

OMB APPROVAL	
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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

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

1. Name and Address of Reporting Person* <u>Holsinger Leslie</u>			2. Issuer Name and Ticker or Trading Symbol <u>Cortexyme, Inc. [ CRTX ]</u>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Executive Vice President</u>	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>12/11/2020</u>		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	
C/O CORTEXYME, INC. 269 EAST GRAND AVE.			4. If Amendment, Date of Original Filed (Month/Day/Year)			
(Street) <u>SOUTH SAN FRANCISCO CA 94080</u>						
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/14/2020		M		40,000	A	\$0.27	43,500	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		1,700	D	\$28.8	41,800	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		14,275	D	\$30.15	27,525	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		13,200	D	\$30.91	14,325	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		9,525	D	\$31.79	1,800	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		400	D	\$32.585	4,400	D	
Common Stock	12/14/2020		S <sup>(1)</sup>		900	D	\$32.59	3,500	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)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$29.6	12/11/2020		A		100,000		(2)	12/10/2030	Common Stock	100,000	\$0.00	100,000	D	
Stock Option (Right to Buy)	\$29.6	12/11/2020		A		100,000		(3)	12/10/2030	Common Stock	100,000	\$0.00	100,000	D	
Stock Option (Right to Buy)	\$0.27	12/14/2020		M			40,000	(4)	05/09/2026	Common Stock	40,000	\$0.00	66,794	D	

Explanation of Responses:

- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on September 29, 2020.
- The shares subject to the option vest in 48 equal monthly installments from the vesting commencement date, subject to the grantee's continuous service to the Issuer on each such date.
- 50% of the shares will vest on March 31, 2023 provided that the Issuer's Compensation Committee has determined that Performance Condition No. 1 (as defined below) has been met, and 50% of the shares will vest on March 31, 2024 provided that the Issuer's Compensation Committee has determined that Performance Condition No. 2 (as defined below) has been met; provided further that, in each case, the grantee will have been continuously a service provider from the date of grant through each such vesting date. Performance Condition No. 1 means that the average closing price per share of the Issuer's common stock in any 45 consecutive trading day period prior to March 15, 2023 has exceeded \$135 per share. Performance Condition No. 2 means that the average closing price per share of the Issuer's common stock in any 45 consecutive trading day period prior to March 15, 2024 has exceeded \$170 per share.
- The option vested at the rate of 25% of the shares on April 4, 2017, and the remaining 75% of shares vested in equal monthly installments beginning on May 4, 2017 until all the shares were fully vested on April 4, 2020.

Remarks:

/s/ Caryn Gordon McDowell, as Attorney-in-Fact for Leslie Holsinger 12/15/2020

\*\* 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.