

OMB APPROVAL	
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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>Bicara Therapeutics Inc. [BCAX]</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) 09/16/2024	
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	09/16/2024		C		2,622,898	A	(1)	2,622,898	I	See footnotes(2)(3)
Common Stock	09/16/2024		C		2,500,095	A	(1)	2,500,095	I	See footnotes(2)(4)
Common Stock	09/16/2024		P		1,680,520	A	\$18	4,303,418	I	See footnotes(2)(3)
Common Stock	09/16/2024		P		152,480	A	\$18	2,652,575	I	See footnotes(2)(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. 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				
Series B Preferred Stock	(1)	09/16/2024		C		18,409,755		(1)	(1)	Common Stock	1,991,642	(1)	0	I	See Footnotes(2)(3)
Series B Preferred Stock	(1)	09/16/2024		C		12,273,169		(1)	(1)	Common Stock	1,327,761	(1)	0	I	See Footnotes(2)(4)
Series C Preferred Stock	(1)	09/16/2024		C		5,835,024		(1)	(1)	Common Stock	631,256	(1)	0	I	See Footnotes(2)(3)
Series C Preferred Stock	(1)	09/16/2024		C		10,836,474		(1)	(1)	Common Stock	1,172,334	(1)	0	I	See Footnotes(2)(4)

1. Name and Address of Reporting Person*
RA CAPITAL MANAGEMENT, L.P.
 (Last) (First) (Middle)
 200 BERKELEY STREET, 18TH FLOOR
 (Street)
 BOSTON MA 02116
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
RA Capital Healthcare Fund LP
 (Last) (First) (Middle)
 200 BERKELEY STREET, 18TH FLOOR

(Street)	BOSTON	MA	02116
(City)	(State)	(Zip)	
1. Name and Address of Reporting Person*			
RA Capital Nexus Fund III, L.P.			
(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:

- Each share of Series B Preferred Stock and Series C Preferred Stock (collectively, the "Preferred Stock") converted into shares of Common Stock of the Issuer on a one-for-9.2435 basis without payment of further consideration. Upon the closing of the Issuer's initial public offering (the "IPO"), the Preferred Stock was converted into the number of shares of Common Stock of the Issuer shown in column 7 of Table II. The Preferred Stock had no expiration date.
- RA Capital Management, L.P. (the "Adviser") is the investment manager for RA Capital Healthcare Fund, L.P. (the "Fund") and RA Capital Nexus Fund III, L.P. (the "Nexus Fund III"). 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. Each of the Adviser, the Adviser GP, the Fund, the Nexus Fund III, Dr. Kolchinsky and Mr. Shah disclaims beneficial ownership of any of the reported securities, except to the extent of its or his respective pecuniary interest therein.
- Held directly by the Fund.
- Held directly by Nexus Fund III.

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. 09/18/2024
/s/ Peter Kolchinsky, Manager of RA Capital Healthcare Fund GP, LLC, the General Partner of RA Capital Healthcare Fund, L.P. 09/18/2024
/s/ Peter Kolchinsky, Manager of RA Capital Nexus Fund III GP, LLC, the General Partner of RA Capital Nexus Fund III, L.P. 09/18/2024
/s/ Peter Kolchinsky, individually 09/18/2024
/s/ Rajeev Shah, individually 09/18/2024
 ** 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.