

AGIOS PHARMACEUTICALS INC  
 Form 4  
 September 12, 2014

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

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 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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 STARR KEVIN P

2. Issuer Name and Ticker or Trading Symbol  
 AGIOS PHARMACEUTICALS INC  
 [AGIO]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 C/O THIRD ROCK VENTURES,  
 LLC, 29 NEWBURY STREET, 3RD  
 FLOOR

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 09/11/2014

Director  10% Owner  
 Officer (give title below)  Other (specify below)

(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  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	09/11/2014		J <sup>(1)</sup>		825,000	D	\$ 0 3,070,090	I	See footnote (2)
Common Stock	09/11/2014		J <sup>(3)</sup>		60,567	A	\$ 0 60,567	I	See footnote (4)
Common Stock	09/11/2014		J <sup>(5)</sup>		60,567	D	\$ 0 0	I	See footnote (4)

Common Stock      09/11/2014      J<sup>(6)</sup>      8,772      A      \$ 0      26,519      D

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. 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 (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STARR KEVIN P C/O THIRD ROCK VENTURES, LLC 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116	X	X		

## Signatures

/s/ Kevin Gillis by power of attorney for Kevin Starr      09/12/2014

\_\_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).
- (1) Distribution of shares in kind by Third Rock Ventures, L.P. ("TRV") on a pro rata basis to its partners.
  - (2) The shares are directly held by TRV. The general partner of TRV is Third Rock Ventures GP, L.P. ("TRV GP"). The general partner of TRV GP is TRV GP, LLC ("TRV GP LLC") and the Reporting Person is a Manager of TRV GP LLC, as such, each of TRV GP and TRV GP LLC and the Reporting Person exercises shared voting and investment power over the shares held of record by TRV. The

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Reporting Person disclaims beneficial ownership of the shares except to the extent of his pecuniary interest therein, if any.

- (3) TRV GP received shares distributed in kind by TRV on a pro rata basis to its partners.

The shares are directly held by TRV GP. As such, each of TRV GP LLC and the Reporting Person exercises shared voting and

- (4) investment power over the shares held of record by TRV GP. The Reporting Person disclaims beneficial ownership of the shares except to the extent of his pecuniary interest therein, if any.

- (5) Distribution of shares in kind by TRV GP on a pro rata basis to its partners.

- (6) The Reporting Person received shares distributed in kind by TRV GP on a pro rata basis to its partners.

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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