FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Washington, D.C. 20549

| OMB | APPROVAL | |
|-----|----------|--|

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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

| | | | | | | | | ion 30(h) of th | | | | | | | | _ | | | | |
|---|---------|--|--|----|--|----------------|---|--|---------------|--|--------------------|---|--------------------------------|--|--|---|---|---|--------------------------------------|--|
| 1. Name and Address of Reporting Person* BAKER JULIAN | | | | | 2. Issuer Name and Ticker or Trading Symbol INCYTE CORP [INCY] | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner | | | | | | | | |
| (Last) (First) (Middle) 667 MADISON AVENUE, 21ST FLOOR | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/16/2015 | | | | | | | Officer (give title Other (specify below) | | | | | | |
| (Street) NEW YORK NY US 10065 | | | | | | 4. If <i>A</i> | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person | | | | | | |
| (City) | (5 | State) | (Zip) | | | | | | | | | | | | | | | | | |
| | | | Table I - I | _ | | | e Se | curities A | cquire | ed, D | 1 | | | lly (| Owned | | | | | |
| 1. Title of Security (Instr. 3) | | | 2. Transaction Date (Month/Day/Y | | | Exe if an | Deemed cution Date, ny nth/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired Disposed Of (D) (Instr | | |) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. | | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | | (Instr. 3 and 4 | 1) | | | 4) | |
| Common | Stock | | | 09 | 9/16/2 | 015 | | | M | | 7,292 | A | (1) | | 58,632 | (2) | Ι | | | |
| Common | Stock | | | 09 | 9/16/2 | 015 | | | M | | 7,406 | A | (3) | | 61,049 | (4) | Ι |) | | |
| Common | Stock | | | | | | | | | | | | | | 33,410 |) |] | | See Footnote ⁽⁵⁾ | |
| Common | Stock | | | 09 | 9/16/2 | 015 | | | М | | 864,614 | A | (6) | | 2,943,7 | 33 |] | | See Footnote ⁽⁷⁾⁽¹²⁾ | |
| Common | Stock | | | 09 | 9/16/2 | 015 | | | М | | 3,642,96 | 2 A | (8) | | 16,128,9 |)27 |] | | See Footnote ⁽⁹⁾⁽¹²⁾ | |
| Common | Stock | | | 09 | 9/16/2 | 015 | | | M | | 101,652 | A | (10) | | 512,67 | 3 | 1 | | See Footnote ⁽¹¹⁾⁽¹²⁾ | |
| | | | Table | | | | | urities Acc s, warrant | | | | | | y O | wned | | | | | |
| Derivative Conversion Date Execution Security or Exercise (Month/Day/Year) if any | | 3A. Deemed Execution Da if any (Month/Day/Y | 4. Transac | | ction Derivative Securities Acquired (ADISPOSED DESIGNATION OF THE PROPERTY OF | | umber of | 6. Date Exerci Expiration Da (Month/Day/Yo | | risable and 7. Title and Securities U | | nd Amount s Underlying e Security | unt of 8. Price lying Derivati | | 9. Num derivat Securit Benefic Owned Follow | tive ties cially I ing | 10. Ownersh Form: Direct (D or Indirec (I) (Instr. | Beneficial Ownership ct (Instr. 4) | | |
| | - | | | | Code | v | (A) | (D) | Date Exerc | isable | Expiration Date | Title | Amount Number Shares | | | Reported Transaction(s) (Instr. 4) | | | | |
| 4.75% Convertible Senior Notes due 2015 | \$8.775 | 09/16/2015 | | | M | | | 64,000 ⁽¹⁾ | 09/24 | 1/2009 | 10/01/2015 | Common Stock | 7,29 | 2 | (13) | | 0 | D ⁽²⁾ | | |
| 4.75% Convertible Senior Notes due 2015 | \$8.775 | 09/16/2015 | | | M | | | 65,000 ⁽³⁾ | 09/24 | 1/2009 | 10/01/2015 | Common Stock | 7,40 | 16 | (13) | | 0 | D ⁽⁴⁾ | | |
| 4.75% Convertible Senior Notes due 2015 | \$8.775 | 09/16/2015 | | | M | | | 7,587,000 ⁽⁶⁾ | 09/24 | 1/2009 | 10/01/2015 | Common Stock | 864,6 | 514 | (13) | | 0 | I | See Footnote ⁽⁷⁾ | |
| 4.75% Convertible Senior Notes due 2015 | \$8.775 | 09/16/2015 | | | M | | | 31,967,000 ⁽⁸⁾ | 09/24 | 1/2009 | 10/01/2015 | Common Stock | 3,642,9 | 962 | (13) | | 0 | I | See Footnote ⁽⁹⁾ | |
| 4.75% Convertible Senior Notes due 2015 | \$8.775 | 09/16/2015 | | | M | | | 892,000 ⁽¹⁰⁾ | 09/24 | 1/2009 | 10/01/2015 | Common Stock | 101,6 | 552 | (13) | | 0 | I | See Footnote ⁽¹¹⁾ (12) | |
| 1. Name and | | Reporting Person* | | | | | | | | | | | | | | _ | | | , | |

| 1. Name and Address BAKER JULI | | • |
|--------------------------------|----------------------------|----------|
| (Last) | (First) AVENUE, 21ST FI | (Middle) |
| — WADISON F | AVENUE, 2131 FI | LOOK |
| (Street) | | |
| NEW YORK | NY | US 10065 |
| | | |

| (City) | (State) | (Zip) | | | | | | |
|---|---|----------|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person* BAKER FELIX | | | | | | | | |
| (Last) 667 MADISON AVE | (Middle) | | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of Reporting Person* BAKER BROS. ADVISORS LP | | | | | | | | |
| (Last) 667 MADISON AVE | (First) ENUE, 21ST FLOOR | (Middle) | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of F | 1. Name and Address of Reporting Person* 667, L.P. | | | | | | | |
| (Last) 667 MADISON AVE | (First) | (Middle) | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of Reporting Person* Baker Brothers Life Sciences LP | | | | | | | | |
| (Last) 667 MADISON AVE | (First) NUE, 21ST FLOOR | (Middle) | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of F | Reporting Person [*] | | | | | | | |
| (Last) 667 MADISION AV | (First) ENUE, 21ST FLOOR | (Middle) | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| Name and Address of Reporting Person* Baker Bros. Advisors (GP) LLC | | | | | | | | |
| (Last) 667 MADISION AV | (Middle) | | | | | | | |
| (Street) NEW YORK | NY | US 10065 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |

Explanation of Responses:

- 1. 7,292 shares of common stock of Incyte Corporation (the "Issuer") acquired upon conversion of \$64,000 principal amount of 4.75% Convertible Senior Notes due 2015 ("2015 Notes") held directly by Julian C. Baker at a conversion price of \$8.775.
- 2. Reflects securiites of the Issuer held directly by Julian C. Baker.
- 3. 7,406 shares of common stock of the Issuer acquired upon conversion of \$65,000 principal amount of 2015 Notes held directly by Felix J. Baker at a conversion price of \$8.775.
- 4. Reflects securities of the Issuer held directly by Felix J. Baker. $\,$

6. 864,614 shares of common stock of the Issuer acquired upon conversion of \$7,587,000 principal amount of 2015 Notes held directly by 667, L.P. ("667")at a conversion price of \$8.775.

- 7. As a result of Felix J. Baker's and Julian C. Baker's ownership interest in Baker Biotech Capital (GP), LLC, Felix J. Baker and Julian C. Baker may be deemed to have an indirect pecuniary interest in 2,943,733 shares of common stock of the Issuer beneficially owned by 667, a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital (GP), LLC, due to Baker Biotech Capital, L.P.'s right to receive an allocation of a portion of the profits from 667. Includes beneficial ownership of 182 shares issued pursuant to the Stock Incentive Plan in lieu of director retainer fees and 55,000 shares received previously from exercise of 55,000 stock options of the Issuer that were issued to Julian C. Baker in his capacity as a director of the Issuer, of which the fund may be deemed to own a portion.
- 8. 3,642,962 shares of common stock of the Issuer acquired upon conversion of \$31,967,000 principal amount of 2015 Notes held directly by Baker Brothers Life Sciences, L.P. ("Life Sciences")at a conversion price of \$8.775.
- 9. As a result of Felix J. Baker's and Julian C. Baker's ownership interest in Baker Brothers Life Sciences Capital (GP), LLC, Felix J. Baker and Julian C. Baker may be deemed to have an indirect pecuniary interest in 16,128,927 shares of common stock of the Issuer beneficially owned by Life Sciences, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital
- 10. 101,652 shares of common stock of the Issuer acquired upon conversion of \$892,000 principal amount of 2015 Notes held directly by 14159, L.P. ("14159", and together with 667 and Life Sciences, the "Funds") at a conversion price of \$8.775.
- 11. As a result of Felix J. Baker's and Julian C. Baker's ownership interest in 14159 Capital (GP), LLC, Felix J. Baker and Julian C. Baker may be deemed to have an indirect pecuniary interest in 512,673 shares of common stock of the Issuer beneficially owned by 14159, a limited partnership of which the sole general partner is 14159 Capital, L.P., a limited partnership of which the sole general partner is 14159 Capital, L.P., is right to receive an allocation of a portion of the profits from 14159. Includes beneficial ownership of 182 shares issued pursuant to the Stock Incentive Plan in lieu of director retainer fees and 55,000 shares received previously from exercise of 55,000 stock options of the Issuer that were issued to Julian C. Baker in his capacity as a director of the Issuer, of which the fund may be deemed to own a portion.
- 12. The Adviser serves as the Investment Adviser to the Funds. In connection with the services provided by the Adviser, the Adviser receives an asset-based management fee that does not confer any pecuniary interest in the securities held by the Funds. Baker are principals of the Adviser GP. The Adviser GP is the Adviser GP is the Adviser of the Securities held by the Funds. The general partners of the Funds relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the securities held by the Funds. The general partners of the Funds relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the securities held by the Funds. Julian C. Baker, Felix J. Baker, the Adviser GP and the Adviser disclaim beneficial ownership of the securities held directly by the Funds except to the extent of their pecuniary interest therein, and this report shall not be deemed an admission that any of Julian C. Baker, Felix J. Baker, the Adviser GP or the Adviser is a beneficial owner of such securities for purposes of Section 16 or any other purpose.
- 13. Pursuant to instruction 4ciii this column is left blank.

Remarks:

Julian C. Baker is a director of Incyte Corporation (the "Issuer"). By virtue of his representation on the Board of Directors of the Issuer, for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, the reporting persons are deemed directors by deputization of the Issuer.

/s/ Julian C. Baker 09/18/2015 09/18/2015 /s/ Felix J. Baker By: Baker Bros. Advisors LP, Name: Scott L. Lessing, Title: 09/18/2015 President /s/ Scott L. Lessing Baker Bros. Advisors LP, Mgmt. Co. and Inv. Adviser to 667, L.P., <u>pursuant to authority granted by</u> 09/18/2015 Baker Biotech Capital, L.P., GP to 667, L.P. Name: Scott L. Lessing, Title: President /s/ Scot Baker Bros. Advisors LP, Mgmt. Co. and Inv. Adviser to BAKER BROTHERS LIFE SCIENCES, L.P., pursuant to authority granted by Baker Brothers Life Sciences 09/18/2015 Capital, L.P., GP to Baker Brothers Life Sciences, L.P. Name:Scott L. Lessing, Title: President /s/ Baker Bros. Advisors LP, Mgmt. Co. and Inv. Adviser to 14159, L.P., pursuant to authority granted 09/18/2015 by 14159 Capital, L.P., GP to 14159, L.P. Name: Scott L. Lessing, Title: President /s/ Scott Lessing By: Baker Bros. Advisors (GP) LLC, Name: Scott L. Lessing, 09/18/2015 Title: President /s/ Scott L. ** 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.

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.