## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL						
DMB Number:	3235-0287					
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ours per response						

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 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 * MARXE AUSTIN W & GREENHOUSE DAVID M					2. Issuer Name and Ticker or Trading Symbol Cellectar Biosciences, Inc. [CLRB]							5	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X 10% Owner Officer (give title below) Other (specify below)						
(Last) (First) (Middle) C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE, SUITE 2600					3. Date of Earliest Transaction (Month/Day/Year) 09/08/2014														
NEW YO	(Street) 4. If Amen EW YORK, NY 10022					Amendment, Date Original Filed(Month/Day/Year)								Individual or Joint/Group Filing(Check Applicable Line)  _X_Form filed by One Reporting Person  Form filed by More than One Reporting Person					
(City)	)	(State)	(Zip)			Ta	ble I -	Non-E	)er	ivative S	ecuritie	s Ac	cquir	ed, Disp	osed of, or	Beneficia	ılly Ov	ned	
(Instr. 3)		2. Transaction Date (Month/Day/Year	Execur any	2A. Deemed Execution Date, if any Month/Day/Year)		Code (Instr. 8)		A. Securities Acqui (A) or Disposed of (D) (Instr. 3, 4 and 5)		of	Bei Rej	Amount of Securities neficially Owned Following ported Transaction(s) str. 3 and 4)		Form: Direct or Indi	rship Indire Bene	Beneficial Ownership			
							Cod	e \	J	Amount	(A) or (D)	Price	e				(I) (Instr.	4)	
Common	Stock		09/08/2014				P			182 (1)	A	\$ 3	1,1	142,368	<u>(1)</u>		I (1)		imited nerships
Reminder: indirectly.	Report on a	separate line	e for each class of s	securities	benefici	ally	owned	P	ers	sons wh	n this f	orm	are	not req	ection of ir uired to re d OMB cor	spond	unless		1474 (9- 02)
			Table II							oisposed o				y Owned	I				
Security	Conversion	Execution any	3A. Deemed 4. Execution Date, if Tr				mber 6. l		Date Exercisable d Expiration Date Ionth/Day/Year)		7 1 1 2	7. Tit Amou Under Secur (Instr 4)	ele and unt of crlying rities . 3 and	Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	ve es ially ng d tion(s)	Ownership Form of Derivative Security: Direct (D) or Indirect	Beneficia Ownersh (Instr. 4)	
					Code	V	(A)		Dat Exe	te ercisable	Expirati Date	ion ,	Title	or Number of Shares					

### **Reporting Owners**

Burnella Omer Vann (Addison	Relationships							
Reporting Owner Name / Address		10% Owner	Officer	Other				
MARXE AUSTIN W & GREENHOUSE DAVID M								
C/O SPECIAL SITUATIONS FUNDS		X						
527 MADISON AVENUE, SUITE 2600		Λ						
NEW YORK, NY 10022								

### **Signatures**

Austin W. Marxe  Signature of Reporting Person	09/10/2014 Date
David M. Greenhouse  **Signature of Reporting Person	09/10/2014 Date
Adam C. Stettner  **Signature of Reporting Person	09/10/2014 Date

#### **Explanation of Responses:**

- \* 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).

This is a joint filing by Austin W. Marxe (Marxe), David M. Greenhouse (Greenhouse) and Adam C. Stettner (Stettner). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman), and Special Situations Life Sciences Fund, L.P. (LS), respectively. 539,418 shares of Common Stock are held by QP, 179,806 shares of Common Stock are held by Cayman and 423,144 shares of Common Stock are held by LS. The interest of Marxe, Greenhouse and Stettner in the shares of Common Stock owned by QP, Cayman and LS is limited to the extent of his pecuniary interest.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.