SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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

		Table I. Nam I	Devivative Convertion Approximate Dispessed of an Devel		Q		
(City)	(State)	(Zip)					
(Street) CARLSBAD	CA	92010		Line)	Form filed by One Re Form filed by More th Person	porting Person	
2855 GAZELLI	E COURT		4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indi	dividual or Joint/Group Filing (Check Applicat		
(Last) C/O IONIS PHA	(First) ARMACEUT	(Middle) ICALS, INC.	3. Date of Earliest Transaction (Month/Day/Year) 06/25/2020]	201011)	5000)	
1. Name and Addre	reaux		2. Issuer Name and Ticker or Trading Symbol <u>IONIS PHARMACEUTICALS INC</u> [IONS]		ationship of Reporting P < all applicable) Director Officer (give title below)	erson(s) to Issuer 10% Owner Other (specify below)	
Instruction 1(b).			Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940		<u> </u>		

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)			4. Securities A Disposed Of (5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		(1150. 4)
Common Stock	06/25/2020		М		10,000(1)	Α	\$26.66	25,183	D	
Common Stock	06/25/2020		S		10,000(1)	D	\$ <mark>60</mark>	15,183	D	

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

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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. Transa Code (8)		of Deri Sec Acq (A) o Disp of (I	lumber ivative urities luired or posed D) (Instr. and 5) Long Content of the second s		ate of Securities		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				
Director Stock Option (right to buy)	\$26.66	06/25/2020		М			10,000	06/25/2017	06/24/2023	Common Stock	10,000	\$0	12,500	D	

Explanation of Responses:

1. Acquired as a result of exercising a stock option pursuant to Rule 10b5-1 Trading Plan. The purchase and sale reported on this Form 4 was effective pursuant to Rule 10b5-1 Trading Plan adopted by the reporting person on March 5, 2020.

<u>Patrick O'Neil, Attorney-in-</u> <u>Fact</u>

06/29/2020

** 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.

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP