street)
CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person *

CRANDELL KEITH

(Last) (First) (Middle)
8725 WEST HIGGINS ROAD, SUITE 290

(Street)
CHICAGO IL 60631

(City) (State) (Zip)

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

Explanation of Responses:

1. Distribution of Common Stock held by a limited partnership to its partners for no consideration.
2. These shares are owned directly by ARCH Venture Fund VII, L.P. ("ARCH Fund VII"). The sole general partner of ARCH Fund VII is ARCH Venture Partners VII, L.P. ("ARCH Partners VII"), which may be deemed to beneficially own the shares held by Arch Fund VII. The sole general partner of ARCH Partners VII is ARCH Venture Partners VII, LLC ("ARCH VII LLC"), which may be deemed to beneficially own the shares held by Arch Fund VII. The Managing Directors of ARCH VII LLC, Robert T. Nelsen, Keith Crandell and Clinton Bybee, are deemed to have voting and dispositive power over the shares and may be deemed to beneficially own certain shares held by ARCH Fund VII. Each Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein, and this report shall not be deemed an admission that such Reporting Persons are the beneficial owners of such securities for Section 16 or any other purpose.

<u>/s/ Mark McDonnell - as Attorney-in-Fact for Keith Crandell, Managing Director of the general partner of the general partner of ARCH Fund VII</u>	<u>06/25/2014</u>
<u>/s/ Mark McDonnell - as Attorney-in-Fact for Keith Crandell, Managing Director of the general partner of ARCH Partners VII</u>	<u>06/25/2014</u>
<u>/s/ Mark McDonnell - as Attorney-in-Fact for Keith Crandell, Managing Director of ARCH VII LLC</u>	<u>06/25/2014</u>
<u>/s/ Mark McDonnell - as Attorney-in-Fact for Keith Crandell</u>	<u>06/25/2014</u>
<u>/s/ Mark McDonnell - as Attorney-in-Fact for Clinton Bybee</u>	<u>06/25/2014</u>
** 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.
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.