SUNESIS PHARMACEUTICALS INC Form SC 13G February 14, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No.) *

_____ Sunesis Pharmaceuticals, Inc. (Name of Issuer) Common Stock, par value \$0.0001 per share -----(Title of Class of Securities) 867328 50 2 _____ (CUSIP Number) December 31, 2005 ______ (Date of Event Which Requires Filing of this Statement) Check the appropriate 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 (the "Act") or otherwise subject to the liabilities of that section of the

Act but shall be subject to all other provisions of the Act.

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CUSIP	NO. 867328 50 2					
1	NAME(S) OF REPORTING PERSON(S) S.S. OR I.R.S. IDENTIFICATION NO(S). OF ABOVE PERSON(S) Biogen Idec Inc.					
	33-0112644					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b)					
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Delaware					
		5	SOLE VOTING POWER			
NU	JMBER		CHARED VOTING DOMED			
OF SHARES BENEFICIALLY		6	SHARED VOTING POWER 2,912,022			
OWNED BY		7	SOLE DISPOSITIVE POWER			
EACH REPORTING			0			
PERSON WITH		8	SHARED DISPOSITIVE POWER			
			2,912,022			
9	AGGREGATE AMOU	JNT BEN	NEFICIALLY OWNED BY EACH REPORTING PERSON			
 10	CHECK BOX IF	 ГНЕ AGO	GREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHA			

	Not applicable			
 11	PERCENT OF CLAS	SS REPI	RESENTED BY AMOUNT IN ROW 9	
	13.6%			
 12	TYPE OF REPORT	ING PE	RSON	
	CO			
			Page 2 of 8	
 CUSIP	NO. 867328 50 2			
1	NAME(S) OF REPO		PERSON(S) IFICATION NO(S). OF ABOVE PERSON(S)	
	Biogen Idec MA 04-3002117	Inc.		
2	CHECK THE APPRO	PRIATI	E BOX IF A MEMBER OF A GROUP	(a) []
				(b) []
3	SEC USE ONLY			
4	CITIZENSHIP OR	PLACE	OF ORGANIZATION	
	Massachusetts			
		5	SOLE VOTING POWER	
			0	
	MBER	6	SHARED VOTING POWER	
	SHARES		2,912,022	
	ED BY	 7	SOLE DISPOSITIVE POWER	

EACH REPORTING			0		
PERSON WITH		8	SHARED DISPOSITIVE POWER 2,912,022		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,912,022				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES Not applicable				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
12	TYPE OF RE	PORTING PER	RSON		
			Page 3 of 8		
Item 1	(a)	Name of Is	ssuer narmaceuticals, Inc.		
Item 1	(b)	341 Oyster	f Issuer's Principal Executive Offices r Point Blvd. Francisco, California 94080		
Item 2	(a)	(i) E	Persons Filing Biogen Idec Inc. Biogen Idec MA Inc.		
Item 2	(b)	(i) 1	f Principal Business Office or, if none, Residence 14 Cambridge Center, Cambridge, Massachusetts 02142 14 Cambridge Center, Cambridge, Massachusetts 02142		
Item 2	(c)	Citizenshi	ip		

J	Ū				
	(i) (ii)	Delaware Massachusetts			
Item 2(d)	Title	of Class of Securities			
	Commo	n Stock, par value \$0.0001 per share			
Item 2(e)	CUSIP Number				
	86732	8 50 2			
Item 3	If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:				
	Not Applicable				
(a)	[]	Broker or dealer registered under Section 15 of the Act;			
(b)	[]	Bank as defined in section 3(a)(6) of the Act;			
(c)	[]	Insurance company as defined in Section 3(a)(19) of the Act;			
(d)	[]	Investment company registered under Section 8 of the Investment Company Act;			
(e)	[]	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);			
		Page 4 of 8			
(f)	[]	An employee benefit plan or endowment fund in accordance with Rule $13d-1(b)(1)(ii)(F)$;			
(g)	[]	A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);			
(h)	[]	A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act;			
(i)	[]	A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act;			

(j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4 Ownership

(a) Amount Beneficially Owned:

2,912,022

Shares of Sunesis Common Stock are owned directly by Biogen Idec MA Inc., a wholly owned subsidiary of Biogen Idec Inc., and indirectly by Biogen Idec Inc.

(b) Percent of Class:

13.6%.

This percentage was calculated based on disclosure in the Issuer's Quarterly Report on Form 10-Q filed November 14, 2005, that on November 10, 1005, there were 21,460,214 shares of Common Stock outstanding.

- (c) Number of shares as to which such persons have:
 - (i) sole power to vote or to direct the vote:

0

(ii) shared power to vote or to direct the vote:

2,912,022

(iii) sole power to dispose or to direct the disposition of:

0

(iv) shared power to dispose or to direct the disposition of:

2,912,022

Item 5 Ownership of Five Percent or Less of a Class

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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 [].

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

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

INDEX TO EXHIBITS

Exhibit Number Exhibit

99.1 Joint Filing Agreement

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Signature

After reasonable inquiry and to the best of my knowledge and belief, ${\tt I}$ certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2006

BIOGEN IDEC INC.

By: /s/ Michael F. Phelps

Name: Michael F. Phelps

Title: Vice President, Treasurer

BIOGEN IDEC MA INC.

By: /s/ Michael F. Phelps

Name: Michael F. Phelps

Title: Vice President, Treasurer

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