FORM 4

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

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 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 a														
Name and Address of Reporting Person * AWM Investment Company, Inc.				Issuer Name and Ticker or Trading Symbol Cellectar Biosciences, Inc. [CLRB]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director Officer (give title below) Other (specify below)				
(Last) (First) (Middle) 527 MADISON AVENUE, SUITE 2600				3. Date of Earliest Transaction (Month/Day/Year) 02/03/2015										
(Street) NEW YORK, NY 10022				4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) 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										
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		(Instr. 8)		4. Securities A (A) or Dispos (Instr. 3, 4 and (A) Amount (D)	ed of (D) (15) or	Transaction(s) F (Instr. 3 and 4) D (I		Ownership form: Direct (D) r Indirect	Beneficial Ownership			
Common	Stock								1	1,142,368 (1) (2)	I		By Limited Partnerships (1) (2)
		1	h class of securities		<u>,</u>		Perse in thi	ons who res	ot require	he collection ed to respon	d unless t		ined SI	EC 1474 (9-02)
			Table II -					sposed of, or	Beneficially		I number.			
			Table II					•	Beneficially		i number.			
1. Title of Derivative Security (Instr. 3)	Conversion		3A. Deemed Execution Date, if	(e.g., put 4. Transacti Code	5. Num on of	nber (lative (ties red sed sed s.)		sposed of, or convertible seisable and ate	Beneficially ecurities) 7. Title ar	y Owned and Amount of ang Securities		9. Number o Derivative Securities Beneficially Owned Following Reported Transaction((Instr. 4)	Ownersl Form of Derivati Security Direct (I or Indire	ve Ownership (Instr. 4)
Derivative Security	Conversion or Exercise Price of Derivative	Date	3A. Deemed Execution Date, if any	(e.g., put 4. Transactic Code (Instr. 8)	5. Num of Deriva Securi Acquii (A) or Dispos of (D) (Instr.	tive (ties red sed 3, 5)	nts, options, 6. Date Exerc Expiration Da	sposed of, or convertible seisable and ate	Beneficially ecurities) 7. Title ar Underlyir	y Owned and Amount of ang Securities	8. Price of Derivative Security	Derivative Securities Beneficially Owned Following Reported Transaction(Ownersh Form of Derivati Security Direct (I or Indirect)	inip Indirect Beneficial Ownership (Instr. 4)

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
AWM Investment Company, Inc. 527 MADISON AVENUE SUITE 2600 NEW YORK, NY 10022		X				

Signatures

Adam C. Stettner	02/03/2015
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).
- AWM Investment Company, Inc., a Delaware corporation (AWM), is the investment adviser to Special Situations Fund III QP, L.P. (SSFQP), Special Situations Cayman Fund, L.P. (CAYMAN) and Special Situations Life Sciences Fund, L.P. (SSLS and together with SSFQP and CAYMAN, the Funds). As the investment adviser to the Funds, AWM holds sole voting and investment power over 539,418 shares of Common Stock of the Issuer (the Shares) and 537,000 Warrants held by SSFQP, 179,806 Shares and 179,000 Warrants held by CAYMAN and 423,144 Shares 350,000 Warrants held by SSLS.
- Austin W. Marxe (Marxe), David M. Greenhouse (Greenhouse) and Adam C. Stettner (Stettner) are the controlling principals of AWM. Marxe, Greenhouse and Stettner previously reported the Shares held by the Funds on Form 3 and Form 4. Accordingly, reference should be made to Marxe, Greenhouse and Stettner (CIK #0001044321) for any prior filings with the (2) Securities and Exchange Commission relating to the Shares held by each of the Funds. The reporting person disclaims beneficial ownership of the Shares, except to the extent of its pecuniary interest therein. This report shall not be deemed an admission that the reporting person is the beneficial owner of the securities reported herein for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.

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.	