FORM 4

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

OMB APPROVAL						
DMB Number:	3235-0287					
Estimated averag	ge burden					
nours 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

(Print or Ty	pe Response	es)															
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]						Direct	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director Officer (give title below) X 10% Owner Other (specify below)						
(Last) (First) (Middle) C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE, SUITE 2600					3. Date of Earliest Transaction (Month/Day/Year) 08/18/2014												
(Street) NEW YORK, NY 10022				4. If .	4. If Amendment, Date Original Filed(Month/Day/Year)						_X_ Form fil	6. 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)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
(Instr. 3) Date (Month/Day/Year) a			Execut any	2A. Deemed Execution Date, if any (Month/Day/Year)		saction 3)	Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Followin Reported Transaction(s) (Instr. 3 and 4)		lowing	Form: Direct	ship Indire Bene (D) Own	Beneficial Ownership			
						Code	v	Amoun	(A) or (D)	Price				or Indirect (Ins (I) (Instr. 4)		: 4)	
Common	ommon Stock 08/18/2014		/2014			P		4,800	A	\$ 3.05	1,070,800	1,070,800		I	By Limited Partnerships		
Common Stock 08/19/2014		/2014			P		65,687	A	\$ 3.05	1,136,487	,136,487		I	By Limited Partnerships			
Common Stock 08/22/2014		/2014			P		5,699 (1)	A	\$ 3	1,142,186 (1)					Limited nerships		
Reminder: I	Report on a	separate line	for each	n class of sec	urities	beneficially	owned o	lirectly	or							·	
								со	ntained	in this	form	to the colle are not req rrently valid	uired to re	spond	unless		1474 (9- 02)
						tive Securit uts, calls, wa						cially Owned	i				
1. Title of Derivative Security (Instr. 3) 1. Title of Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day Security)		//Year)	any	ate, if Transaction of Code EYear) (Instr. 8) S			an (N ies ed ed s, 5)	and Expiration Date (Month/Day/Year)		te A U S (1 4	Title and Amount of Underlying ecurities (Instr. 3 and)	Derivative Security (Instr. 5) Instr. 3 and Amount Derivative Security (Instr. 5) Ben Ow Foll Rep Trait (Instr. 5)		es ially ing d tion(s)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	vative Ownershi (Instr. 4) ct (D) direct	
						Code V	(A)		ate xercisable	Expira Date	ation T	itle Number of Shares					

Reporting Owners

Daniel Communication (Addition	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022		X				

Signatures

Austin W. Marxe	09/08/2014
**Signature of Reporting Person	Date
David M. Greenhouse	09/08/2014
**Signature of Reporting Person	Date

Adam C. Stettner	09/08/2014
**Signature of Reporting Person	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 422,962 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.