

**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

| OMB APPROVAL                                 |           |
|--|-----------|
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|  |  |   |
|--|--|---|
| 1. Name and Address of Reporting Person*<br><u>BROWN MICHAEL S</u><br><br>(Last) (First) (Middle)<br><u>777 OLD SAW MILL RIVER ROAD</u><br><br>(Street)<br><u>TARRYTOWN NY 10591</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>REGENERON PHARMACEUTICALS INC [ REGN ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>12/17/2010</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                    | 12/17/2010                           |  | M <sup>(1)</sup>               |   | 5,000   | A          | \$18.8                 | 34,662  | D  |   |
| Common Stock                    | 12/17/2010                           |  | F <sup>(1)</sup>               |   | 2,897   | D          | \$32.44                | 31,765  | D  |   |
| Common Stock                    | 12/20/2010                           |  | S <sup>(1)</sup>               |   | 100   | D          | \$32.89                | 31,665  | D  |   |
| Common Stock                    | 12/20/2010                           |  | S <sup>(1)</sup>               |   | 2,003   | D          | \$33.24 <sup>(2)</sup> | 29,662  | D  |   |

**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 |
| Non-Qualified Stock Option (right to buy)  | \$18.8   | 12/17/2010                           |  | M <sup>(1)</sup>               |   |  | 5,000 | (3)  | 01/02/2013      | Common Stock  | 5,000                                      | (4)  | 5,000   | D  |       |

**Explanation of Responses:**

- Disposition/acquisition made pursuant to a plan intended to comply with Rule 10b5-1(c).
- The reporting person sold 2,003 shares of Company stock on December 20, 2010 at prices ranging from \$33.00 to \$33.60. Upon request by the Commission staff, the Company, or a security holder of the Company, the reporting person will provide full information regarding the number of shares sold by the reporting person on December 20, 2010 at each separate price.
- The stock option becomes exercisable in three equal annual installments, commencing one year after the date of grant
- Exercisable date, exercise date, exercise price, purchase price, sales price, and/or expiration date is not applicable in this case.

/s/\*\*Michael S. Brown 12/20/2010

\*\* 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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