

FORM 3**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

OMB APPROVALOMB 3235-
Number: 0104
Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF 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 Type Responses)

1. Name and Address of Reporting Person * DeSimone Colleen Elizabeth	2. Date of Event Requiring Statement (Month/Day/Year) 09/28/2017	3. Issuer Name and Ticker or Trading Symbol Syros Pharmaceuticals, Inc. [SYRS]	
(Last) (First) (Middle) 620 MEMORIAL DRIVE, SUITE 300		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Principal Accounting Officer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street) CAMBRIDGE, MA 02139		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 Beneficially Owned		

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

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 control number.


Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (right to buy)	(1)	06/08/2025	Common Stock	13,566	\$ 3.04	D	
Stock Option (right to buy)	(2)	12/22/2025	Common Stock	2,666	\$ 9.08	D	
Stock Option (right to buy)	(3)	02/09/2027	Common Stock	21,800	\$ 10.9	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DeSimone Colleen Elizabeth 620 MEMORIAL DRIVE, SUITE 300 CAMBRIDGE, MA 02139			Principal Accounting Officer	

Signatures

/s/ Colleen E. DeSimone	10/06/2017
 Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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 is exercisable as to 2,454 shares and becomes exercisable as to the remaining 11,112 shares in equal monthly installments on the last day of each month until April 27, 2019.
- (2) This option is exercisable as to 1,221 shares and becomes exercisable as to the remaining 1,445 shares in equal monthly installments on the last day of each month until October 21, 2019.
- (3) This option becomes exercisable as to 25% of the shares underlying the option on February 10, 2018, with the remainder becoming exercisable in equal monthly installments of 2.0833% of the shares underlying the option at the end of each successive month thereafter.

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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