FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.0	C. 20549
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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).

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

> > 7. Nature of Indirect Beneficial Ownership (Instr. 4)

11. Nature of Indirect Beneficial Ownership (Instr. 4)

See Footnotes⁽¹⁾
(2)(3)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

					ors	Secti	on 30	(h) of the	investment (Company Ac	t of 1940							
1. Name and Address of Reporting Person* RA CAPITAL MANAGEMENT, L.P.					2. Issuer Name and Ticker or Trading Symbol Acumen Pharmaceuticals, Inc. [ABOS]							k all appl			. ,			
(Last) (First) (Middle)					3. Date of Earliest Transaction (Month/Day/Year) 06/06/2023						Λ		r (give title	1	Other (below)			
200 BERKELEY STREET 18TH FLOOR 4.1				4. If	Ame	ndme	ent, Date	of Original Fi	led (Month/D	ay/Year)		6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) BOSTON MA 02116												Form filed by One Reporting Person X Form filed by More than One Reporting Person						
(City) (State) (Zip)				Ru	Rule 10b5-1(c) Transaction Indication													
									dicate that a tra e defense cond						ion or written	plan	that is intend	ed to
		Tab	le I - Noi	n-Deri	vative	Se	curi	ties Ac	quired, D	isposed (of, or Be	enefic	cially	Owne	d			
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye					Execution Date,		Code (Ins	Transaction Code (Instr. 8)		rities Acquired (A) or ed Of (D) (Instr. 3, 4 ar		nd Securities Beneficially Owned Following Reported		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indire Benefici Ownersh (Instr. 4)		
										V Amoun	(D)		ice	(Instr. 3	and 4)			
		7							juired, Dis s, options					Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deeme Execution if any (Month/Da	Date,	Code (Instr				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Secur (Instr. 3 and 4)		S (I	. Price of lerivative ecurity nstr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Denefic Owner (Instr. 4
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Share	er					
Stock Option (Right to Buy)	\$5.2	06/06/2023			A			25,000	(1)	06/05/2033	Common Stock	25,0	00	\$0.00	25,000		I	See Footno
1		f Reporting Person [*] MANAGEME		<u>).</u>											•			
(Last) (First) (Middle) 200 BERKELEY STREET 18TH FLOOR																		
(Street)	N	MA	021	16														
(City)		(State)	(Zip)															
		f Reporting Person ^a																
l		(First) MANAGEMEN FREET 18TH FI		dle)														
(Street)	N	MA	021	16														
(City)		(State)	(Zip)			_												
		f Reporting Person [*] us Fund II, L																
(Loot)		(Firet)	(Mide	410)		_												

(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						
(- 3)		(17)						
1. Name and Addr	ess of Reporting Pers	on [*]						
<u>Kolchinsky</u>	<u>Peter</u>							
(Last)	(First)	(Middle)						
C/O RA CAPITAL MANAGEMENT, L.P.								
200 BERKELE	EY STREET 18TH	FLOOR						
,								
(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						
1 Name and Addr	ess of Reporting Pers	nn*						
Shah Rajeev		011						
<u>Shan Rajeev</u>	171.							
(Last)	(First)	(Middle)						
C/O RA CAPITAL MANAGEMENT, L.P.								
200 BERKELEY STREET 18TH FLOOR								
200 DERKELET STREET 101H FLOOK								
(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						

Explanation of Responses:

- 1. The shares subject to the option will vest on the earlier of June 6, 2024 or the 2024 annual stockholder meeting, subject to Ms. Stoppel's continuous service through each such vesting date.
- 2. RA Capital Management, L.P. (the "Adviser") is the investment manager for RA Capital Healthcare Fund, L.P. (the "Fund"), RA Capital Nexus Fund II, L.P. (the "Nexus Fund II") 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.
- 3. Under Ms. Stoppel's arrangement with the Adviser, Ms. Stoppel holds the option for the benefit of the Fund, the Nexus Fund II and the Account. Ms. Stoppel is obligated to turn over to the Adviser any net cash or stock received upon exercise of the option, which will offset advisory fees owed by the Fund, the Nexus Fund II, and the Account to the Adviser. The Reporting Persons therefore disclaim beneficial ownership of the option and underlying common stock.

Remarks:

Ms. Stoppel, a Principal of the Adviser, serves on the Issuer's board of directors.

/s/ Peter Kolchinsky, Manager of RA Capital Management, L.P.	06/13/2023
/s/ Peter Kolchinsky, Manager of RA Capital Healthcare Fund GP, LLC, the General Partner of RA Capital Healthcare Fund, L.P.	06/13/2023
/s/ Peter Kolchinsky, Manager of RA Capital Nexus Fund II GP, LLC, the General Partner of RA Capital Nexus Fund II, L.P.	06/13/2023
/s/ Peter Kolchinsky, individually	06/13/2023
/s/ Rajeev Shah, individually ** Signature of Reporting Person	06/13/2023 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).

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.