# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. )\*

	SYNTA PHARMACEUTICALS CORP.
	(Name of Issuer)
	Common Stock, par value \$ 0.0001 per share
	(Title of Class of Securities)
	87162T 20 6
	(CUSIP Number)
	December 31, 2007
	(Date of Event Which Requires Filing of this Statement)
Check the app	propriate box to designate the rule pursuant to which this Schedule is filed:
	Rule 13d-1(b)
	Rule 13d-1(c)
X	Rule 13d-1(d)
district to	

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1.	Names of Reporting Persons Lan Bo Chen						
2.	Check the Appropriate Pay if a Member of a Group (See Instructions)						
۷.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) □						
	(b)						
2							
3.	SEC Use Only						
4.	Citizenship or Place of Organization United States						
	5.	Sole Voting Power 777,535					
Number of Shares	6.	Shared Voting Power 2,662,417					
Owned by Each Reporting Person With	7.	Sole Dispositive Power 777,535					
	8.	Shared Dispositive Power 2,662,417					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,439,952						
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)						
11.	Percent of Class Represented by Amount in Row (9) 10.1%						
12.	Type of Reporting Person (See Instructions) IN						
		2					

1.	1. Names of Reporting Persons Lin-Huey Chen						
2.	Check the Appropriate Box if a Member of a Group (See Instructions)						
2.	(a)						
	(b)						
3.	SEC Use Only						
4.	Citizenship or Place of Organization United States						
	5.	Sole Voting Power 2,004,016					
Number of Shares Beneficially Owned by Each Reporting Person With	6.	Shared Voting Power 1,435,936					
	7.	Sole Dispositive Power 2,004,016					
	8.	Shared Dispositive Power 1,435,936					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,439,952						
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) □						
11.	Percent of Class Represented by Amount in Row (9) 10.1%						
12.	Type of Reporting Person (See Instructions) IN						
		3					

Item 1.					
	(a)	Name of Issuer Synta Pharmaceuticals Corp.			
	(b)		ess of Issuer's Principal Executive Offices		
			rtwell Avenue gton, MA 02421		
Item 2.					
	(a)	Name (i)	of Person Filing Lan Bo Chen		
		(ii)	Lin-Huey Chen		
	(b)	Addre (i)	ess of Principal Business Office or, if none, Residence 184 East Emerson Road		
		(1)	Lexington, MA 02420		
		(ii)	184 East Emerson Road		
			Lexington, MA 02420		
	(c)	Citize (i)	enship United States		
		(ii)	United States		
	(d)		of Class of Securities		
	` /	Comr	non stock, par value \$ 0.0001 per share		
	(e)		CUSIP Number 87162T 20 6		
T. 0	TO .1				
Item 3.		his statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:			
	(a)		Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).		
	(b)		Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).		
	(c)		Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).		
	(d)		Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).		
	(e)		An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)		An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);		
	(g)		A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);		
	(h)		A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);		
	(i)		A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);		
	(j)		Group, in accordance with §240.13d-1(b)(1)(ii)(J).		

#### Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (i) Lan Bo Chen
- (a) Amount beneficially owned:

3,439,952 shares. Consists of 777,535 shares of common stock owned of record by Dr. Lan Bo Chen; 142,223 shares of common stock owned of record by LAJ Holdings LLC, the co-managers of which are Dr. Chen and his spouse, Lin-Huey Chen; 2,004,016 shares of common stock owned of record by the Wisteria Trust, the trustee of which is Dr. Chen's spouse; 243,481 shares of common stock owned of record by the Ann Chen Trust, a co-trustee of which is Dr. Chen's spouse; 243,481 shares of common stock owned of record by the Jane Chen Trust, a co-trustee of which is Dr. Chen's spouse; 12,946 shares of common stock owned of record by the Chen Grandchildren's Trust, a co-trustee of which is Dr. Chen's spouse; 10,210 shares of common stock owned of record by the Alexander Chen Wu 2002 Irrevocable Trust, a co-trustee of which is Dr. Chen's spouse; and 6,060 shares of common stock owned of record by the Allison Chen Wu 2004 Irrevocable Trust, a co-trustee of which is Dr. Chen's spouse;

(b) Percent of class:

10.1%

- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote 777,535
  - (ii) Shared power to vote or to direct the vote 2,662,417
  - (iii) Sole power to dispose or to direct the disposition of 777 535
  - (iv) Shared power to dispose or to direct the disposition of 2,662,417
  - (ii) Lin-Huey Chen
- (a) Amount beneficially owned:

3,439,952 shares. Consists of 777,535 shares of common stock owned of record by Mrs. Chen's spouse, Dr. Lan Bo Chen; 142,223 shares of common stock owned of record by LAJ Holdings LLC, of which Mrs. Chen and her spouse are co-managers; 2,004,016 shares of common stock owned of record by the Wisteria Trust, of which Mrs. Chen is the trustee; 243,481 shares of common stock owned of record by the Ann Chen Trust, of which Mrs. Chen is a co-trustee; 243,481 shares of common stock owned of record by the Jane Chen Trust, of which Mrs. Chen is a co-trustee; 12,946 shares of common stock owned of record by the Chen Grandchildren's Trust, of which Mrs. Chen is a co-trustee; 10,210 shares of common stock owned of record by the Alexander Chen Wu 2002 Irrevocable Trust, of which Mrs. Chen is a co-trustee; and 6,060 shares of common stock owned of record by the Allison Chen Wu 2004 Irrevocable Trust, of which Mrs. Chen is a co-trustee.

(b) Percent of class:

10.1%

- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote 2,004,016
  - (ii) Shared power to vote or to direct the vote 1,435,936
  - (iii) Sole power to dispose or to direct the disposition of 2,004,016
  - (iv) Shared power to dispose or to direct the disposition of 1,435,936

Item 5.	Ownership of Five Percent or Less of a Class		
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following $\Box$ .			
Not Applicabl	e		
Item 6.	Ownership of More than Five Percent on Behalf of Another Person		
Not Applicabl	e e		
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person		
Not Applicabl	e		
Item 8.	Identification and Classification of Members of the Group		
Not Applicable			
Item 9.	Notice of Dissolution of Group		
Not Applicable			

## Item 10. Certification

Not Applicable

### Signature

After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Date: February 14, 2008 /s/ Lan Bo Chen

Lan Bo Chen

Date: February 14, 2008 /s/ Lin-Huey Chen

Lin-Huey Chen

# JOINT ACQUISITION STATEMENT PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the other, except to the extent that he, she or it knows or has reason to believe that such information is inaccurate.

Date: February 14, 2008		/s/ Lan Bo Chen Lan Bo Chen
Date: February 14, 2008		/s/ Lin-Huey Chen Lin-Huey Chen
	7	