

FORM 5**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).

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL
OWNERSHIP**

☐ Form 3 Holdings Reported.

☐ Form 4 Transactions Reported.

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*			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<u>Chen Lan Bo</u>			<u>SYNTA PHARMACEUTICALS CORP [</u>			<input checked="" type="checkbox"/> Director 10% Owner		
(Last) (First) (Middle)			<u>SNTA]</u>			Officer (give title Other (specify below)		
<u>184 EAST EMERSON ROAD</u>			3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)			<u>12/31/2012</u>			<input checked="" type="checkbox"/> Form filed by One Reporting Person		
<u>LEXINGTON MA 02420</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)			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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			

**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 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:**Remarks:**

This Statement on Form 5 is filed solely to report that the Reporting Person is no longer subject to Section 16 inasmuch as he resigned as a Director of the Issuer effective March 1, 2012.

/s/ Lan Bo Chen

02/14/2013

** 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.