

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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* <u>LYONS GARY A</u> (Last) (First) (Middle) <u>12790 EL CAMINO REAL</u> (Street) <u>SAN DIEGO CA 92130</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>NEUROCRINE BIOSCIENCES INC [NBIX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">President and CEO</p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/14/2005</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/14/2005		A ⁽¹⁾⁽³⁾		5,645	A	\$42.78	632,368	D ⁽²⁾	

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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Variable prepaid forward contract (put equivalent position)	(1)(3)	02/14/2005		X ⁽¹⁾⁽³⁾			150,000 ⁽¹⁾⁽³⁾	02/11/2003	02/14/2005	Common Stock	150,000	(1)(3)	0 ⁽¹⁾⁽³⁾	D	

Explanation of Responses:

- Reporting person entered into a prepaid forward purchase agreement dated February 11, 2003, pursuant to which, (i) the reporting person delivered to the broker, the shares listed in item 7 as collateral for the reporting person's obligations, (ii) the broker delivered to the reporting person, an agreed percentage of the market value of the shares listed in item 7 as collateral for broker's obligations, and (iii) the reporting person is obligated to deliver to the broker payment in stock or cash pursuant to the following formula: At Maturity (two years from date of transaction) (Payment in Stock or Cash, if available): (1) If NBIX price is < downside protection price: reporting person pays Salomon Smith Barney Number of Shares x NBIX price; (2) if NBIX price is between downside protection price and capped upside protection price: reporting person pays Salomon Smith Barney Number of Shares x downside protection price;
- 481,587 non-derivative shares are held by the Reporting Person; 144,281 non-derivative shares are held indirectly by the GEL Limited Liability Company; 6,500 non-derivative shares are held indirectly by the Gary A. Lyons and Eryn H. Lyons Family Trust.
- Footnote (1) continued: The parties agreed to a maturity date of February 14, 2005. Accordingly on the maturity date the reporting person settled his obligation by delivering to buyer 144,355 non-derivative shares and retaining ownership of the remaining 5,645 pledged non-derivative shares.

Remarks:

Margaret E. Valeur-Jensen, By 03/07/2005
Power of Attorney
 ** 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.

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