## FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
vvasimigton,	D.C.	20040

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

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

(Last) 480 ARS	e and Address of Reporting Person*  ERSON EDWARD T  (First) (Middle)  RSENAL WAY  RTOWN MA 02472  (State) (Zip)					2. Issuer Name and Ticker or Trading Symbol Lyra Therapeutics, Inc. [ LYRA ]  3. Date of Earliest Transaction (Month/Day/Year) 05/31/2023  4. If Amendment, Date of Original Filed (Month/Day/Year)  Therapeutics, Inc. [ LYRA ]  5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director X 10% Owner Officer (give title Other (specify below)  6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person  Rule 10b5-1(c) Transaction Indication												oplicable on orting	
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transact						1			3. 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4					A) or	or 5. Amount of		6. Ownership Form: Direct		7. Nature of Indirect
Date (Month/					Day/Year	')   if	if any (Month/Day/Year)		Code (Instr. 8)				, - and 5)	Beneficia	Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)		Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A (D	(A) or (D) Pr		Transacti (Instr. 3 a	on(s)	"		(111341. 4)
Common	Stock	05/31			1/2023	2023		p <sup>(1)</sup>		403,85	58	A	\$2.43	2,259	2,259,301			See footnote <sup>(2)</sup>	
Common Stock			05/31	31/2023				p <sup>(1)</sup>		197,946		A	\$2.43	1,107,370				See footnote <sup>(3)</sup>	
Common Stock			05/31	1/2023				p(1)		1,203,6	512	A	\$2.43	2,521,745				See footnote <sup>(4)</sup>	
Common Stock													118,483		D				
	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)	Execution if any	BA. Deemed 4. Execution Date, Tr		tion nstr.	5. Number of on Derivative		6. Date Exercisa Expiration Date (Month/Day/Year		7. Title and Amo		mount	8. Price of Derivative Security (Instr. 5)	9. Numb derivativ Securitie Benefici Owned Followin Reporte	re es ally ng d	10. Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership ct (Instr. 4)	
					Code			Date Exercisabl		Expiration Date	on		nount imber Shares		Transac (Instr. 4)				
Warrant to purchase Common Stock	\$2.673	05/31/2023			P <sup>(1)</sup>		201,929		11/30/2023	3	11/30/2028	Commo Stock		)1,929	\$0.125	201,9	929	I	See footnote <sup>(2)</sup>
Warrant to purchase Common Stock	\$2.673	05/31/2023			<b>p</b> (1)	98,973			11/30/2023	3	11/30/2028	Common Stock 98,9		8,973	\$0.125	98,973		I	See footnote <sup>(3)</sup>
Warrant to purchase Common Stock	\$2.673	05/31/2023			P <sup>(1)</sup>		601,806		11/30/2023	3	11/30/2028	Commo Stock		)1,806	\$0.125	601,8	306	I	See footnote <sup>(4)</sup>

### **Explanation of Responses:**

- 1. The reportable securities were acquired pursuant to the Securities Purchase Agreement dated May 25, 2023 between the Issuer, North Bridge Venture Partners V-A, L.P. ("NBVP V-A"), North Bridge Venture Partners V-B, L.P. ("NBVP V-B"), North Bridge Venture Partners VI, L.P. ("NBVP VI") and certain other investors.
- 2. The reportable securities are owned directly by NBVP V-A. North Bridge Venture Management V, L.P. ("NBVM V") is the sole general partner of NBVP V-A and North Bridge Venture Management GP, LLC ("NBVM GP") is the sole general partner of NBVM V. Each of the Reporting Person, a member of the Issuer's board of directors, and Richard A. D'Amore ("D'Amore") are the managing members of NBVM GP and may be deemed to have shared voting and dispositive power over the shares held by NBVP V-A. Each of NBVM V, NBVM GP, the Reporting Person and D'Amore disclaims beneficial ownership of these securities and this report shall not be deemed an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of their respective pecuniary interests therein.
- 3. The reportable securities are owned directly by NBVP V-B. NBVM V is the sole general partner of NBVP V-B and NBVM GP is the sole general partner of NBVM V. Each of the Reporting Person, a member of the Issuer's board of directors, and D'Amore are the managing members of NBVM GP and may be deemed to have shared voting and dispositive power over the shares held by NBVP V-B. Each of NBVM V, NBVM GP, the Reporting Person and D'Amore disclaims beneficial ownership of these securities and this report shall not be deemed an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of their respective pecuniary interests therein.
- A. The reportable securities are owned directly by NBVP VI. North Bridge Venture Management VI, L.P. ("NBVM VI") is the sole general partner of NBVP VI and NBVM GP is the sole general partner of NBVM VI. Each of the Reporting Person, a member of the Issuer's board of directors, and D'Amore are the managing members of NBVM GP and may be deemed to have shared voting and dispositive power over the shares held by NBVP VI. Each of NBVM VI, NBVM GP, the Reporting Person and D'Amore disclaims beneficial ownership of these securities and this report shall not be deemed an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of their respective pecuniary interests therein.

### Remarks:

/s/ Edward T. Anderson

\*\* Signature of Reporting Person

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	r.