FORM	4
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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).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Expires: Estimated average burden Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section hours per 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940 response

OMB APPROVAL

3235-0287

2014

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December 31,

OMB

Number:

. ().			Investment Company Act of 1940				
1. Name and A Vukovic Vojo	Address of	Reporting Person [*]	2. Issuer Name and Ticker or Trading Symbol SYNTA PHARMACEUTICALS CORP [SNTA]	Issuer	to		
(Last) C/O SYNTA P CORP., 45 H/			3. Date of Earliest Transaction (Month/Day/Year) 03/03/2014	(Check all applicable) Director 10% Owner X Officer (give title below) (specify below) SVP, Chief Medical Officer			
(Street) LEXINGTON (City)	MA (State)	02421 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Perso Form filed by More than One Reporting Person 	n		

	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
1.Title of Security (Instr. 3)	(· · · ·)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code		4. Secur Acquired Dispose (Instr. 3,	d (A) d of	or (D)	Securities Beneficially	Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
			Code	V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	(Instr. 4)		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	(c.g., paro, variano, optiono, convoltible occurritor)														
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. Transac Code (Instr. 8		of a Derivative D		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)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$ 6.15	03/03/2014		A		141,211		(1)	03/03/2024	Common Stock	141,211	\$ 0	141,211	D	

Explanation of Responses:

1. The option vests as to 25% of the shares on March 3, 2015 and as to an additional 6.25% of the shares on the last day of each successive three-month period thereafter.

/s/ Brian Keane, Attorneyin-Fact 03/05/2014 ** 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.