

# FORM 4

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

OMB APPROVAL	
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person* <b>Simonian Nancy A</b>		2. Issuer Name and Ticker or Trading Symbol <b>Syros Pharmaceuticals, Inc. [SYRS]</b>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>President &amp; CEO</b>	
(Last) (First) (Middle) <b>C/O SYROS PHARMACEUTICALS, INC., 35 CAMBRIDGEPARK DRIVE</b>		3. Date of Earliest Transaction (Month/Day/Year) <b>02/15/2022</b>			
(Street) <b>CAMBRIDGE, MA 02140</b>		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)					

### 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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			

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

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### 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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$ 1.59	02/15/2022		A		375,000		(1)	02/14/2032	Common Stock	375,000	\$ 0	375,000	D	
Restricted Stock Units	(2)	02/15/2022		A		240,000		(3)	(3)	Common Stock	240,000	\$ 0	240,000	D	
Restricted Stock Units	(2)	02/15/2022		A		400,000		(4)	(4)	Common Stock	400,000	\$ 0	400,000	D	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Simonian Nancy A C/O SYROS PHARMACEUTICALS, INC. 35 CAMBRIDGEPARK DRIVE CAMBRIDGE, MA 02140	X		President & CEO	

## Signatures

/s/ Gerald E. Quirk, as attorney-in-fact		02/17/2022
*Signature of Reporting Person		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) This option becomes exercisable as to one quarter (1/4th) of the shares on February 28, 2023, with the remainder vesting in monthly installments equal to one forty-eighth (1/48th) of the original number of shares at the end of each of the next thirty-six (36) months thereafter.
- (2) Each restricted stock unit ("RSU") represents the contingent right to receive one share of the issuer's common stock.
- (3) These RSUs will vest in four equal annual installments commencing on March 31, 2023.
- (4) These RSUs will vest in full on March 31, 2025.

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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