FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO              | DVAL      |  |  |  |  |  |
|------------------------|-----------|--|--|--|--|--|
| OMB Number:            | 3235-0287 |  |  |  |  |  |
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| hours per response:    | 0.5       |  |  |  |  |  |

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*                         |  |        |                       |                                |     | 2. Issuer Name <b>and</b> Ticker or Trading Symbol NEUROCRINE BIOSCIENCES INC       |  |                         |   |      |   |  |                                    |                        | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |   |                 |   |      |  |
|--|--|--------|-----------------------|--------------------------------|-----|---|--|-------------------------|---|------|---|--|------------------------------------|------------------------|---|--|---|-----------------|---|------|--|
| GORMAN KEVIN CHARLES   |  |        |                       |                                |     | NBIX ]  |  |                         |   |      |   |  |                                    |                        | X Director  |  |   |                 | 10% C   | wner |  |
| (Last) (First) (Middle)  |  |        |                       |                                | 110 | MDIA 1  |  |                         |   |      |   |  |                                    |                        | X   | Office<br>below  | r (give title   |                 | Other (specify below)   |      |  |
| NEUDOCDINE DIOCCIENCES INC                                       |  |        |                       |                                |     |   | 3. Date of Earliest Transaction (Month/Day/Year) |                         |   |      |   |  |                                    |                        | President and CEO   |  |   |                 |   |      |  |
| 12780 EL CAMINO REAL   |  |        |                       |                                |     | 01/10/2014  |  |                         |   |      |   |  |                                    |                        |   |  |   |                 |   |      |  |
| [  |  |        |                       |                                |     | 4. If Amendment, Date of Original Filed (Month/Day/Year)                            |  |                         |   |      |   |  |                                    |                        | 6. Individual or Joint/Group Filing (Check Applicable                   |  |   |                 |   |      |  |
| (Street)   |  |        |                       |                                |     |   |  |                         |   |      |   |  |                                    |                        | Line)  X Form filed by One Reporting Person                             |  |   |                 |   |      |  |
| SAN DIEGO CA 92130   |  |        |                       |                                |     |   |  |                         |   |      |   |  |                                    |                        |   | Form filed by More than One Reporting  |   |                 |   |      |  |
| (City)   | (SI  | ate) ( | Zip)                  |                                |     |   |  |                         |   |      |   |  |                                    |                        |   | Perso  | Л   |                 |   |      |  |
|  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |        |                       |                                |     |   |  |                         |   |      |   |  |                                    |                        |   |  |   |                 |   |      |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/ |  |        |                       |                                |     | Execution Date,   |  |                         | 3.<br>Transaction<br>Code (Instr.<br>8) 4. Securities Acquired<br>Disposed Of (D) (Instr. |      |   |  |                                    | 5)   S                 | Securities F<br>Beneficially (  |  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |                 | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |      |  |
|  |  |        |                       |                                |     | Code  | v  | Amount                  | (A) (D)   | or P | Price   |  | Transaction(s)<br>(Instr. 3 and 4) |                        |   |  | (111501.4)  |                 |   |      |  |
| Common Stock 01/10/20  |  |        |                       |                                |     |   | .014   |                         | S <sup>(1)</sup>  |      | 3,750 D   |  | \$                                 | \$1 <mark>8.5</mark> 7 | .57 <sup>(2)</sup> 1  |  | 0,952   | D               |   |      |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |        |                       |                                |     |   |  |                         |   |      |   |  |                                    |                        |   |  |   |                 |   |      |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | tive Conversion Date Executio<br>ty or Exercise (Month/Day/Year) if any  |        | on Date,<br>Day/Year) | Date, Transaction Code (Instr. |     | 5. Nu<br>of<br>Deriv<br>Secu<br>Acqu<br>(A) o<br>Dispo<br>of (D)<br>(Instr<br>and 5 | rative<br>rities<br>ired<br>r<br>osed<br>)       | 6. Date Expirat (Month) | ion Da<br>/Day/Y  |      | Amount of Securities Underlying Derivative Security (Instr. and 4)  Amour or Numbe of |  | ount                               | -                      |   | 9. Number o<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Owner<br>Form<br>Direct<br>or Inc<br>(I) (In                      | t (D)<br>direct | 11. Nature of Indirect Beneficial Ownership (Instr. 4)            |      |  |

## **Explanation of Responses:**

- 1. Sale of 3,750 shares of common stock issued upon vesting of 7,500 restricted stock units on January 10, 2014 to cover payroll and withholding taxes, with the balance of the shares (3,750) maintained by the Reporting Person; the sale was affected by a broker pursuant to instructions set forth in a Rule 10b5-1 plan adopted by the Reporting Person and delivered to the broker on May 28, 2013.
- 2. Represents a weighted average sales price per share. The prices actually received ranged from \$18.41 to \$18.81. The Reporting Person has provided to the issuer, and will provide to any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.

## Remarks:

Margaret E. Valeur-Jensen, By
Power of Attorney

\*\* Signature of Reporting Person

01/13/2014

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.

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.