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

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

02)

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 1 ype Responses) | | | | | | | | | | | | |
|---|--|--------------------------|--|--|-------|------------------|--|----------------------------|---|--------------------|---------------------------------------|--|
| 1. Name and Address of AWM Investment (| 2. Issuer Name and Ticker or Trading Symbol Cellectar Biosciences, Inc. [CLRB] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner | | | | | |
| (Last) 527 MADISON AV | VENUE, S | (Middle) UITE 2600 | 3. Date of Earlies 12/22/2015 | t Transact | ion (| Month/D | ay/Ye | ar) | Officer (give title below) | Other (spec | ify below) | |
| (Street) NEW YORK, NY 10022 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | 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) | Ta | Table I - Non-Derivative Securities Acqu | | | | | uired, Disposed of, or Beneficially Owned | | | |
| 1.Title of Security (Instr. 3) | | Date (Month/Day/Year) | Execution Date, if | | v | | 4 and (A) or | ed of (D) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | Ownership Form: | Beneficial Ownership | |
| Common Stock | | 12/22/2015 | | S | | 7,938 (2) (3) | | \$ 0.9046 <u>(1)</u> | 550,813 <u>(2) (3)</u> | I <u>(2) (3)</u> | By Limited Partnerships (2) (3) | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information SEC 1474 (9contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

| (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | |
|--|-------------|------------------|--------------------|------------|-----|--------|-----------|--------------|------------|--------|------------|--------------|----------------|-------------|-------------|
| 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | | 5. Nu | mber | 6. Date Exer | rcisable | 7. Tit | le and | 8. Price of | 9. Number of | 10. | 11. Nature |
| Derivative | Conversion | Date | Execution Date, if | Transacti | ion | of | | and Expirati | on Date | Amo | unt of | Derivative | Derivative | Ownership | of Indirect |
| Security | or Exercise | (Month/Day/Year) | any | Code | | Deriv | ative | (Month/Day | /Year) | Unde | rlying | Security | Securities | Form of | Beneficial |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | | Secur | ecurities | | Securities | | (Instr. 5) | Beneficially | Derivative | Ownership | |
| | Derivative | | | | | Acqu | ired | | | (Instr | . 3 and | | Owned | Security: | (Instr. 4) |
| | Security | | | | | (A) o | r | | | 4) | | | 0 | Direct (D) | |
| | | | | | | Dispo | osed | | | | | | Reported | or Indirect | |
| | | | | | | of (D) |) | | | | | | Transaction(s) | (I) | |
| | | | | | | (Instr | . 3, | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | | | 4, and | 15) | | | | | | | | |
| | | | | | | | | | | | Amount | | | | |
| | | | | | | | | Date | Expiration | | or | | | | |
| | | | | | | | | Exercisable | | Title | Number | | | | |
| | | | | | | | | Exercisable | Date | | of | | | | |
| | | | | Code | V | (A) | (D) | | | | Shares | | | | |

Reporting Owners

| Den den Oran Name (Adda | Relationships | | | | | | |
|--|---------------|-----------|---------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| AWM Investment Company, Inc. 527 MADISON AVENUE SUITE 2600 NEW YORK, NY 10022 | | х | | | | | |

Signatures

| Adam C. Stettner | 12/23/2015 |
|----------------------------------|------------|
| 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).

(1) This is a weighted average price.

AWM Investment Company, Inc., a Delaware corporation (AWM), is the investment adviser to Special Situations Fund III QP, L.P. (SSFQP), Special Situations Cayman (2) 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 260,113 shares of Common Stock of the Issuer (the Shares) held by SSFQP, 86,653 Shares held by CAYMAN and 204,047 Shares held by SSLS.

Austin W. Marxe (Marxe), David M. Greenhouse (Greenhouse) and Adam C. Stettner (Stettner) are the controlling principals of AWM. The reporting person disclaims(3) 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.

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.