Kolchinsky Peter Form 4 March 21, 2018

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

Form 5

obligations

may continue.

See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person ** Kolchinsky Peter			2. Issuer Name and Ticker or Trading Symbol Dicerna Pharmaceuticals Inc [DRNA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 20 PARK PLA	(First) AZA, SUITE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/19/2018	X Director 10% Owner Officer (give title below) Other (specify below)
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person
BOSTON, MA 02116				Form filed by More than One Reporting Person

(City)	(State)	(Zip) 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. Transactic Code (Instr. 8)	4. Securit bor Dispos (Instr. 3,	ed of (` ′	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)		
Common Stock	03/19/2018		D	84,670	D	\$ 12.6308	4,377,643	I	See Note (1) (2) (3)		
Common Stock	03/19/2018		D	34,700	D	\$ 12.455	4,342,943	I	See Note (1) (2) (3)		
Common Stock	03/20/2018		D	50,000	D	\$ 11	4,292,943	I	See Note (1) (2) (3)		
Common Stock	03/20/2018		D	55,200	D	\$ 11.1555	4,237,743	I	See Note (1) (2) (3)		
Common Stock	03/20/2018		D	67,985	D	\$ 11.1648	4,169,758	I	See Note (1) (2) (3)		

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Common Stock	03/21/2018	D	64,600 D	\$ 11.2399	4,105,158	I	See Note (1) (2) (3)
Common Stock	03/21/2018	D	31,145 D	\$ 11.0718	4,074,013	I	See Note (1) (2) (3)
Common Stock	03/21/2018	D	49,000 D	\$ 11.14	4,025,013	I	See Note (1) (2) (3)
Common Stock	03/21/2018	D	36,224 D	\$ 11.1727	3,988,789	I	See Note (1) (2) (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.		5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ectio	nNumber	Expiration D	ate	Amou	int of	Derivative
Security	or Exercise		any	Code		of	(Month/Day/	Year)	Under	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8)	Derivative	e		Secur	ities	(Instr. 5)
	Derivative					Securities			(Instr.	3 and 4)	
	Security					Acquired					
						(A) or					
						Disposed					
						of (D)					
						(Instr. 3,					
						4, and 5)					
										A 4	
										Amount	
							Date	Expiration	Title	or Number	
							Exercisable	Date	Title		
				C 1	3 7	(A) (D)				of	
				Code	V	(A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				

Kolchinsky Peter 20 PARK PLAZA, SUITE 1200 X BOSTON, MA 02116

Signatures

/s/ Peter
Kolchinsky 03/21/2018

**Signature of Reporting Person Date

Reporting Owners 2

Explanation of Responses:

- * 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).
- (1) Peter Kolchinsky is a director of the Issuer and the sole manager of RA Capital Management, LLC (the "Adviser") which is the general partner of RA Capital Healthcare Fund, L.P. (the "Fund"). The Fund is a shareholder of the Issuer.
 - 406,542 of the aggregate common stock beneficially sold in the transactions were held directly by the Fund. The Adviser and Mr. Kolchinsky may be deemed indirect beneficial owners of such securities. The Adviser and Mr. Kolchinsky disclaim beneficial ownership of the reported securities in reliance on Rule 16a-1(a)(1)(v) and (vii) under the Securities Exchange Act of 1934, as amended (the "Act")
- (2) and disclaim any obligation to file reports under Section 16 other than, in the case of Mr. Kolchinsky, as a director. Pursuant to Rule 16a-1, Mr. Kolchinsky disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein. The filing of this Form 4 shall not be construed as an admission that Mr. Kolchinsky or the Adviser is or was for the purposes of Section 16(a) of the Act, or otherwise, the beneficial owner of any of securities reported herein.
 - 66,982 of the common stock beneficially sold in the transactions were held in a separately managed account for which the Advisor serves as investment adviser (the "Account"). Mr. Kolchinsky, the Adviser and the Fund have no pecuniary interest in the reported securities
- (3) sold by the Account and disclaim: (A) beneficial ownership of securities held in the Account for purposes of Rule 16a-1(a)(2) and (B) beneficial ownership of securities held by the Fund, for purposes of Rule 16a-1(a)(2), except to the extent of their pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.