

OMB APPROVAL	
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>RA CAPITAL MANAGEMENT, L.P.</u>  (Last) (First) (Middle) 200 BERKELEY STREET, 18TH FLOOR  (Street) BOSTON MA 02116  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Tyra Biosciences, Inc. [ TYRA ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 10/18/2024	
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	10/18/2024		J <sup>(1)</sup>		1,000,000	D	(1)	7,477,275	I	See footnotes <sup>(2)(3)</sup>
Common Stock								1,496,613	I	See footnotes <sup>(3)(4)</sup>
Common Stock								442,721	I	See footnotes <sup>(3)(5)</sup>

**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	Title	Amount or Number of Shares				
Pre-Funded Warrants (Right to Buy)	\$0.001	10/18/2024		J <sup>(1)</sup>		2,358,457		(6)	(6)	Common Stock	1,000,000	(1)	1,000,000	I	See footnotes <sup>(2)(3)</sup>

1. Name and Address of Reporting Person* <u>RA CAPITAL MANAGEMENT, L.P.</u>  (Last) (First) (Middle) 200 BERKELEY STREET, 18TH FLOOR  (Street) BOSTON MA 02116  (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>RA Capital Healthcare Fund LP</u>  (Last) (First) (Middle) 200 BERKELEY STREET, 18TH FLOOR  (Street) BOSTON MA 02116  (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>RA Capital Nexus Fund, L.P.</u>  (Last) (First) (Middle)

200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTON MA 02116

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

Kolchinsky Peter

(Last) (First) (Middle)

C/O RA CAPITAL MANAGEMENT, L.P.  
200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTON MA 02116

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

Shah Rajeev M.

(Last) (First) (Middle)

C/O RA CAPITAL MANAGEMENT, L.P.  
200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTON MA 02116

(City) (State) (Zip)

**Explanation of Responses:**

1. On October 18, 2024, RA Capital Healthcare Fund, L.P. (the "Fund") entered into an Exchange Agreement with the Issuer pursuant to which the Fund exchanged, for no additional consideration, 1,000,000 shares of the Issuer's Common Stock for a pre-funded warrant exercisable for up to 1,000,000 shares of the Issuer's Common Stock at an exercise price of \$0.001 per share (the "Exchange Warrant").
2. These securities are held directly by the Fund.
3. RA Capital Management, L.P. (the "Adviser") is the investment manager for the Fund, RA Capital Nexus Fund, L.P. (the "Nexus Fund"), and a separately managed account (the "Account"). The general partner of the Adviser is RA Capital Management GP, LLC (the "Adviser GP"), of which Dr. Peter Kolchinsky and Mr. Rajeev Shah are the managing members. The Adviser, the Adviser GP, Dr. Kolchinsky, and Mr. Shah disclaim beneficial ownership of any of the reported securities, except to the extent of their pecuniary interest therein.
4. These securities are held directly by the Nexus Fund.
5. These securities are held directly by the Account.
6. The Exchange Warrant has no expiration date and is exercisable immediately. Notwithstanding the foregoing, the Reporting Persons shall not be entitled to exercise the Exchange Warrant if it would cause the aggregate number of shares of Common Stock beneficially owned by the Reporting Persons, their affiliates and any persons who are members of a Section 13(d) group with the Reporting Persons or their affiliates to exceed 19.99% of the total number of issued and outstanding shares of Common Stock of the Issuer following such exercise.

**Remarks:**

Jake Simson, a Partner of the Adviser, serves on the Issuer's board of directors.

/s/ Peter Kolchinsky, Manager of  
RA Capital Management, L.P. 10/22/2024

/s/ Peter Kolchinsky, Manager of  
RA Capital Healthcare Fund GP,  
LLC the General Partner of RA  
Capital Healthcare Fund, L.P. 10/22/2024

/s/ Peter Kolchinsky, Manager of  
RA Capital Nexus Fund GP,  
LLC the General Partner of RA  
Capital Nexus Fund, L.P. 10/22/2024

/s/ Peter Kolchinsky, individually 10/22/2024

/s/ Rajeev Shah, individually 10/22/2024

\*\* 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.