FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Washington, D.C. 20049

STATEMENT O	F CHANGES	IN BENEFICIAL	<b>OWNERSHIP</b>

l	OMB APPRO	VAL
	OMB Number:	3235-0287
l	Estimated average burd	en
l	hours per response:	0.5

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

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 $^*$ Hoerter Steven L.				<u>A</u> (	2. Issuer Name and Ticker or Trading Symbol AGIOS PHARMACEUTICALS INC [ AGIO ]										k all applic Directo	cable)	10% Owner		vner	
	•	MACEUTICAL	(Middle) S			3. Date of Earliest Transaction (Month/Day/Year) 04/23/2018										below)	below) below) Chief Commercial Officer			
(Street) CAMBR (City)			02139 (Zip)		_   4. li	f Ame	endmei	nt, Date	of O	riginal F	iled	(Month/Da	ay/Year)		6. Ind Line) X	Form f	iled by One	Rep	g (Check Ap orting Perso n One Repo	n
		Tab	le I - No	n-Deriv	vative	e Se	curit	ies Ad	cqui	ired, C	Disp	osed c	f, or B	enefic	ially	Owned	ŀ			
Date			2. Trans Date (Month/		ay/Year)   E		2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Code (Instr.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)			4 and Securiti Benefic Owned		es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									(	Code	,	Amount	(A) (	r Pri	ce	Reporte Transac (Instr. 3	tion(s)			(Instr. 4)
Common stock 04/23/					3/2018	2018		$\top$	M <sup>(1)</sup>		2,050	) A	\$3	9.76	2,	,050		D		
Common stock 04/23/				3/2018	2018			S <sup>(2)</sup>		2,050 D		\$8	5.95		0		D			
		7	able II -									sed of, onverti				Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Executio	Date,		Transactior Code (Instr.		n of		6. Date Exercisa Expiration Date (Month/Day/Yea			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		5	B. Price of Derivative Gecurity Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exe	e ercisable		xpiration ate	Title	Amou or Numl of Share	oer					
Stock option (right to buy)	\$39.76	04/23/2018			M <sup>(1)</sup>			2,050		(3)	02	2/15/2026	Common stock	2,05	50	\$0.00	68,850	)	D	

## Explanation of Responses:

- 1. This exercise was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- $2. \ This \ sale \ was \ effected \ pursuant \ to \ a \ Rule \ 10b5-1 \ trading \ plan \ adopted \ by \ the \ reporting \ person.$
- 3. This option was granted on February 16, 2016. The shares underlying this option vest as to 25% of the underlying shares on February 16, 2017, with the remaining 75% vesting in 36 equal monthly installments thereafter.

## Remarks:

/s/ William Cook, as Attorney in Fact for Steven L. Hoerter

04/25/2018

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.