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

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 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

| Name and Address of Reporting Person * Simonian Nancy A | | | 2. Issuer Name and Ticker or Trading Symbol Syros Pharmaceuticals, Inc. [SYRS] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director10% Owner | | | | |
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| (Last) (First) (Middle) C/O SYROS PHARMACEUTICALS, INC., 35 CAMBRIDGEPARK DRIVE | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2022 | | | | | | X Officer (give title below) Other (specify below) President & CEO | | | | |
| (Street) CAMBRIDGE, MA 02140 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | - - | 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| State) | (Zip) | | T | able I | - Non | -Derivat | ive S | ecurities | Acqui | red, Dispe | osed of, or l | Beneficially (| Owned | |
| (Instr. 3) Date | | Execution any | 2A. Deemed Execution Date, if | f Code (Instr. 8) | | tion 4. Securities Acquir | | of (D) | Beneficial Reported | nt of Securities ally Owned Following | | Ownership Form: | Beneficial | |
| | | (Month/Day/Y | | | ode | V An | ount | (A) or (D) | | (Instr. 3 a | nd 4) | | Direct (D) Owners or Indirect (I) (Instr. 4) | |
| 04/0 | 1/2022 | | | F | (1) | 58 | ,883 | D | \$ 1.12 | 692,723 | 2,723 ⁽²⁾ | | D | |
| | | | | | quire | the form | disp sed of | plays a o | curren eficiall | itly valid | | | | |
| 1. Title of Derivative Security (Instr. 3) 2. Conversion Date (Month/Day/Year) Price of Derivative Security | 3A. Deemed Execution Date, if Translary C | | 4. 5. f Transaction Num Code of O(Instr. 8) Deriv Secu Acqu (A) o Dispo of (D (Instr. 8) | | 6. Da fumber f berivative ecurities .cquired A) or bisposed f (D) instr. 3, | | ate Exercisable Expiration Date | | 7. Tit Amo Unde Secur | unt of erlying rities | Derivative Security (Instr. 5) | Derivative Securities Beneficially Owned Following Reported | Ownersh Form of Derivativ Security: Direct (D or Indirect (s) (I) | Beneficia Ownershi (Instr. 4) |
| | | | | | | Date | | Expiration | , | or Number | | | | |
| F [S | Pirst) (ACEUTICAL GEPARK DRIVETTE DATE (Mon Da | Cirret) ACEUTICALS, GEPARK DRIVE State) 2. Transaction Date (Month/Day/Year) 04/01/2022 Transaction te Execution Date Execution Date any description any description of the Execution Date Execution Date any description any description any description and the Execution Date and the E | Syros P Syros P Syros P Sirst) (Middle) ACEUTICALS, 04/01/20 GEPARK DRIVE 2. Transaction Date (Month/Day/Year) 04/01/2022 Table II - Derivative (e.g., puts, Transaction Date, if Indicate Individual of the Execution Date, if Indianal Code Syros P 3. Date of 04/01/20 4. If Ame 2. Transaction Date (Authority of the Execution Date) Table II - Derivative (e.g., puts, Indianal Code) Execution Date, if Indianal Code Transaction Code Transaction Date, if Indianal Code Transaction Date | Syros Pharmac Syros Pharmac ACEUTICALS, GEPARK DRIVE 3. Date of Earlies 04/01/2022 4. If Amendment, 2140 State) 2. Transaction Date (Month/Day/Year) 24. Deemed Execution Date, if any (Month/Day/Year) Table II - Derivative Securit (e.g., puts, calls, w. Transaction any (Month/Day/Year) Transaction Code (Instr. 8) | Syros Pharmaceutic ACEUTICALS, GEPARK DRIVE State) 2. Transaction Date (Month/Day/Year) O4/01/2022 Table II - Derivative Securities Ace (e.g., puts, calls, warrant land lonth/Day/Year) Transaction Syros Pharmaceutic 3. Date of Earliest Trans O4/01/2022 4. If Amendment, Date of Execution Date, if any (Month/Day/Year) Table II - Derivative Securities Ace (e.g., puts, calls, warrant land lonth/Day/Year) Transaction any (Month/Day/Year) Transaction of Execution Date, if any (Month/Day/Year) (Month/Day/Year) Transaction of Code of (Instr. 8) Transaction of (D) (Instr. 8) Transaction of (D) (Instr. 8) | Syros Pharmaceuticals, Sirst) (Middle) ACEUTICALS, GEPARK DRIVE Street) 2. Transaction Date (Month/Day/Year) Code Transaction 3. Transaction Code Code 4. Transaction Transaction Date (E.g., puts, calls, warrants, open the conth/Day/Year) Transaction Date (Code of Code of Cod | Syros Pharmaceuticals, Inc. [SY ACEUTICALS, ACEUTICALS, 64/01/2022] 3. Date of Earliest Transaction (Month/O4/12022] 4. If Amendment, Date Original Filed(North/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Execution Date, if any (Month/Day/Year) 3. Transaction Execution Date, if any (Month/Day/Year) 2. Transaction Execution Date, if any (Month/Day/Year) 3. Transaction Execution Date, if Transaction Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 3. Transaction Execution Date, if Date Execution Date, if Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) | Syros Pharmaceuticals, Inc. [SYRS] Sirist | Syros Pharmaceuticals, Inc. [SYRS] 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2022 4. If Amendment, Date Original Filed(Month/Day/Year) 2140 State) 2. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 8) 4. Securities Acq (A) or Disposed of (Instr. 3) 4. Amount (A) or (D) 2. Transaction Code (Instr. 3) 4. Securities Persons who response on the form displays a securities Transaction Execution Date, if Code (Instr. 8) Transaction Code (Instr. 8) Transaction Code (Instr. 8) 6. Date Exercisable and Expiration Date (Month/Day/Year) (Month/Day/Year) (Instr. 8) Transaction Code Of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3) | Syros Pharmaceuticals, Inc. [SYRS] 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 2140 State) 2. Transaction Date (Month/Day/Year) 3. Transaction Code (A) or Disposed of (D) (Instr. 8) 2. Transaction (A) or Disposed of, or Beneficially Or Date (Month/Day/Year) 3. Transaction (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, or Beneficially One Date (Month/Day/Year) 3. Transaction (A) or Disposed of (D) (Instr. 8) 4. Securities (Month/Day/Year) 5. Securities (Month/Day/Year) 6. Date Exercisable (Month/Day/Year) 8. Deemed (Month/Day/Year) 9. Securities (Month/Day/Year) | Syros Pharmaceuticals, Inc. [SYRS] X Direct | Syros Pharmaceuticals, Inc. [SYRS] X Director X Officer (give title bel XCEUTICALS, iteract) 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2022 4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/X, Form filed by More Rep-Form filed by More than State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or I | Syros Pharmaceuticals, Inc. [SYRS] Check all application | Syros Pharmaceuticals, Inc. [SYRS] (Middle) ACEUTICALS, O4/01/2022 SEPARK DRIVE A. If Amendment, Date Original Filed(Month/Day/Year) (A) If Amendment, Date Original Filed(Month/Day/Year) (B) Individual or Joint/Group FilingCheck Applicable Applicab |

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

Signatures

| /s/ Nancy Simonian | 04/04/2022 | | | |
|---------------------------------|------------|--|--|--|
| **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) Represents shares used to cover tax withholding on a Restricted Stock Unit release.
- (2) Includes 129,117 shares of common stock released from the Restricted Stock Unit award reported on a Form 4 dated February 14, 2019.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.