UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

	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, 2010
	(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)

*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 Repo	orting Persons			
2.	Check the Apr	propriate Box if a Member of a Group (See Instructions)			
	(a)				
	(b)				
3.	SEC Use Only				
4.	Citizenship or Place of Organization United States				
	5.	Sole Voting Power 0			
Number of Shares Beneficially Dwned by Each Reporting Person With	6.	Shared Voting Power 3,377,252			
	7.	Sole Dispositive Power 0			
	8.	Shared Dispositive Power 3,377,252			
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,377,252				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)				
11.	Percent of Class Represented by Amount in Row (9) 8.0% (based on 42,090,205 shares outstanding on December 31, 2010).				
12.	Type of Repor	ting Person (See Instructions)			
		2			

1.	Names of Repo	orting Persons			
2.	Check the App	propriate Box if a Member of a Group (See Instructions)			
	(a)				
	(b)				
3.	SEC Use Only				
4.	Citizenship or Place of Organization United States				
	5.	Sole Voting Power 0			
Number of Shares Beneficially Dwned by Each Reporting Person With	6.	Shared Voting Power 3,377,252			
	7.	Sole Dispositive Power 0			
	8.	Shared Dispositive Power 3,377,252			
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 3,377,252				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) □				
11.	Percent of Class Represented by Amount in Row (9) 8.0% (based on 42,090,205 shares outstanding on December 31, 2010).				
12.	Type of Reporting Person (See Instructions) IN				
		3			

Item 1.					
	(a)		of Issuer Pharmaceuticals Corp.		
	(b)	45 Ha	ess of Issuer's Principal Executive Offices rtwell Avenue agton, MA 02421		
Item 2.					
	(a)		of Person Filing n Bo Chen		
		(ii) Li	in-Huey Chen		
	(b)	(i) 184	ess of Principal Business Office or, if none, Residence 4 East Emerson Road xington, MA 02420		
		. ,	4 East Emerson Road xington, MA 02420		
	(c)	Citizenship (i) United States			
		(ii) Ur	nited States		
	(d)	(d) Title of Class of Securities Common Stock, par value \$0.0001 per share			
	(e)	CUSIP Number 87162T 20 6			
Item 3.	If this	s staten	nent 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)		A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);		
	(k)		Group, in accordance with $\S 240.13d-1(b)(1)(ii)(K)$. If filing as a non-U.S. institution in accordance with $\S 240.13d-1(b)(1)(ii)(J)$, please specify the type of institution:		

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:

3,377,252 shares. Consists of 638,932 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 manager of which is Dr. Chen's spouse, Lin-Huey Chen, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 776,319 shares of common stock owned of record by the Wisteria Trust, the trustee of which is Dr. Chen's spouse, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 243,481 shares of common stock owned of record by the Ann Chen Trust, a co-trustee of which is Dr. Chen's spouse, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 243,481 shares of common stock owned of record by the Jane Chen Trust, a co-trustee of which is Dr. Chen's spouse, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 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, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 25,510 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 of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 21,360 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, and of which Dr. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 141,103 shares of common stock owned of record by the Lan Bo Chen 2009 GRAT, of which Dr. Chen is the trustee; 881,897 shares of common stock owned of record by the Lin-Huey Chen 2009 GRAT, of which Dr. Chen's spouse is the trustee; and 250,000 shares of common stock owned of record by the Lin-Huey Chen 2010 GRAT, of which Dr. Chen's spouse is the trustee.

(b) Percent of class:

8.0% (based on 42,090,205 shares outstanding on December 31, 2010).

- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

U

- (ii) Shared power to vote or to direct the vote 3,377,252
- (iii) Sole power to dispose or to direct the disposition of 0
- (iv) Shared power to dispose or to direct the disposition of 3,377,252
- (ii) Lin-Huey Chen
- (a) Amount beneficially owned:

3,377,252 shares. Consists of 638,932 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 is the manager, and of which Mrs. Chen disclaims beneficial ownership except to the extent of any pecuniary interest therein; 776,319 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; 25,510 shares of common stock owned of record by the Alexander Chen Wu 2002 Irrevocable Trust, of which Mrs. Chen is a co-trustee; 21,360 shares of common stock owned of record by the Allison Chen Wu 2004 Irrevocable Trust, of which Mrs. Chen is a co-trustee; 141,103 shares of common stock owned of record by the Lan Bo Chen 2009 GRAT, of which Mrs. Chen's spouse is the trustee; 881,897 shares of common stock owned of record by the Lin-Huey Chen 2009 GRAT, of which Mrs. Chen is the trustee; and 250,000 shares of common stock owned of record by the Lin-Huey Chen 2010 GRAT, of which Mrs. Chen is the trustee.

(b) Percent of class:

8.0% (based on 42,090,205 shares outstanding on December 31, 2010).

- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote
 - (ii) Shared power to vote or to direct the vote 3,377,252

(iii)	Sole power to dispose or to direct the disposition of
	0
(iv)	Shared power to dispose or to direct the disposition of 3.377.252

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 Applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person

Not Applicable

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.

6