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): January 5, 2024

RELMADA THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

001-39082

(Commission File Number)

Nevada (State or other jurisdiction of incorporation)

2222 Ponce de Leon Blvd, Floor 3

Coral Gables, FL

(Address of principal executive offices)

Registrant's telephone number, including area code: (786) 629-1376

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol	Name of exchange on which registered
Common stock, \$0.001 par value per share	RLMD	The NASDAQ Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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

As previously reported, on January 3, 2024, Dr. Cedric O'Gorman concluded his service as Chief Medical Officer of Relmada Therapeutics, Inc. (the "Company"), as mutually agreed upon between him and the Company.

On January 5, 2024, the Company and Dr. O'Gorman entered into a Separation and General Release Agreement (the "Agreement") with Dr. O'Gorman, pursuant to which the Company agreed to pay Dr. O'Gorman the sum of \$414,500. If Dr. O'Gorman timely elects COBRA continuation coverage under the Company's group health plan, the Company will pay 100% of his COBRA premiums for six months. The Agreement also contains customary confidentiality, release and non-disparagement provisions.

Dr. O'Gorman will have until March 3, 2024, to exercise the vested portion of his common stock options outstanding under the Company's 2021 Equity Incentive Plan, as amended (the "Plan"), which he may do by "cashless" exercise in accordance with the Plan and his option agreement.

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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.

RELMADA THERAPEUTICS, INC.

45-5401931

(IRS Employer Identification No.)

33134

(Zip Code)

By: /s/ Sergio Traversa Name: Sergio Traversa Title: Chief Executive Officer