

Duchemin Jeffrey  
 Form 4  
 May 29, 2018

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
 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, 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. Name and Address of Reporting Person \*  
 Duchemin Jeffrey

2. Issuer Name and Ticker or Trading Symbol  
 HARVARD BIOSCIENCE INC  
 [HBIO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 05/24/2018

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chief Executive Officer

C/O HARVARD BIOSCIENCE,  
 INC., 84 OCTOBER HILL ROAD

(Street)

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

HOLLISTON, MA 01746

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock                    | 05/24/2018                           |  | A                              | (A)<br>94,444<br>(1)  | \$ 0 736,298 (2)  | D  |                                   |
| Common Stock                    | 05/24/2018                           |  | A                              | (A)<br>94,444<br>(3)  | \$ 0 830,742 (4)  | D  |                                   |

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

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SEC 1474  
 (9-02)

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**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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 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 Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                         |       |
|---|---------------|-----------|-------------------------|-------|
|   | Director      | 10% Owner | Officer                 | Other |
| Duchemin Jeffrey<br>C/O HARVARD BIOSCIENCE, INC.<br>84 OCTOBER HILL ROAD<br>HOLLISTON, MA 01746 | X             |           | Chief Executive Officer |       |

## Signatures

/s/ Chad Porter, by power of attorney  
Date: 05/29/2018

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 a deferred stock award of 94,444 restricted stock units which shall vest in four equal installments on January 1, 2019, 2020, 2021 and 2022.

Includes (a) a deferred stock award of 94,444 restricted stock units which shall vest in four equal installments on January 1, 2019, 2020, 2021 and 2022; (b) a deferred stock award of 268,206 restricted stock units which shall vest in three equal installments on January 1, 2019, 2020 and 2021; (c) a deferred stock award of 145,833 restricted stock units which shall vest in two equal installments on January 1, 2019 and 2020; (d) a deferred stock award of 17,225 restricted stock units which shall vest in full on January 1, 2019; (e) a deferred stock award of 71,748 restricted stock units with performance based vesting conditions, which shall vest on August 3, 2018 contingent upon achievement of a performance condition tied to relative total shareholder return; and (f) 138,842 shares of common stock held by the Reporting Person.

(3) Represents a deferred stock award of 94,444 restricted stock units with performance based vesting conditions. These restricted stock units shall vest in three equal annual installments on May 24, 2019, May 24, 2020 and May 24, 2021, and are linked to the achievement of a relative total shareholder return of the Issuer's common stock from May 24, 2018 to the earlier of (i) May 24, 2019 or (ii) upon a change of control (measured relative to the NASDAQ Biotechnology index and based on the 20-day trading average price before each such date). The target number of these restricted stock units that may be earned is reported above; the maximum amount is 150% of the number reported.

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- Includes (a) a deferred stock award of 94,444 restricted stock units with performance based vesting conditions, which shall vest in three
- (4) equal installments on May 24, 2019, May 24, 2020 and May 24, 2021, contingent upon achievement of a performance condition tied to relative total shareholder return; and (b) all awards and common stock held by the Reporting Person as described in footnote 2 above.

### **Remarks:**

This form has been signed under power of attorney.

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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