

## 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

OMB APPROVAL

OMB Number: 3235-0104  
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1. Name and Address of Reporting Person* <u>Grigoriadis Dimitri E.</u>  (Last) (First) (Middle) <u>NEUROCRINE BIOSCIENCES, INC.</u> <u>12790 EL CAMINO REAL</u>  (Street) <u>SAN DIEGO CA 92130</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/10/2008</u>	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) Other (specify below) <u>Vice President, Research</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  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

## 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)
<u>Common Stock</u>	<u>4,358</u>	<u>D</u>	

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	Title	Amount or Number of Shares			
<u>Employee Stock Option (right to buy)<sup>(1)</sup></u>	<u>09/19/1998</u>	<u>08/19/2008</u>	<u>Common Stock</u>	<u>7,500</u>	<u>6.5</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(2)</sup></u>	<u>07/01/1999</u>	<u>06/01/2009</u>	<u>Common Stock</u>	<u>4,000</u>	<u>4.875</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>07/23/2013</u>	<u>Common Stock</u>	<u>937</u>	<u>10.9</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>09/26/2013</u>	<u>Common Stock</u>	<u>4,737</u>	<u>10.9</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>06/22/2010</u>	<u>Common Stock</u>	<u>3,750</u>	<u>10.9</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>06/26/2011</u>	<u>Common Stock</u>	<u>3,125</u>	<u>10.9</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>07/05/2012</u>	<u>Common Stock</u>	<u>3,250</u>	<u>10.9</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)<sup>(3)</sup></u>	<u>09/26/2007</u>	<u>09/05/2012</u>	<u>Common Stock</u>	<u>10,125</u>	<u>10.9</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(4)</u>	<u>(4)</u>	<u>Common Stock</u>	<u>16,667</u>	<u>(5)</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(6)</u>	<u>(6)</u>	<u>Common Stock</u>	<u>10,000</u>	<u>(5)</u>	<u>D</u>	

## Explanation of Responses:

1. Represents option of which one forty-eighth (1/48) of the shares underlying the option becomes vested and exercisable on September 19, 1998 and an additional one forty-eighth (1/48) of the shares underlying the option becomes vested and exercisable each month thereafter.
2. Represents option of which one forty-eighth (1/48) of the shares underlying the option becomes vested and exercisable on July 1, 1999 and an additional one forty-eighth (1/48) of the shares underlying the option becomes vested and exercisable each month thereafter.
3. This option is exercisable in three annual installments. The first installment became exercisable on September 26, 2007, and the next two installments become exercisable on September 26, 2008 and September 26, 2009.
4. The restricted stock units vest in three annual installments. The first installment became exercisable on October 26, 2007, and the next two installments become exercisable on September 26, 2008 and September 26, 2009.
5. Each restricted stock unit represents a contingent right to receive one share of NBIX common stock.
6. The restricted stock units vest in three annual installments beginning February 3, 2008 and the next two installments become exercisable on January 3, 2009 and January 3, 2010.

## Remarks:

Margaret E. Valeur-Jensen, By 01/17/2008  
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 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.

LIMITED POWER OF ATTORNEY - SECURITIES LAW COMPLIANCE

The undersigned, as an Officer of Neurocrine Biosciences, Inc. (the "Corporation"), hereby constitutes and appoints, jointly and severally Kevin C. Gorman, Margaret E. ValeurJensen and Timothy P. Coughlin, hereby and each of them, the undersigned's true and lawful attorney-in-fact and agent, each with the power of substitution for him in any and all capacities to complete and execute such Forms 144, advisable pursuant to Rule 144 promulgated under the Securities Act of 1933 (as amended) and Forms 3, 4, and 5 advisable pursuant to section 16 of the Securities Exchange Act of 1934, and other forms as such attorney shall in his or her discretion determine to be required by the rules and regulations promulgated thereunder, or any successor laws and regulations, as a consequence of the undersigned's ownership, acquisition or disposition of securities of the Corporation, and to do all acts necessary in order to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Corporation and such other person or agency as the attorney shall deem appropriate. The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agents shall do or cause to be done by virtue hereof.

This Limited Power of Attorney is executed at San Diego, California, as of the date set forth below.

(Signature)

Dimitri Grigoriadis

Date: 1/10/08