

OMB APPROVAL	
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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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* <u>MIDDLETON FRED A</u> (Last) (First) (Middle) C/O CHIMERIX, INC. 2505 MERIDIAN PARKWAY, SUITE 100 (Street) DURHAM NC 27713 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/28/2018	3. Issuer Name and Ticker or Trading Symbol <u>CHIMERIX INC [CMRX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. 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 Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,776,093	I	See footnotes ⁽¹⁾⁽²⁾
Common Stock	531,861	I	See footnotes ⁽²⁾⁽³⁾
Common Stock	3,446	I	See footnotes ⁽²⁾⁽⁴⁾
Common Stock	67,523	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

Explanation of Responses:

- The securities are held as follows: 829,046 shares of common stock held by Sanderling Venture Partners V, L.P., 233,134 shares of common stock held by Sanderling V Biomedical, L.P., 155,143 shares of common stock held by Sanderling V Limited Partnership, 138,046 shares of common stock held by Sanderling V Beteiligungs GmbH & Co. KG, 199,853 shares of common stock held by Sanderling V Biomedical Co-Investment Fund, L.P., 329,682 shares of common stock held by Sanderling Venture Partners V Co-Investment Fund, L.P. and 891,189 shares of common stock held by Sanderling V Strategic Exit Fund, L.P. (collectively, the Sanderling V Shares).
- The Reporting Person, a director of Sanderling Ventures, may be deemed to beneficially own the Sanderling V Shares, the Sanderling VI Shares and the Middleton-McNeil Retirement Trust. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
- The securities are held as follows: 498,046 shares of common stock held by Sanderling Venture Partners VI Co-Investment Fund, L.P., 15,431 shares of common stock held by Sanderling VI Beteiligungs GmbH & Co. KG and 18,384 shares of common stock held by Sanderling VI Limited Partnership (collectively, the Sanderling VI Shares).
- The securities are held as follows: 3,446 shares of common stock held by the Middleton-McNeil Retirement Trust.

Remarks:

/s/ Michael Alrutz, Attorney-in-Fact 04/06/2018

** 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 5 (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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