

OMB APPROVAL	
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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* <u>Calhoun Lesley Ann</u> (Last) (First) (Middle) C/O GLOBAL BLOOD THERAPEUTICS, INC. 171 OYSTER POINT BLVD., SUITE 300 (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Global Blood Therapeutics, Inc. [GBT]</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>See Remarks</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/01/2019</u>	
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	07/31/2019		A	V	226 ⁽¹⁾	A	\$36.68	1,454	D	
Common Stock	08/01/2019		M		3,062	A	⁽²⁾	4,516	D	
Common Stock	08/01/2019		F		1,060 ⁽³⁾	D	\$54.25	3,456	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
Restricted Stock Units	⁽²⁾	08/01/2019		M			750	⁽⁴⁾	⁽⁴⁾	Common Stock	750	\$0.00	3,750	D	
Restricted Stock Units	⁽²⁾	08/01/2019		M			2,312	⁽⁵⁾	⁽⁵⁾	Common Stock	2,312	\$0.00	16,188	D	

Explanation of Responses:

- Shares acquired pursuant to the Issuer's 2015 Employee Stock Purchase Plan in transactions that were exempt under both Rule 16b-3(d) and Rule 16b-3(c).
- Each Restricted Stock Unit ("RSU") represents the right to receive one share of the Issuer's Common Stock.
- Represents number of shares of Issuer's Common Stock withheld to satisfy the Reporting Person's tax obligations in connection with the vesting of 3,062 shares of Common Stock underlying the Reporting Person's RSUs.
- The shares of Common Stock underlying the RSUs vest in 8 equal semi-annual installments over 4 years from February 1, 2018, so long as the Reporting Person continues as an employee or other service provider of the Issuer through each vesting date. The RSUs are subject to accelerated vesting upon termination without cause or resignation for good reason after a change of control of the Issuer.
- The shares of Common Stock underlying the RSUs vest in 8 equal semi-annual installments over 4 years from February 1, 2019, so long as the Reporting Person continues as an employee or other service provider of the Issuer through each vesting date. The RSUs are subject to accelerated vesting upon termination without cause or resignation for good reason after a change of control of the Issuer.

Remarks:

Title: Senior Vice President, Finance and Chief Accounting Officer

/s/ Lesley Ann Calhoun 08/05/2019

** 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.

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