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

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

File	ed by	the Registrant ⊠
		a Party other than the Registrant □
		e appropriate box:
		minary Proxy Statement
		idential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
		nitive Proxy Statement
		nitive Additional Materials
	50110	iting Material Pursuant to §240.14a-12
		I Dl
		Ionis Pharmaceuticals, Inc.
		(Name of Registrant as Specified In Its Charter)
		(Name of Person(s) Filing Proxy Statement, if other than the Registrant)
Pay	ment	of Filing Fee (Check the appropriate box):
		ee required.
	Fee o	omputed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
	(1)	Title of each class of securities to which transaction applies:
	(2)	Aggregate number of securities to which transaction applies:
	(3)	Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
	(4)	Proposed maximum aggregate value of transaction:
	(5)	Total fee paid:
	Fee 1	aid previously with preliminary materials.
		k box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid
		ously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
	(1)	Amount Previously Paid:
	(2)	Form, Schedule or Registration Statement No.:
	(3)	Filing Party:
	(4)	Date Filed:
		who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently IB control number

Your Vote Counts!

IONIS PHARMACEUTICALS, INC.

2021 Annual Meeting Vote by June 01, 2021 11:59 PM ET

IONIS PHARMACEUTICALS, INC. 2855 GAZELLE COURT CARLSBAD, CALIFORNIA 92010 ATTN: CORPORATE SECRETARY



You invested in IONIS PHARMACEUTICALS, INC. and it's time to vote!

You have the right to vote on proposals being presented at the Annual Meeting. This is an important notice regarding the availability of proxy material for the stockholder meeting to be held on June 02, 2021.

Get informed before you vote

View the Notice & Proxy Statement, Form 10-K online OR you can receive a free paper or email copy of the material(s) by requesting prior to May 19, 2021. If you would like to request a copy of the material(s) for this and/or future stockholder meetings, you may (1) visit www.ProxyVote.com, (2) call 1-800-579-1639 or (3) send an email to sendmaterial@proxyvote.com. If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.



For complete information and to vote, visit www.ProxyVote.com

Control #

Smartphone users

Point your camera here and vote without entering a control number





Vote Virtually at the Meeting*

June 02, 2021 2:00 PM PDT

Virtually at: www.virtualshareholdermeeting.com/IONS2021

^{*}Please check the meeting materials for any special requirements for meeting attendance.

THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming stockholder meeting. Please follow the instructions on the reverse side to vote these important matters.

1. E	lection of Directors		Voting Items						
	election of Directors								
ı	Nominees:					⊘ For			
(01) Brett Monia	02)	Frederick Muto	03)	Peter Reikes				
i	To approve an amendment of the lonis Pharmaceuticals, Inc. 2011 Equity Incentive Plan to, among other things, increase the aggregate number of shares of common stock authorized for issuance under such plan by 6,700,000 shares to an aggregate of 29,700,000 shares and add a fungible share counting ratio.								
3. T	To approve, by non-binding vote, executive compensation.								
4. F	Ratify the Audit Committee's selection of Ernst & Young LLP as independent auditors for the 2021 fiscal year.								
NOTE:	Such other business as may properly	com	e before the meeting or any adjoi	urnme	nt thereof.				

Prefer to receive an email instead? While voting on www.ProxyVote.com, be sure to click "Sign up for E-delivery".