SEC Form 3

FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* IONIS PHARMACEUTICALS INC			2. Date of Eve Requiring Sta (Month/Day/Y 07/13/2017	tement		ssuer Name <b>and</b> Ticker or Trading Symbol KCEA THERAPEUTICS, INC. [ AKCA ]				
(Last) (First) (Middle) 2855 GAZELLE COURT			07/15/2017		4. Relationship of Reporting Per (Check all applicable) Director		(Mont	. If Amendment, Date of Original Filed Month/Day/Year)		
(Street) CARLSBAD (City)	CA (State)	92010 (Zip)			Officer (give title below)			cable Line) Form filed by	Group Filing (Check 7 One Reporting Person 7 More than One 8 prson	
Table I - Non-Derivative Securities Beneficially Owned										
1. Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4)			Nature of Indirect Beneficial Ownership 1str. 5)			
Table II - Derivative Securities Beneficially Owned           (e.g., puts, calls, warrants, options, convertible securities)										
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4		4. Conversion or Exercise Price of	5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
			Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	or Indirect (I) (Instr. 5)		
Series A Preferred Stock		(1)	(1)	Common Stock	28,884,540	(1)	D			

## Explanation of Responses:

1. The shares of Series A Preferred Stock have no expiration date and are convertible at any time at the election of the holder. Each share of Series A Preferred Stock will automatically convert on a one-for-one basis into shares of Common Stock upon the closing of the Issuer's initial public offering.

Remarks:

/s/ Elizabeth L. Hougen, ChiefFinancial Officer of Ionis07/13/2017Pharmaceuticals, Inc.07/13/2017

\*\* 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 5 (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.