

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

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

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 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person * <u>McNulty Brian Patrick</u> _____ (Last) (First) (Middle) C/O MIRA PHARMACEUTICALS, INC. 1200 BRICKELL AVE. SUITE 1950 #1183 _____ (Street) MIAMI FL 33131 _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MIRA PHARMACEUTICALS, INC. [MIRA]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 08/28/2024	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/28/2024		s		200,000	D	\$1.96	2,540,270	I	By Trust ⁽¹⁾
Common Stock								10,000	D ⁽²⁾	
Common Stock								660,000	I	By Trust ⁽¹⁾

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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 Reported Transaction(s) (Instr. 4)	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					

1. Name and Address of Reporting Person * <u>McNulty Brian Patrick</u> _____ (Last) (First) (Middle) C/O MIRA PHARMACEUTICALS, INC. 1200 BRICKELL AVE. SUITE 1950 #1183 _____ (Street) MIAMI FL 33131 _____ (City) (State) (Zip)
1. Name and Address of Reporting Person * <u>Bay Shore Trust</u> _____ (Last) (First) (Middle) C/O MIRA PHARMACEUTICALS, INC. 1200 BRICKELL AVE. SUITE 1950 #1183 _____ (Street) MIAMI FL 33131 _____ (City) (State) (Zip)

Explanation of Responses:

1. As trustee of the Bay Shore Trust and the Celeste J Williams Lifetime QTIP Trust, Mr. McNulty has sole voting and dispositive power over the shares held by each trust, and, as a result is deemed to have beneficial ownership (as determined under Section 13(d) of the Exchange Act) of the securities held by the trusts. The address for the Bay Shore Trust is 900 West Platt Street, Suite 200, Tampa, Florida, 33606.
2. These securities are owned directly by Mr. McNulty

/s/ Brian McNulty

08/30/2024

** 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.

POWER OF ATTORNEY

The undersigned as a Section 16 reporting person of MIRA Pharmaceuticals, Inc. (the "Company"), hereby constitutes and appoints Michelle Yanez, signing singly, the undersigned's true and lawful attorney in fact to:

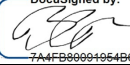
- (1) execute, deliver and file for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of the Company, Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder (the "Exchange Act");
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority;
- (3) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information on transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to the undersigned and approves and ratifies any such release of information; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act. The undersigned further acknowledges and agrees that the attorney-in-fact and the Company are relying on written and oral information provided by the undersigned to complete such forms and the undersigned is responsible for reviewing the completed forms prior to their filing. The attorney-in-fact and the Company are not responsible for any errors or omissions in such filings. The attorney-in-fact and the Company are not responsible for determining whether or not the transactions reported could be matched with any other transactions for the purpose of determining liability for short- swing profits under Section 16(b).

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in-fact.

[Signature page follows.]

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this August 30, 2024

DocuSigned by:

 7A4FB200010E4B6

Name: Brian McNulty

[Signature Page to Section 16 Power of Attorney]