

INITIAL STATEMENT OF 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 Type Responses)

1. Name and Address of Reporting Person * McNeil Kathryn M	2. Date of Event Requiring Statement (Month/Day/Year) 08/14/2014	3. Issuer Name and Ticker or Trading Symbol Cellecstar Biosciences, Inc. [CLRB]	
(Last) (First) (Middle) C/O CELLECTAR BIOSCIENCES, INC., 3301 AGRICULTURE DRIVE		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☐ Director ☐ 10% Owner ☒ Officer (give title below) ☐ Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street) MADISON, WI 53716		See Remarks	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 Beneficially Owned		
1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (right to buy)	(1)	10/21/2023	Common Stock	20,000	\$ 8	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
McNeil Kathryn M C/O CELLECTAR BIOSCIENCES, INC. 3301 AGRICULTURE DRIVE MADISON, WI 53716			See Remarks	

Signatures

/s/ Paul Bork,attorney-in-fact for Kathryn M. McNeil		08/14/2014
**Signature of Reporting Person		Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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) Option vests in equal quarterly increments over a period of three years from the date of grant. Option expires on the tenth anniversary of the date of grant.

Remarks:

Title: Vice President of Investor Relations, Public Relations and Corporate Communications Exhibit 24 - Power of Attorney

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.

CONFIRMING STATEMENT

This Statement confirms that the undersigned has authorized and designated Paul Bork, Matthew Eckert, Chad Kolean and Christina Blakley, each acting singly, to execute and file on the undersigned's behalf a Form ID and all Forms 3, 4, and 5 (including any amendments thereto) that the undersigned may be required to file with the U.S. Securities and Exchange Commission as a result of the undersigned's ownership of or transactions in securities of Collectar Biosciences, Inc. The authority of Paul Bork, Matthew Eckert, Chad Kolean and Christina Blakley under this Statement shall continue until the undersigned is no longer required to file Forms 3, 4, and 5 with regard to the undersigned's ownership of or transactions in securities of Collectar Biosciences, Inc. unless earlier revoked in writing. The undersigned acknowledges that Paul Bork, Matthew Eckert, Chad Kolean and Christina Blakley are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Statement revokes the authority of any person named in any prior confirming statement relating to the undersigned's filing obligations with respect to securities of Collectar Biosciences, Inc. who is not named herein, and this Statement replaces and supersedes any such prior confirming statement.

Dated: August 8, 2014

Signed: /s/ Kathryn M. McNeil

Print Name: Kathryn M. McNeil
