

Muenchbach Martin
 Form 4
 December 16, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Muenchbach Martin

2. Issuer Name and Ticker or Trading Symbol
 Radius Health, Inc. [NONE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

C/O RADIUS HEALTH, INC. 201 BROADWAY, 6TH FLOOR

3. Date of Earliest Transaction (Month/Day/Year)
 12/14/2011

Director 10% Owner
 Officer (give title below) Other (specify below)

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

CAMBRIDGE, MA 02139

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | | (A) or (D) Code V Amount (D) Price | | | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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 control number.

SEC 1474 (9-02)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
| | | | | | | | |

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
|---|------------------------------------|------------------|------------|--|--------|---------------------|--------------------|------------|----------------------------------|---------|
| | | | Code | V | (A) | (D) | | | | |
| Series A-1 Convertible Preferred Stock | <u>(1)</u> | 12/14/2011 | A | | 20,470 | | 12/14/2011 | <u>(1)</u> | Common Stock | 204,700 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Muenchbach Martin C/O RADIUS HEALTH, INC. 201 BROADWAY 6TH FLOOR CAMBRIDGE, MA 02139 | X | | | |

Signatures

| | |
|---|------------|
| /s/ B. Nicholas Harvey, attorney-in-fact | 12/16/2011 |
| **Signature of Reporting Person | Date |

Explanation of Responses:

- * 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).
- (1) Each share of the Series A-1 Convertible Preferred Stock has no expiration date and is convertible at any time, in whole or in part, at the election of the holder at a conversion rate of 10 shares of Common Stock for every 1 share of Series A-1 Convertible Preferred Stock.

The reported securities are owned directly by BB Biotech Ventures II L.P. ("BBBV LP"). BB Biotech Ventures GP (Guernsey) Limited ("BBBV Limited") is the General Partner of BBBV LP. The reporting person is a Senior Investment Advisor Private Equity at Bellevue Asset Management AG ("BAM AG") and advises Asset Management BAB N.V. ("AMB NV") who, pursuant to a services agreement with BAM AG, advises the directors of BBBV Limited. The reporting person shares voting and investment power over the BBBV LP shares. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.