

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>THOMAS CYNTHIA J</u>	2. Date of Event Requiring Statement (Month/Day/Year) 03/01/2004	3. Issuer Name and Ticker or Trading Symbol <u>NEUROCRINE BIOSCIENCES INC [NBIX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <u>VP, Human Resources</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>10555 SCIENCE CENTER DRIVE</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>SAN DIEGO CA 92121</u>			
(City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	4,170	D	
Common Stock ⁽¹⁾	500	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Stock Option	09/19/1998	08/19/2008	Common Stock	5,000	6.5	D
Stock Option	07/01/1999	06/01/2009	Common Stock	14,000	4.875	D
Stock Option	05/06/2000	04/06/2010	Common Stock	20,000	19.4375	D
Stock Option	05/18/2001	04/18/2011	Common Stock	10,000	24.33	D
Stock Option	06/24/2001	05/24/2011	Common Stock	15,000	35.14	D
Stock Option	03/07/2002	02/07/2012	Common Stock	30,000	36.79	D
Stock Option	06/22/2003	05/22/2013	Common Stock	15,000	48.51	D

Explanation of Responses:

1. Represents common stock shares granted to Reporting Person of which 1/48th of the shares becomes vested on April 1, 2004; an additional 1/48th of the shares becomes vested each month thereafter.

Remarks:

Paul W. Hawran, By Power of Attorney 03/03/2004

** 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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.