Kolchinsky Peter Form 4 January 03, 2018

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

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OMB APPROVAL

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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).

(City)

(Print or Type Responses)

(State)

(Zip)

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) (First) (Middle) 20 PARK PLAZA, SUITE 1200	3. Date of Earliest Transaction (Month/Day/Year) 12/29/2017	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)	Tabl	le I - Non-I	Derivative	red, 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)				5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	12/29/2017		D	85,400	D	\$ 9.1026	4,988,613	I	See Note (1) (2) (3)
Common Stock	12/29/2017		D	23,100	D	\$ 9.1288	4,965,513	I	See Note (1) (2) (3)
Common Stock	01/02/2018		D	68,000	D	\$ 9.4655	4,897,513	I	See Note (1) (2) (3)
Common Stock	01/03/2018		D	59,100	D	\$ 9.2533	4,838,413	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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SEC 1474 (9-02)

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. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	ate	Amoun	it of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Owne
	Security				Acquired						Follo
	-				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manust		
									Amount		
						Date	Expiration		or N		
						Exercisable Date	Date		Number		
				C 1 W	(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

Reporting Person

/s/ Peter

Kolchinsky 01/03/2018

**Signature of Date

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.

194,959 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.

Reporting Owners 2

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- 40,641 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.