FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Simonian Nancy A					Issuer Name and Ticker or Trading Symbol Syros Pharmaceuticals, Inc. [SYRS] Date of Earliest Transaction (Month/Day/Year) 10/06/2022									tionship of R all applicabl Director Officer (gi below)	e)	orting Person(s) to Issuer 10% Ow title Other (s below)		·
C/O SYROS PHARMACEUTICALS, INC.															President & CEO			
35 CAMBRIDGEPARK DRIVE				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) CAMBRIDGE MA 02140													X	X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State	e) (.	Zip)															
		T	able I - Non	-Derivat	ive S	ecuritie	s Acc	quired, C)isp	osed o	f, or Bene	ficia	lly Ow	ned				
Date				2. Transact Date (Month/Day	Execution		n Date,	Code (Ins	ansaction Disposed Of (D) ode (Instr.			ies Acquired (A) or Of (D) (Instr. 3, 4 and 5)		5. Amount Securities Beneficially Following F	/ Owned Reported	Form	nership : Direct (D) lirect (I) . 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
								Code	v	Amount (A) or (D)		rice	Transaction(s) (Instr. 3 and 4)				(instr. 4)	
	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	e (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Yea	4. Transaction Code (Instr.		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 Amoun Securities Underly Derivative Security 3 and 4)		ing	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transaction	s Illy	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable		opiration ate	Title	Nur	ount or mber of ares		(Instr. 4)	5.1(3)		
Stock Option (right to buy)	\$6.73	10/06/2022		A		115,000		(1)	10)/05/2032	Common Stock	11	5,000	\$0.00	115,00	0	D	
Restricted Stock Units	(2)	10/06/2022		A		80,250		(3)		(3)	Common Stock	80	0,250	\$0.00	80,250	0	D	

Explanation of Responses:

- 1. This option becomes exercisable as to one half (50%) of the shares on October 31, 2023, and as to one half (50%) of the shares on October 31, 2024.
- $2. \ Each \ restricted \ stock \ unit \ ("RSU") \ represents \ the \ contingent \ right \ to \ receive \ one \ share \ of \ the \ issuer's \ common \ stock.$
- $3.\ These\ RSUs\ will\ vest\ as\ to\ one\ half\ (50\%)\ of\ the\ shares\ on\ October\ 31,\ 2023,\ and\ as\ to\ one\ half\ (50\%)\ of\ the\ shares\ on\ October\ 31,\ 2024.$

Remarks:

Exhibit 24: Power of Attorney

/s/ Todd Rosenthal, as attorney-infact 10/11/2022

** 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.

Know all by these presents, that the undersigned hereby makes, constitutes and appoints each of Jason Haas and Todd Rosenthal, signing singly and each acting individually, as the undersigned's true and lawful attorney-in-fact with full power and authority as hereinafter described to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Syros Pharmaceuticals, Inc. (the "Company"), Forms 3, 4, and 5 (including any amendments thereto) in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder (the "Exchange Act");
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to prepare, complete and execute any such Form 3, 4, or 5, prepare, complete and execute any amendment or amendments thereto, and timely deliver and file such form with the United States Securities and Exchange Commission (the "SEC") and any stock exchange or similar authority, including without limitation the filing of a Form ID or any other application materials to enable the undersigned to gain or maintain access to the Electronic Data Gathering, Analysis and Retrieval system of the SEC;
- (3) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information regarding transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to such attorney-in-fact and approves and ratifies any such release of information; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming nor relieving, nor is the Company assuming nor relieving, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act. The undersigned acknowledges that neither the Company nor the foregoing attorneys-in-fact assume (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 2nd day of March, 2022.

Signature

/s/ Nancy Simonian

Nancy Simonian Print Name