# SEC Form 4

## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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

			or economic of the investment company ration to the				
1. Name and Address of Reporting Person <sup>*</sup> BERTHELSEN SPENCER R			2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>IONIS PHARMACEUTICALS INC</u> [ IONS ]		ationship of Reporting Person(s) to Issuer (all applicable) Director 10% Owner		
			]		Officer (give title below)	Other (specify below)	
(Last) 2855 GAZELL	(Last) (First) (Middle) 2855 GAZELLE COURT		3. Date of Earliest Transaction (Month/Day/Year) 07/15/2022		Delow)	Delow)	
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indi Line)	vidual or Joint/Group Fili	ng (Check Applicable	
CARLSBAD	CA	92010		X	Form filed by One Re	porting Person	
(City)	(State)	(Zip)	—		Form filed by More th Person	an One Reporting	

## 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.     4. Securities Acquired (A       Transaction     Disposed Of (D) (Instr. 3,       Code (Instr. 8)     5			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	07/15/2022		M <sup>(1)</sup>		5,333(1)	A	<b>\$0.0</b>	126,232	D	
Common Stock	07/15/2022		M <sup>(2)</sup>		2,665 <sup>(2)</sup>	Α	<b>\$0.0</b>	128,897	D	
Common Stock								70	Ι	by Daughter <sup>(3)</sup>

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

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)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		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				
Restricted Stock Unit	\$0.0 <sup>(4)</sup>	07/15/2022		М			5,333	(5)	(5)	Common Stock	5,333	\$0.0	9,775	D	
Restricted Stock Unit	\$0.0 <sup>(4)</sup>	07/15/2022		М			2,665	(6)	(6)	Common Stock	2,665	\$0.0	7,110	D	

#### Explanation of Responses:

1. Acquired pursuant to vesting and release of shares in accordance with a Restricted Stock Unit award.

2. Acquired pursuant to vesting and release of shares in accordance with Restricted Stock Unit awards.

3. The reporting person disclaims beneficial ownership of all securities held by his daughter, and this report should not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose

4. Each Restricted Stock Unit represents a contingent right to receive one share of Ionis common stock, or its equivalent cash value.

5. Restricted Stock Units vest 100% on either the first anniversary of the date of grant or the next regularly scheduled annual meeting of stockholders of the Company, whichever occurs earlier, and are delivered to the reporting person on the July 15th following the vesting date. Upon vesting, the Restricted Stock Units will be paid in whole shares of Ionis common stock or cash as may be determined by the Company

6. Restricted Stock Units vest in four equal annual installments and are delivered to the reporting person on the July 15th following the vesting date. Upon vesting, the Restricted Stock Units will be paid in whole shares of Ionis common stock or cash as may be determined by the Company.

By: Patrick R. O'Neil, attorney-	
n-fact For: Spencer R.	07/18/2022

**Berthelsen** 

\*\* Signature of Reporting Person Date

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

 $^{\ast}$  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.

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