

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

SCHEDULE 13D
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO
§ 240.13d-2(a)

(Amendment No. 4)¹

Harvard Bioscience, Inc.
(Name of Issuer)

Common Stock, \$0.01 par value
(Title of Class of Securities)

416906105
(CUSIP Number)

ANDREW FREEDMAN, ESQ.
RYAN NEBEL, ESQ.
OLSHAN FROME WOLOSKY LLP
1325 Avenue of the Americas
New York, New York 10019
(212) 451-2300

(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

June 19, 2020
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the *Notes*).

1	NAME OF REPORTING PERSON ENGINE CAPITAL, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,550,074
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,550,074
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,550,074	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.0%	
14	TYPE OF REPORTING PERSON PN	

1	NAME OF REPORTING PERSON ENGINE JET CAPITAL, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 327,047
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 327,047
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 327,047	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) Less than 1%	
14	TYPE OF REPORTING PERSON PN	

1	NAME OF REPORTING PERSON ENGINE CAPITAL MANAGEMENT, LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,877,121
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,877,121
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,877,121	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.9%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSON ENGINE CAPITAL MANAGEMENT GP, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,877,121
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,877,121
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,877,121	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.9%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSON ENGINE INVESTMENTS, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,877,121
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,877,121
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,877,121	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.9%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSON ARNAUD AJDLER	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION BELGIUM	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,877,121
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,877,121
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,877,121	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.9%	
14	TYPE OF REPORTING PERSON IN	

The following constitutes Amendment No. 4 to the Schedule 13D filed by the undersigned ("Amendment No. 4"). This Amendment No. 4 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by each of Engine Capital and Engine Jet were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business). The aggregate purchase price of the 1,550,074 Shares beneficially owned by Engine Capital is approximately \$2,929,640, including brokerage commissions. The aggregate purchase price of the 327,047 Shares beneficially owned by Engine Jet is approximately \$614,848, including brokerage commissions.

Item 5. Interest in Securities of the Issuer.

Items 5(a) – (c) and (e) are hereby amended and restated to read as follows:

The aggregate percentage of Shares reported owned by each person named herein is based upon 38,380,403 Shares outstanding as of April 30, 2020, which is the total number of Shares outstanding as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on May 8, 2020.

A. Engine Capital

- (a) As of the close of business on June 19, 2020, Engine Capital directly owned 1,550,074 Shares.

Percentage: Approximately 4.0%

- (b) 1. Sole power to vote or direct vote: 1,550,074
2. Shared power to vote or direct vote: 0
3. Sole power to dispose or direct the disposition: 1,550,074
4. Shared power to dispose or direct the disposition: 0

B. Engine Jet

- (a) As of the close of business on June 19, 2020, Engine Jet directly owned 327,047 Shares.

Percentage: Less than 1%

- (b) 1. Sole power to vote or direct vote: 327,047
2. Shared power to vote or direct vote: 0
3. Sole power to dispose or direct the disposition: 327,047
4. Shared power to dispose or direct the disposition: 0

C. Engine Management

- (a) Engine Management, as the investment manager of each of Engine Capital and Engine Jet, may be deemed to beneficially own the 1,877,121 Shares owned in the aggregate by Engine Capital and Engine Jet.

Percentage: Approximately 4.9%

- (b)
 - 1. Sole power to vote or direct vote: 1,877,121
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,877,121
 - 4. Shared power to dispose or direct the disposition: 0

D. Engine GP

- (a) Engine GP, as the general partner of Engine Management, may be deemed to beneficially own the 1,877,121 Shares owned in the aggregate by Engine Capital and Engine Jet.

Percentage: Approximately 4.9%

- (b)
 - 1. Sole power to vote or direct vote: 1,877,121
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,877,121
 - 4. Shared power to dispose or direct the disposition: 0

E. Engine Investments

- (a) Engine Investments, as the general partner of each of Engine Capital and Engine Jet, may be deemed to beneficially own the 1,877,121 Shares owned in the aggregate by Engine Capital and Engine Jet.

Percentage: Approximately 4.9%

- (b)
 - 1. Sole power to vote or direct vote: 1,877,121
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,877,121
 - 4. Shared power to dispose or direct the disposition: 0

F. Mr. Ajdler

- (a) Mr. Ajdler, as the managing member of Engine Management and Engine Investments, may be deemed to beneficially own the 1,877,121 Shares owned in the aggregate by Engine Capital and Engine Jet.

Percentage: Approximately 4.9%

- (b)
 - 1. Sole power to vote or direct vote: 1,877,121
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,877,121
 - 4. Shared power to dispose or direct the disposition: 0

The filing of this Amendment No. 4 to the Schedule 13D shall not be deemed an admission that the Reporting Persons are, for purposes of Section 13(d) of the Exchange Act, the beneficial owners of any securities of the Issuer that he or it does not directly own. Each of the Reporting Persons specifically disclaims beneficial ownership of the securities reported herein that he or it does not directly own.

- (c) The transactions in the Shares by the Reporting Persons since the filing of Amendment No. 3 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference. All such transactions were effected in the open market.
- (e) As of June 19, 2020, the Reporting Persons ceased to be beneficial owners of more than 5% of the Shares.

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: June 22, 2020

Engine Capital, L.P.

By: Engine Investments, LLC
General Partner

By: /s/ Arnaud Ajdler
Name: Arnaud Ajdler
Title: Managing Member

Engine Jet Capital, L.P.

By: Engine Investments, LLC
General Partner

By: /s/ Arnaud Ajdler
Name: Arnaud Ajdler
Title: Managing Member

Engine Capital Management, LP

By: Engine Capital Management GP, LLC
General Partner

By: /s/ Arnaud Ajdler
Name: Arnaud Ajdler
Title: Managing Member

Engine Capital Management GP, LLC

By: /s/ Arnaud Ajdler
Name: Arnaud Ajdler
Title: Managing Member

Engine Investments, LLC

By: /s/ Arnaud Ajdler
Name: Arnaud Ajdler
Title: Managing Member

/s/ Arnaud Ajdler
Arnaud Ajdler

SCHEDULE A**Transactions in the Shares Since the Filing of Amendment No. 3 to the Schedule 13D**

<u>Nature of the Transaction</u>	<u>Amount of Securities Purchased / (Sold)</u>	<u>Price Per Share (\$)</u>	<u>Date of Purchase / Sale</u>
<u>ENGINE CAPITAL, L.P.</u>			
Sale of Common Stock	(16,288)	2.7506	06/03/2020
Sale of Common Stock	(2,964)	2.7733	06/04/2020
Sale of Common Stock	(34,369)	2.8228	06/05/2020
Sale of Common Stock	(46,097)	2.9125	06/08/2020
Sale of Common Stock	(971)	2.9226	06/09/2020
Sale of Common Stock	(52,939)	2.8662	06/09/2020
Sale of Common Stock	(908)	2.8500	06/10/2020
Sale of Common Stock	(41,071)	2.8087	06/10/2020
Sale of Common Stock	(22,893)	2.6734	06/11/2020
Sale of Common Stock	(55,132)	2.6618	06/12/2020
Sale of Common Stock	(42,925)	2.6909	06/15/2020
Sale of Common Stock	(412,213)	2.9501	06/19/2020
<u>ENGINE JET CAPITAL, L.P.</u>			
Sale of Common Stock	(3,443)	2.7506	06/03/2020
Sale of Common Stock	(626)	2.7733	06/04/2020
Sale of Common Stock	(7,266)	2.8228	06/05/2020
Sale of Common Stock	(9,745)	2.9125	06/08/2020
Sale of Common Stock	(205)	2.9226	06/09/2020
Sale of Common Stock	(11,192)	2.8662	06/09/2020
Sale of Common Stock	(192)	2.8500	06/10/2020
Sale of Common Stock	(8,682)	2.8087	06/10/2020
Sale of Common Stock	(4,840)	2.6734	06/11/2020
Sale of Common Stock	(11,655)	2.6618	06/12/2020
Sale of Common Stock	(9,075)	2.6909	06/15/2020
Sale of Common Stock	(815)	2.9501	06/19/2020
Sale of Common Stock	(86,972)	2.9501	06/19/2020