
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

**INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULE 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO
RULE 13d-2**

(Amendment No. 1)*

Chimerix, Inc.

(Name of Issuer)

Common Stock, \$0.001 par value per share
(Title of Class of Securities)

16934W106
(CUSIP Number)

December 31, 2014
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Item 1(a). Name of Issuer:

Chimerix, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

The Issuer's principal executive offices are located at 2505 Meridian Parkway, Suite 340, Durham, North Carolina 27713.

Item 2(a). Name of Persons Filing:

This joint statement on Schedule 13G is being filed by New Leaf Ventures II, L.P. ("NLV II"), New Leaf Venture Associates II, L.P. ("NLV Associates") and New Leaf Venture Management II, L.L.C. ("NLV Management" and together with NLV II and NLV Associates, the "Reporting Entities") and Philippe O. Chambon ("Chambon"), Vijay Lathi ("Lathi"), Ronald Hunt ("Hunt"), Jeani Delagardelle ("Delagardelle") and Liam Ratcliffe ("Ratcliffe" and together with Chambon, Lathi, Hunt and Delagardelle, the "Managing Directors"). The Reporting Entities and the Managing Directors collectively are referred to as the "Reporting Persons".

Item 2(b). Address of Principal Business Office or, if None, Residence:

The address of the principal business office of NLV II, NLV Associates, NLV Management, Chambon, Hunt and Ratcliffe is New Leaf Venture Partners, Times Square Tower, 7 Times Square, Suite 3502, New York, NY 10036. The address of the principal business office of Lathi and Delagardelle is New Leaf Venture Partners, 1200 Park Place, Suite 300, San Mateo, CA 94043.

Item 2(c). Citizenship:

Each of NLV II and NLV Associates is a limited partnership organized under the laws of the State of Delaware. NLV Management is a limited liability company organized under the laws of the State of Delaware. Each Managing Director is a citizen of the United States.

Item 2(d). Title of Class of Securities:

Common Stock, \$0.001 par value per share ("Common Stock").

Item 2(e). CUSIP Number:

16934W106

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

Not applicable.

Item 4. Ownership.

Not Applicable

Item 5. Ownership of Five Percent or Less of a Class.

Each Reporting Person has ceased to beneficially own five percent (5%) or more of the Issuer's outstanding Common Stock.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

Not applicable. This Schedule 13G is not filed pursuant to Rule 13d-1(b) or Rule 13d-1(c).

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 17, 2015

NEW LEAF VENTURES II, L.P.

By: NEW LEAF VENTURE ASSOCIATES II, L.P.
General Partner

By: NEW LEAF VENTURE MANAGEMENT II, L.L.C.
General Partner

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

NEW LEAF VENTURE ASSOCIATES II, L.P.

By: NEW LEAF VENTURE MANAGEMENT II, L.L.C.
General Partner

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

NEW LEAF VENTURE MANAGEMENT II, L.L.C.

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

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Philippe O. Chambon

*
Vijay Lathi

*
Ronald Hunt

*

Jeni Delagardelle

*

Liam Ratcliffe

/s/ Craig L. Slutzkin
Craig L. Slutzkin
As attorney-in-fact

* This Schedule 13G was executed by Craig L. Slutzkin on behalf of the individuals listed above pursuant to Powers of Attorney, copies of which are attached as Exhibit 2.

AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed with respect to the ownership by each of the undersigned of shares of Common Stock of Chimerix, Inc.

Date: February 17, 2015

NEW LEAF VENTURES II, L.P.

By: NEW LEAF VENTURE ASSOCIATES II, L.P. General Partner

By: NEW LEAF VENTURE MANAGEMENT II, L.L.C. General Partner

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

NEW LEAF VENTURE ASSOCIATES II, L.P.

By: NEW LEAF VENTURE MANAGEMENT II, L.L.C. General Partner

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

NEW LEAF VENTURE MANAGEMENT II, L.L.C.

By: /s/ Craig L. Slutzkin
Craig L. Slutzkin
Chief Financial Officer

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Philippe O. Chambon

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Vijay Lathi

*
Ronald Hunt

*

Jeni Delagardelle

*

Liam Ratcliffe

/s/ Craig L. Slutzkin
Craig L. Slutzkin
As attorney-in-fact

* This Schedule 13G was executed by Craig L. Slutzkin on behalf of the individuals listed above pursuant to Powers of Attorney, copies of which are attached as Exhibit 2.

POWER OF ATTORNEY

KNOWN ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints CRAIG L. SLUTZKIN as his true and lawful attorney-in-fact and agent for him and in his name, place and stead, in any and all capacities, to sign any and all documents relating to any and all Securities and Exchange Commission filings which may be required, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, thereby ratifying and confirming all that said attorney-in-fact may lawfully do or cause to be done by virtue hereof.

This power shall continue in effect until terminated in writing.

By: /s/ Vijay K. Lathi
Vijay K. Lathi

Dated: October 5, 2005

POWER OF ATTORNEY

KNOWN ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints CRAIG L. SLUTZKIN as his/her true and lawful attorney-in-fact and agent for him/her and in his/her name, place and stead, in any and all capacities, to sign any and all documents relating to any and all Securities and Exchange Commission filings which may be required, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he/she might or could do in person, thereby ratifying and confirming all that said attorney-in-fact may lawfully do or cause to be done by virtue hereof.

This power shall continue in effect until terminated in writing.

By: /s/ Philippe O. Chambon
Philippe O. Chambon

By: /s/ Jeani Delagardelle
Jeani Delagardelle

By: /s/ Ronald Hunt
Ronald Hunt

Dated: September 29, 2006

POWER OF ATTORNEY

KNOWN ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints CRAIG L. SLUTZKIN as his true and lawful attorney-in-fact and agent for him and in his name, place and stead, in any and all capacities, to sign any and all documents relating to any and all Securities and Exchange Commission filings which may be required, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, thereby ratifying and confirming all that said attorney-in-fact may lawfully do or cause to be done by virtue hereof.

This power shall continue in effect until terminated in writing.

By: /s/ Liam Ratcliffe
Liam Ratcliffe

Dated: April 9, 2012