LYNX THERAPEUTICS INC Form SC 13G/A February 13, 2004

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

WASHINGTON, D.C. 20549
SCHEDULE 13G
(Amendment No. 2) *
Under the Securities Exchange Act of 1934
Lynx Therapeutics, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
551812308
(CUSIP Number)
December 31, 2003
(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) [X] Rule 13d-1(c) [] 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 disclosures provided in a prior cover page.
The information required on 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).

CUSIP NO. 551812-30-8

SCHEDULE 13G

PAGE 2 OF 13 PAGES

1.	NAME OF REPORTING PERSON/S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	SENECA CAPITAL, L.P.				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]				
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE OF ORGANIZATION				
	DELAWARE				
	5. SOLE VOTING POWER				
	0				
NUMBER OF SHARES	6. SHARED VOTING POWER				
BENEFICIALLY OWNED BY	33,085				
EACH REPORTING	7. SOLE DISPOSITIVE POWER				
PERSON WITH:	0				
	8. SHARED DISPOSITIVE POWER				
	33,085				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	33,085				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	0.61%				
12.	TYPE OF REPORTING PERSON*				
	PN				
CUSIP NO. 551812					
1.	NAME OF REPORTING PERSON/S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	SENECA CAPITAL II, L.P.				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]				

3.	SEC USE ONLY
•	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION
	DELAWARE
	5. SOLE VOTING POWER
WWW.	0
NUMBER OF SHARES	6. SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH	1,085
REPORTING PERSON	7. SOLE DISPOSITIVE POWER
WITH:	0
	8. SHARED DISPOSITIVE POWER
	1,085
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	1,085
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	0.02%
12.	TYPE OF REPORTING PERSON*
	PN
CUSIP NO. 551812	
1.	NAME OF REPORTING PERSON/S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
	SENECA CAPITAL ADVISORS, LLC
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]
3.	SEC USE ONLY
4.	CITIZENSHIP OR PLACE OF ORGANIZATION
	DELAWARE

	5. SOLE VOTING POWER					
NUMBER OF SHARES	0					
	6. SHARED VOTING POWER					
BENEFICIALLY OWNED BY	34,170					
EACH REPORTING	7. SOLE DISPOSITIVE POWER					
PERSON WITH:	0					
	8. SHARED DISPOSITIVE POWER					
	34,170					
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	34,170					
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []					
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	0.63%					
12.	TYPE OF REPORTING PERSON					
	00 - LIMITED LIABILITY COMPANY					
CUSIP NO. 55181:						
1.	NAME OF REPORTING PERSON/S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
	SENECA CAPITAL INTERNATIONAL, LTD.					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]					
3.	SEC USE ONLY					
4.	CITIZENSHIP OR PLACE OF ORGANIZATION					
	CAYMAN ISLANDS, BRITISH WEST INDIES					
	5. SOLE VOTING POWER					
	0					
NUMBER OF SHARES BENEFICIALLY	6. SHARED VOTING POWER					

OWNED BY	78,151				
EACH REPORTING PERSON WITH:	7. SOLE DISPOSITIVE POWER 0				
	8. SHARED DISPOSITIVE POWER				
	78,151				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	78,151				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	1.43%				
12.	TYPE OF REPORTING PERSON				
	со				
CUSIP NO. 55181: 	NAME OF REPORTING PERSON/S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON SENECA CAPITAL INVESTMENTS, LLC				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]				
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE OF ORGANIZATION				
	DELAWARE				
	5. SOLE VOTING POWER				
	0				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING	6. SHARED VOTING POWER				
	79,008				
	7. SOLE DISPOSITIVE POWER				
REPORTING PERSON WITH:	7. SOLE DISPOSITIVE POWER 0				

79,008

		79,008			
9.	AGGREGATE AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	79,008				
10.	CHECK BOX IF T CERTAIN SHARES	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES []			
 11.	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)			
	1.44%				
12 .	TYPE OF REPORT	ING PERSON			
	00 - LIMITED L	LIABILITY COMPANY			
CUSIP NO. 551812	2-30-8	SCHEDULE 13G PAGE 7 OF 13 PAGES			
1.	NAME OF REPORT NO. OF ABOVE P	TING PERSON/S.S. OR I.R.S. IDENTIFICATION PERSON			
	DOUGLAS A. HIRSCH				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (A) [] (B) [X]				
3.	SEC USE ONLY				
4.	CITIZENSHIP OR	R PLACE OF ORGANIZATION			
	USA				
	5	5. SOLE VOTING POWER			
NUMBER OF		0			
NUMBER OF SHARES	6	S. SHARED VOTING POWER			
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		113,178			
	7	7. SOLE DISPOSITIVE POWER			
		0			
	8	3. SHARED DISPOSITIVE POWER			
		113,178			
9.	AGGREGATE AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	113,178				
10.	CHECK BOX IF T CERTAIN SHARES	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES []			

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11. 2.05% ______ TYPE OF REPORTING PERSON ______ SCHEDULE 13G CUSIP No. 551812-30-8 Page 8 of 13 Pages ITEM 1. (a) Name of Issuer: Lynx Therapeutics, Inc. (b) Address of Issuer's Principal Executive Offices: 25861 Industrial Boulevard, Hayward, California 94545 _____ ITEM 2. (a) Name of Persons Filing: (b) Address or principal business office or, if none, residence: (c) Citizenship: Seneca Capital, L.P. 950 Third Avenue, 29th Floor New York, NY 10022 (Delaware limited partnership) Seneca Capital II, L.P. 950 Third Avenue, 29th Floor New York, NY 10022 (Delaware limited partnership) Seneca Capital Advisors, LLC 950 Third Avenue, 29th Floor New York, NY 10022 (Delaware limited liability company) Seneca Capital International, Ltd. c/o Consolidated Fund Management (BVI) Limited PO Box HM 2257 Par La Ville Place 14 Par La Ville Road Hamilton HMJX, Bermuda (Cayman Islands (BWI) Company) Seneca Capital Investments, LLC 950 Third Avenue, 29th Floor New York, NY 10022

(Delaware limited liability company)

Douglas A. Hirsch c/o Seneca Capital 950 Third Avenue, 29th Floor New York, NY 10022 (United States Citizen)

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CUSIP	No.	5	51812-30-8			Page 9 of 13 Pages
ITEM	2(d).		Title of Cla	ss of Securities:	Common stoc	
ITEM	2(e).		CUSIP Number	: 551812-30-8		
ITEM			S STATEMENT IS F		RULE 13D-1(B),	OR 13D-2(B), CHECK
	(a)	[]		registered under	Section 15 of	the Act
				in section 3(a)(6) y as defined in se		
	(d)	[]	Investment Comp	any registered ι		8 of the Investment
	(e)	[]	Investment Advi		der section 20	3 of the Investment
	(f)	[]	Employee Benefi provisions of th	e Employee Retire	fund which	
	(g)	[]	A Parent Holding		crol person,	in accordance with
	(h)	[]	A Savings Assoc	1(b)(ii)(G)(Note: riation as defined te Act (12 U.S.C. 1	d in Section	3(b) of the Federal
	(i)	[]	A Church Plan investment comp	that is exclude eany under Section	ed from the 3(c)(14) of	definition of an
	(j)	[]		940 (15 U.S.C. 80a lance with Section		(1)(ii)(J)
If th	is st	tate	nent is filed pur	suant to Rule 240.	.13d-1(c), che	eck this box [X].
ITEM	4.	OWN	CRSHIP			
				tion regarding the		mber and percentage
			APITAL, L.P. (1) unt Beneficially	Owned: 33,085		
	(b)	Per	cent of Class:	0.61%		
	(c)	Numl	 per of shares as	to which such pers	son has:	
		(i)	sole power to v	ote or to direct t	the vote: 0)
		(ii	shared power to	vote or to direct	 t the vote: 3	 3 , 085

	(iii) sole power to dispose or to direct the dispo	sition of: 0
	(iv) shared power to dispose or to direct the dis	position of: 33,085
	CA CAPITAL II, L.P. (2) Amount Beneficially Owned: 1,085	
(b)	Percent of Class: 0.02%	
(c)	Number of shares as to which such person has:	
	(i) sole power to vote or to direct the vote:	0
	(ii) shared power to vote or to direct the vote:	1,085
	SCHEDULE 13G	
CUSIP No.	551812-30-8	Page 10 of 13 Pages
	(iii) sole power to dispose or to direct the dispo	sition of: 0
	(iv) shared power to dispose or to direct the dis	position of: 1,085
	CA CAPITAL ADVISORS, LLC (3) Amount Beneficially Owned: 34,170	
(b)	Percent of Class: 0.63%	
(c)	Number of shares as to which such person has:	
	(i) sole power to vote or to direct the vote:	0
	(ii) shared power to vote or to direct the vote:	34,170
	(iii) sole power to dispose or to direct the dispo	sition of: 0
	(iv) shared power to dispose or to direct the dis	position of: 34,170
	CA CAPITAL INTERNATIONAL, LTD. (4) Amount Beneficially Owned: 78,151	
(b)	Percent of Class: 1.43%	
(c)	Number of shares as to which such person has:	
	(i) sole power to vote or to direct the vote:	0
	(ii) shared power to vote or to direct the vote:	78,151
	(iii) sole power to dispose or to direct the dispo	
	(iv) shared power to dispose or to direct the dis	position of: 78,151
	CA CAPITAL INVESTMENTS, LLC (5) Amount Beneficially Owned: 79,008	

(b)	Percent of Class: 1.44%
(c)	Number of shares as to which such person has:
	(i) sole power to vote or to direct the vote: 0
	(ii) shared power to vote or to direct the vote: 79,008
	(iii) sole power to dispose or to direct the disposition of: 0
	(iv) shared power to dispose or to direct the disposition of: 79,008
	LAS A. HIRSCH (6) Amount Beneficially Owned: 113,178
(b)	Percent of Class: 2.05%
(c)	Number of shares as to which such person has:
	(i) sole power to vote or to direct the vote: 0
	(ii) shared power to vote or to direct the vote: 113,178
	(iii) sole power to dispose or to direct the disposition of: 0
	(iv) shared power to dispose or to direct the disposition of: 113,178
(1)	Represents 33,085 shares of common stock which Seneca Capital, L.P. has a right to acquire upon the exercise of warrants.
(2)	Represents 1,085 shares of common stock which Seneca Capital II, L.P. has a right to acquire upon the exercise of warrants.
(3)	Shares reported for Seneca Capital Advisors, LLC represent warrants beneficially owned by Seneca Capital, L.P. and Seneca Capital II, L.P. Seneca Capital Advisors, LLC is the sole general partner of Seneca Capital, L.P. and of Seneca Capital II, L.P.
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CUSIP No.	551812-30-8 Page 11 of 13 Pages
(4)	Represents 78,151 shares of common stock which Seneca Capital International, Ltd. has a right to acquire upon the exercise of warrants.
(5)	Shares reported for Seneca Capital Investments, LLC include shares beneficially owned by Seneca Capital International, Ltd. Seneca Capital Investments, LLC is sole investment manager of Seneca Capital International, Ltd.
(6)	Shares reported for Douglas A. Hirsch include shares beneficially owned by Seneca Capital, L.P., Seneca Capital II, L.P. and Seneca Capital International, Ltd., which entities may be deemed to be controlled by Mr. Hirsch because he is the Manager of Seneca Capital Advisors, LLC (the sole General Partner of Seneca Capital, L.P. and of Seneca Capital II, L.P.) and the Manager of Seneca Capital

Investments, LLC (the investment manager of Seneca Capital International, Ltd.).

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 [X].

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employees benefit plan, pension fund or endowment fund is not required. NOT APPLICABLE.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

If a parent holding company has filed this schedule, pursuant to Rule 13d-1(b) (ii) (G), so indicate under Item 3 (g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company has filed this schedule pursuant to Rule 13d-1(c), attach an exhibit stating the identification of the relevant subsidiary. NOT APPLICABLE.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

If a group has filed this schedule pursuant to Rule 13d-1(b) (ii) (J), so indicate under Item 3(h) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to Rule 13d-1(d), attach an exhibit stating the identity of each member of the group. NOT APPLICABLE.

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ITEM 9. NOTICE OF DISSOLUTION OF GROUP

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security report on will be filed, if required, by members of the group, in their individual capacity. NOT APPLICABLE.

ITEM 10. CERTIFICATION

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of and

do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

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

Date: February 12, 2004

SENECA CAPITAL, L.P.

By Seneca Capital Advisors, LLC, its General Partner

By: /S/ Douglas A. Hirsch

Douglas A. Hirsch, Its Managing Member

SENECA CAPITAL II, L.P.

By Seneca Capital Advisors, LLC, its General Partner

By: /S/ Douglas A. Hirsch

Douglas A. Hirsch, Its Managing Member

SENECA CAPITAL ADVISORS, LLC

By: /S/ Douglas A. Hirsch

Douglas A. Hirsch, Its Managing Member

SENECA CAPITAL INTERNATIONAL, LTD.

By Seneca Capital Investments, LLC, its Investment Manager

Douglas A. Hirsch, Its Managing Member

SENECA CAPITAL INVESTMENTS, LLC

By: /S/ Douglas A. Hirsch

Douglas A. Hirsch, Its Managing Member

By: /S/ Douglas A. Hirsch

Douglas A. Hirsch, Individually

By: /S/ Douglas A. Hirsch