## FORM 4

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

OMB APPROVAL
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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

| (Print or Ty  | pe Response   | s)              |  |  |  |                        |       |       |  |   |   |  |   |                           |  |  |                         |
|---|---|-----------------|--|--|--|------------------------|-------|-------|--|---|---|--|---|---------------------------|--|--|-------------------------|
| 1. Name and Address of Reporting Person * Young Richard A                       |   |                 |  |  | Issuer Name and Ticker or Trading Symbol Syros Pharmaceuticals, Inc. [SYRS]      |                        |       |       |  |   |   |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  _X_ Director 10% Owner |                           |  |  |                         |
| (Last) (First) (Middle) C/O SYROS PHARMACEUTICALS, INC., 35 CAMBRIDGEPARK DRIVE |   |                 |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2021                      |                        |       |       |  |   |   | Office   | er (give title belo   | ow)                       | Other (specify b   | elow)  |                         |
| (Street)  |   |                 |  | 4. If Amendment, Date Original Filed(Month/Day/Year) |  |                        |       |       |  | _X_ Form fi   | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person _Form filed by More than One Reporting Person |  |   |                           |  |  |                         |
| CAMBRIDGE, MA 02140 (City) (State) (Zip)  |   |                 |  |  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                        |       |       |  |   |   |  |   |                           |  |  |                         |
| 1.Title of Security<br>(Instr. 3)   |   |                 | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date<br>any                  |  | if                     |       |       |  | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |   | 5. Amou<br>Benefici<br>Reported                              | Reported Transaction(s)   |                           | 6.<br>Ownership<br>Form:                                       | Beneficial   |                         |
|   |   |                 |  | (Mon   | th/Day/Ye  | ar)                    | Co    | de    | V  | Amount  | (A) or (D)  | Pri  | (Instr. 3 and 4)  |                           |  | \ /  | Ownership<br>(Instr. 4) |
| Common  | Stock   |                 | 02/16/2021                                 |  |  |                        | SC    | 1)    |  | 3,750   | D   | \$<br>12.0<br>(2)  | 321,71  | 1                         |  | D  |                         |
| Reminder:   | Report on a s   | separate line f |  | Deriva   |  | ritie                  | s Acc | quire | Pers<br>cont<br>the f  | ons whatained in  | no responthis for this for B  | form<br>a cu<br>enefi  | to the colle<br>are not req<br>rrently valid  | uired to res<br>I OMB con | spond unle   | ss   | 1474 (9-02)             |
| 1. Title of   | 2   | 3. Transactio   |  | (e.g., p   | 4.   | 5                      |       |       |  |   |   |  | 7. Title and  | 8 Price of                | 9. Number  | of 10.   | 11. Natur               |
| Derivative<br>Security  | Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | Date            | Execution Da                               |  | Transactio<br>Code   | on N o C S A (A C O (I |       |       | 6. Date Exercisable<br>and Expiration Date<br>(Month/Day/Year) |   | I<br>S<br>(   | Amount of<br>Underlying<br>Securities<br>(Instr. 3 and<br>4) | Derivative<br>Security<br>(Instr. 5)  |                           | Owners<br>Form of<br>Derivati<br>Security<br>Direct (or Indire | of Indirect<br>Beneficia<br>Ownershi<br>(Instr. 4) |                         |
|   |   |                 |  |  | Code V   | V (                    | (A)   |       | Date<br>Exer   |   | Expirat<br>Date   | ion  | Amount or Number of Shares  |                           |  |  |                         |

### **Reporting Owners**

|   | Relationships |              |         |       |  |  |
|---|---------------|--------------|---------|-------|--|--|
| Reporting Owner Name / Address  | Director      | 10%<br>Owner | Officer | Other |  |  |
| Young Richard A<br>C/O SYROS PHARMACEUTICALS, INC.<br>35 CAMBRIDGEPARK DRIVE<br>CAMBRIDGE, MA 02140 | X             |              |         |       |  |  |

#### **Signatures**

| /s/ Gerald E. Quirk, as attorney-in-fact | 02/18/2021 |  |  |
|--|------------|--|--|
| 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) The sales reported on this Form 4 were effected pursuant to a trading plan adopted pursuant to Rule 10b5-1 under the Securities Exchange Act of 1934, as amended.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$11.75 to \$12.415, inclusive. The (2) reporting person undertakes to provide the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range.

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.