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

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

					or Se	ectio	n 30(h) o	f the	Investme	ent C	Company Ac	t of 1940								
Name and Address of Reporting Person*     Gollust Keith R						2. Issuer Name and Ticker or Trading Symbol SYNTA PHARMACEUTICALS CORP [ SNTA ]									Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner					
(Last)	,	(First) (Middle) A PHARMACEUTICALS CORP.				3. Date of Earliest Transaction (Month/Day/Year) 07/01/2015									r (give ti	itle	Other (specify below)			
45 HARTWELL AVENUE					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)	xINGTON MA 02421												X Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(S		Zip)																	
Table I - Non-Derive  1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Yo						2A. Deemed Execution Date, ear) if any			3. Transaction Code (Instr. and 5)  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, and 5)					5. Amount Securities Beneficial	6. Ownership Form: Direct (D) or		7. Nature of Indirect Beneficial			
					(Month/Day/Year)			8) Code	v	Amount (A)		Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)		Indirect (I) (Instr. 4)		Ownership (Instr. 4)			
Common	Stock							A		22,727	1) <b>A</b>	<b>\$0</b> (1)	374,4	193 D		D				
Common Stock			07/01/2015				A		13,636	2) A	<b>\$0</b> <sup>(2)</sup>	388,1	29	29 D						
Common Stock			07/01/2015				A		4,545(3)	) A	<b>\$0</b> <sup>(3)</sup>	392,6	574 D		D					
Common Stock		07/01/2015				A		4,545(4	) A	<b>\$0</b> <sup>(4)</sup>	397,2	219 D		D						
Common Stock			07/01/2015				A		4,545(5)	) A	<b>\$0</b> <sup>(5)</sup>	401,7	64 D		D					
Common Stock												3,173,383		I		By Wyandanch Partners, L.P. <sup>(6)</sup>				
Common Stock												175,000		I		By Keith Gollust I				
		T	able	II - Deriva (e.g., p							posed of converti									
1. Title of Derivative Security (Instr. 3)	Derivative Conversion Date Executity or Exercise (Month/Day/Year) if ar		Exec if an	Deemed ution Date, y nth/Day/Year)	4. Transa Code ( 8)			Expiration D (Month/Day/`		ate	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. Owners Form: Direct or Indi (I) (Inst	ship of Ind Benefi (D) Owner rect (Instr.	Beneficial Ownership		
					Code	v	(A)	(D)	Date Exercisa	able	Expiration Date	Title	Amount or Number of Shares							
Director Stock Option (Right to Buy)	\$2.2	07/01/2015			A		20,000		(7)		07/01/2025	Common Stock	20,000	\$0	20,000		00 D			
Director Stock Option (Right to Buy)	\$2.2	07/01/2015			A		15,000		(8)		07/01/2025	Common Stock	15,000	\$0	15,000		D			
-97								1											_	

## Explanation of Responses:

<sup>1.</sup> Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as a director of the Issuer on such date.

- 2. Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as Chairman of the Board of Directors of the Issuer on such date.
- 3. Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as Chairman of the Nominating and Governance Committee of the Board of Directors of the Issuer on such date.
- 4. Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as a member of the Audit Committee of the Board of Directors of the Issuer on such date.
- 5. Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as a member of the Compensation Committee of the Board of Directors of the Issuer on such date.
- 6. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, if any, and the inclusion of these shares in this report shall not be deemed an admission of the beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- 7. The option vests as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as a director of the Issuer on such data.
- 8. The option vests as to 25% of the shares on each of September 30, 2015, December 31, 2015, March 31, 2016 and June 30, 2016, provided the Reporting Person continues to serve as Chairman of the Board of Directors of the Issuer on such date.

<u>/s/ Garrett M. Winslow.</u> <u>Attorney-in-Fact</u> <u>07/06/2015</u>

\*\* Signature of Reporting Person D

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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