

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* MARIO ERNEST <hr/> (Last) (First) (Middle) C/O CHIMERIX, INC. 2505 MERIDIAN PARKWAY, SUITE 100 <hr/> (Street) DURHAM NC 27713 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol CHIMERIX INC [CMRX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 12/27/2016	
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	12/27/2016		s ⁽¹⁾		72,073	D	\$4.6778 ⁽²⁾	296,462	I ⁽³⁾	By The Ernest and Mildred Mario Revocable Trust, Ernest and Mildred Mario, Trustees
Common Stock	12/27/2016		s		3,636	D	\$4.65	292,826	I ⁽⁴⁾	By The Ernest and Mildred Mario Revocable Trust, Ernest and Mildred Mario, Trustees
Common Stock	12/28/2016		s		4,000	D	\$4.6707 ⁽⁵⁾	288,826	I ⁽⁶⁾	By The Ernest and Mildred Mario Revocable Trust, Ernest and Mildred Mario, Trustees
Common Stock	12/28/2016		s		20,291	D	\$4.516 ⁽⁷⁾	268,535	I ⁽⁸⁾	By The Ernest and Mildred Mario Revocable Trust, Ernest and Mildred Mario, Trustees

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								12,905	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)					

Explanation of Responses:

- The sales reported in this Form 4 were effected pursuant to a Rule10b5-1 trading plan adopted by the reporting person on September 15, 2014.
- The range of sale prices received is \$4.65 to \$4.75. Upon request by the SEC staff, the Issuer, or any security holder of the Issuer, full information will be provided regarding the number of shares purchased or sold at each separate price.
- 72,073 shares held by Reporting Person were inadvertently reported on the prior Form 4 as held directly. Instead an aggregate of 72,073 shares previously reported on Form 4 were held by the Reporting Person indirectly in the name of his trust.
- 3,636 shares held by Reporting Person were inadvertently reported on the prior Form 4 as held directly. Instead an aggregate of 3,636 shares previously reported on Form 4 were held by the Reporting Person indirectly in the name of his trust.
- The range of sale prices received is \$4.67 to \$4.675. Upon request by the SEC staff, the Issuer, or any security holder of the Issuer, full information will be provided regarding the number of shares purchased or sold at each separate price.
- 4,000 shares held by Reporting Person were inadvertently reported on the prior Form 4 as held directly. Instead an aggregate of 4,000 shares previously reported on Form 4 were held by the Reporting Person indirectly in the name of his trust.
- The range of sale prices received is \$4.51 to \$4.5201. Upon request by the SEC staff, the Issuer, or any security holder of the Issuer, full information will be provided regarding the number of shares purchased or sold at each separate price.
- 20,291 shares held by Reporting Person were inadvertently reported on the prior Form 4 as held directly. Instead an aggregate of 20,291 shares previously reported on Form 4 were held by the Reporting Person indirectly in the name of his trust.

Remarks:

/s/ Michael Alrutz, Attorney-in-Fact 12/29/2016

** 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.