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

## FORM 8-K

### CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) **February 28, 2024** 

# ARTELO BIOSCIENCES, INC.

(Exact name of registrant as specified in its charter)

| Nevada  | 333-199213  | 33-1220924  |
|---|---|---|
| (State or other jurisdiction  | (Commission   | (IRS Employer   |
| of incorporation)   | File Number)  | Identification No.)   |
| 505 Lomas Santa Fe,   | Suite 160   |   |
| Solana Beach, Ca  |   | 92075   |
| (Address of principal exe   | cutive offices)   | (Zip Code)  |
|   | Registrant's telephone number, including area code        | (858) 925-7049  |
|   | (Former name or former address, if changed since          | ee last report.)  |
| heck the appropriate box below if the Form 8-K fili   | ing is intended to simultaneously satisfy the filing obli | igation of the registrant under any of the following provisions:    |
| Written communications pursuant to Rule 425   | under the Securities Act (17 CFR 230.425)                 |   |
| Soliciting material pursuant to Rule 14a-12 ur  | nder the Exchange Act (17 CFR 240.14a-12)                 |   |
| Pre-commencement communications pursuan   | t to Rule 14d-2(b) under the Exchange Act (17 CFR 2       | 240.14d-2(b))   |
| Pre-commencement communications pursuan   | t to Rule 13e-4(c) under the Exchange Act (17 CFR 2-      | 40.13e-4(c))  |
| ecurities registered pursuant to Section 12(b) of the   | Act:  |   |
| itle of each class  | Trading Symbol(s)   | Name of each exchange on which registered                           |
| ommon Stock, par value \$0.001 per share arrants  | ARTL<br>ARTLW   | The Nasdaq Stock Market, LLC<br>The Nasdaq Stock Market, LLC        |
| dicate by check mark whether the registrant is an e<br>e Securities Exchange Act of 1934 (§240.12b-2 of |   | the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 |
| merging growth company  |   |   |
| an emerging growth company, indicate by check recounting standards provided pursuant to Section 13      | e e e e e e e e e e e e e e e e e e e                     | ded transition period for complying with any new or revised finance |
|   |   |   |

#### Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On February 28, 2024 (the "Amendment Date"), the Compensation Committee of the Board of Directors (the "Compensation Committee") of Artelo Biosciences, Inc. (the "Company") amended certain options to purchase shares of the Company's common stock issued under the Company's 2018 Equity Incentive Plan (the "Plan") pursuant to a previously approved offer made to such holders by the Company to amend such eligible options (such options, the "Eligible Options"). The Eligible Options were amended to (i) reduce the exercise price per share of the Company's common stock (a "Share") of each such Eligible Option to be equal to \$1.55, the closing price per Share as of the Amendment Date, and (ii) apply a new vesting schedule for each such Eligible Option such that (A) none of the Shares subject to each such Eligible Option will be vested as of the Amendment Date and (B) 1/3 rd of the Shares underlying each Eligible Option will vest on the first anniversary of the Amendment Date, and 1/3 dh of the Shares underlying each Eligible Option will vest on the first anniversary of the Amendment Date, and 1/3 dh of the Shares underlying each Eligible Option will vest on the first anniversary of the Amendment Date, and 1/3 dh of the Shares underlying each Eligible Option will vest on the first anniversary of the Amendment Date, and 1/3 dh of the Shares underlying each Eligible Option will vest each month thereafter on the same day of the month as the Amendment Date (or, if there is no such day, the last day of the month), subject to the applicable holder remaining a Service Provider (as defined in the Plan) of the Company through each vesting date (such amendment, the "Repricing and Revesting Amendment"). No other terms of the options were modified. All options to purchase shares of common stock of the Company held by the eligible participants with an exercise price per Share that was greater than or equal to \$1.99 was amended pursuant to the Repricing and Revesting Amendment.

The Repricing and Revesting Amendment included options granted under the Plan that are held by employees and non-employee directors. After evaluating several alternatives, the Compensation Committee determined that the Repricing and Revesting Amendment was in the best interests of the Company and its stockholders and provides the most effective means of retaining and incentivizing the Company's key contributors while preserving cash resources and without incurring stock dilution from significant additional equity grants.

The following options held by Greg Gorgas, the Company's sole executive officer, were included in the Repricing and Revesting Amendment:

|                                   |              | <b>Exercise Price</b> |
|-----------------------------------|--------------|-----------------------|
|                                   |              | Range of              |
|                                   | Total Option | Original              |
| Name and Position                 | Shares       | Options               |
| Greg Gorgas                       | 274,308      | \$3.15 to \$39.90     |
| President Chief Executive Officer |              |                       |

President, Chief Executive Officer, Chief Financial Officer, Treasurer, Secretary and Director

### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

### ARTELO BIOSCIENCES, INC.

/s/ Gregory D. Gorgas Gregory D. Gorgas President & Chief Executive Officer

Date: March 4, 2024