OvaScience, Inc. Form 4 March 13, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue. See Instruction **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

(City)

1. Name and Address of Reporting Person * Couturier Christophe

> (First) (Middle)

C/O OVASCIENCE, INC. 9

FOURTH AVE

(Street)

(State)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

OvaScience, Inc. [OVAS]

3. Date of Earliest Transaction (Month/Day/Year)

12/23/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

> below) Chief Financial Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

D

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

WALTHAM, MA 02541

1. Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common

300

A

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

12/23/2016 Stock

1.4372

A

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

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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. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)			7. Title Amoun Underly Securiti (Instr. 3	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

**Signature of Reporting Person

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Couturier Christophe			Chief				
C/O OVASCIENCE, INC. 9 FOURTH AVE			Financial				
WALTHAM MA 02541			Officer				

Date

Signatures

/s/ William C. Hicks,
Attorney-in-Fact
03/13/2017

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).

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.

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