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).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

10b5-1(c). See Instructi	ion 10.								
Name and Address of Reporting Person*     Shenouda Maged			2. Issuer Name and Ticker or Trading Symbol RELMADA THERAPEUTICS, INC. [ RLMD ]	Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner					
(Last) (First) (Middle) C/O RELMADA THERAPEUTICS, INC.		` '	3. Date of Earliest Transaction (Month/Day/Year) 05/24/2024	X	Officer (give title below)  Chief Financi	Other (specify below)			
			4. If Amendment, Date of Original Filed (Month/Day/Year)	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)							

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transac Code (In 8)	tion	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			Securities	Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	(Instr. 3 and 4)		

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (In 8)		Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Reported Transaction(s) (Instr. 4)		
Stock Option (right to buy)	\$2.48	05/24/2024		<b>A</b> <sup>(1)</sup>		54,624		03/15/2024	12/15/2033	Common Stock	54,624	\$0	136,714	D	
Stock Option (right to buy)	\$2.48	05/24/2024		J <sup>(2)</sup>			54,624	03/15/2024	12/15/2033	Common Stock	54,624	\$0	82,090	D	

#### **Explanation of Responses:**

- 1. On May 24, 2024, under the terms of the option award granted to the Reporting Person on December 15, 2023 (the "December Award"), the Reporting Person became entitled to receive options for up to 54,624 additional shares of the Issuer's Common Stock on the same terms as the December Award (the "Additional Award Shares") out of shares that had become available under the terms of the Issuer's 2021 Equity Incentive Plan, as amended (the "Plan"), since December 15, 2023, as a result of expirations, cancelations, forfeitures and terminations of other outstanding awards under the Plan and/or tenders or withholding of shares.
- 2. On May 24, 2024, the Reporting Person voluntarily forfeited to the Issuer a portion of the December Award equal to the Additional Award Shares so that those shares can be allocated to the holders of Similar Awards who are not executive officers or directors of the Issuer.

/s/ Maged Shenouda 05/29/2024

\*\* Signature of Reporting Person Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.