

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* <u>NIEDEL JAMES</u> (Last) (First) (Middle) <u>C/O NEW LEAF VENTURES</u> <u>TIMES SQUARE TOWER, 7 TIMES SQ, STE 3502</u> (Street) <u>NEW YORK NY 10036</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>CHIMERIX INC [CMRX]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below) | |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>03/18/2014</u> | | |
| | 4. 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 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 | 03/18/2014 | | J ⁽¹⁾ | | 700,000 | D | \$0 ⁽¹⁾ | 1,543,394 | I ⁽²⁾ | See Footnote |

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) | | 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) | | | | | |

Explanation of Responses:

- The direct holder of the securities, New Leaf Ventures II, L.P. ("NLV II"), distributed the shares to its limited partners on a pro rata basis.
- The securities are directly held by NLV II and indirectly held by New Leaf Venture Associates II, L.P. ("NLV Associates"), the sole general partner of NLV II, and New Leaf Venture Management II, L.L.C. ("NLV Management"). As an individual manager of NLV Management II along with five other individual managers, the Reporting Person may be deemed to beneficially own the shares to which this Form 4 relate. The Reporting Person disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein.

Remarks:

/s/ Craig L. Slutzkin, as
Attorney-in-Fact for James 03/20/2014
Niedel

** 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.