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SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

**Generate Biomedicines, Inc.**

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(Name of Issuer)

**Common Stock, \$0.001 par value per share**

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(Title of Class of Securities)

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(CUSIP Number)

**03/31/2026**

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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)
- 
- 

SCHEDULE 13G

**CUSIP No.**

Names of Reporting Persons

1  
Flagship Pioneering Fund VI, L.P.

Check the appropriate box if a member of a Group (see instructions)

2  
 (a)  
 (b)

3  
Sec Use Only

Citizenship or Place of Organization

4  
DELAWARE

Number of Shares Beneficially 5  
Sole Voting Power 0.00

Owned by Each Reporting Person With: 6 Shared Voting Power  
12,723,940.00  
Sole Dispositive Power  
7  
0.00  
Shared Dispositive Power  
8  
12,723,940.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
12,723,940.00  
10 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)  
  
11 Percent of class represented by amount in row (9)  
9.9 %  
12 Type of Reporting Person (See Instructions)  
PN

SCHEDULE 13G

CUSIP No.

1 Names of Reporting Persons  
Flagship Pioneering Fund VI General Partner LLC  
Check the appropriate box if a member of a Group (see instructions)  
2  (a)  
 (b)  
3 Sec Use Only  
4 Citizenship or Place of Organization  
DELAWARE  
Sole Voting Power  
5  
0.00  
Number of Shares Beneficially Owned by Each Reporting Person With: 6 Shared Voting Power  
12,723,940.00  
Sole Dispositive Power  
7  
0.00  
Shared Dispositive Power  
8  
12,723,940.00  
9 Aggregate Amount Beneficially Owned by Each Reporting Person  
12,723,940.00  
10 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)  
  
11 Percent of class represented by amount in row (9)  
9.9 %

12 Type of Reporting Person (See Instructions)

OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1 Pioneering Medicines 02, LLC

Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power

5 0.00

Number of Shares Beneficially

6 1,562,500.00

Owned by Each Reporting Person

7 0.00

With: Shared Dispositive Power

8 1,562,500.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 1,562,500.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11 1.2 %

Type of Reporting Person (See Instructions)

12 OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1 Flagship Pioneering Fund VII, L.P.

Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only  
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power  
5 0.00

Number of Shares Beneficially Owned by Each Reporting Person With: 6 Shared Voting Power

16,827,224.00

Sole Dispositive Power

7 0.00

8 Shared Dispositive Power

16,827,224.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 16,827,224.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11 13.1 %

Type of Reporting Person (See Instructions)

12 PN

### SCHEDULE 13G

#### CUSIP No.

Names of Reporting Persons

1 Flagship Pioneering Fund VII General Partner LLC

Check the appropriate box if a member of a Group (see instructions)

2  (a)

(b)

3 Sec Use Only  
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power  
5 0.00

Number of Shares Beneficially Owned by Each Reporting Person With: 6 Shared Voting Power

16,827,224.00

Sole Dispositive Power

7 0.00

8 Shared Dispositive Power

16,827,224.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person

16,827,224.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

13.1 %

Type of Reporting Person (See Instructions)

12

OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1

Nutritional Health LTP Fund, L.P.

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

0.00

Number of  
Shares

Shared Voting Power

6

987,491.00

Beneficially  
Owned by  
Each

Sole Dispositive Power

7

0.00

Reporting  
Person

Shared Dispositive

With:

8

Power

987,491.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

987,491.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

0.8 %

Type of Reporting Person (See Instructions)

12

PN

## SCHEDULE 13G

### CUSIP No.

1 Names of Reporting Persons  
Nutritional Health LTP Fund General Partner LLC  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only  
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power

5 0.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
987,491.00

Sole Dispositive Power

7 0.00

8 Shared Dispositive Power

987,491.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 987,491.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11 0.8 %

Type of Reporting Person (See Instructions)

12 PN

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1 Flagship Pioneering Special Opportunities Fund II, L.P.  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only  
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power

5 0.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
2,777,752.00

7 Sole Dispositive Power

0.00  
Shared Dispositive  
Power

8

2,777,752.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

2,777,752.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

2.2 %

Type of Reporting Person (See Instructions)

12

PN

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1

Flagship Pioneering Special Opportunities Fund II General Partner LLC

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

0.00

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person  
With:

6

Shared Voting Power

2,777,752.00

7

Sole Dispositive Power

0.00

8

Shared Dispositive

Power

2,777,752.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

2,777,752.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

2.2 %

Type of Reporting Person (See Instructions)

12

OO

## SCHEDULE 13G

### CUSIP No.

1 Names of Reporting Persons  
FPN II, L.P.  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
ONTARIO, CANADA

5 Sole Voting Power  
0.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
4,340,252.00

7 Sole Dispositive Power  
0.00

8 Shared Dispositive Power  
4,340,252.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
4,340,252.00  
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

11 Percent of class represented by amount in row (9)  
3.4 %

12 Type of Reporting Person (See Instructions)  
PN

## SCHEDULE 13G

### CUSIP No.

1 Names of Reporting Persons  
FPN General Partner LLC  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power
	0.00	
		Shared Voting Power
	6	
	4,340,252.00	
		Sole Dispositive Power
	7	
	0.00	
		Shared Dispositive Power
	8	
	4,340,252.00	
	Aggregate Amount Beneficially Owned by Each Reporting Person	
9	4,340,252.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
	<input type="checkbox"/>	
11	Percent of class represented by amount in row (9)	
	3.4 %	
12	Type of Reporting Person (See Instructions)	
	OO	

## SCHEDULE 13G

### CUSIP No.

1	Names of Reporting Persons	
	Flagship VentureLabs VI, LLC	
	Check the appropriate box if a member of a Group (see instructions)	
2	<input type="checkbox"/> (a)	
	<input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization	
	DELAWARE	
	Sole Voting Power	
	5	
	0.00	
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power
	25,016,458.00	
		Sole Dispositive Power
	7	
	0.00	
		Shared Dispositive Power
	8	
	25,016,458.00	
	Aggregate Amount Beneficially Owned by Each Reporting Person	
9	25,016,458.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
	<input type="checkbox"/>	

11 Percent of class represented by amount in row (9)

19.5 %

Type of Reporting Person (See Instructions)

12

OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1

Flagship VentureLabs VI Manager LLC

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

0.00

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person  
With:

6 Shared Voting Power

25,016,458.00

7 Sole Dispositive Power

0.00

8 Shared Dispositive  
Power

25,016,458.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

25,016,458.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

19.5 %

Type of Reporting Person (See Instructions)

12

OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1

Flagship Pioneering, LLC

2

Check the appropriate box if a member of a Group (see instructions)

(a)

(b)

3 Sec Use Only  
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power

5

0.00

Number of Shares Beneficially Owned by Each Reporting Person With:

Shared Voting Power

6

62,673,117.00

Sole Dispositive Power

7

0.00

Shared Dispositive

8

Power

62,673,117.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

62,673,117.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

48.9 %

Type of Reporting Person (See Instructions)

12

OO

## SCHEDULE 13G

### CUSIP No.

Names of Reporting Persons

1

Afeyan Noubar

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3 Sec Use Only

Citizenship or Place of Organization

4

UNITED STATES

Number of Shares Beneficially Owned by Each Reporting Person With:

5

28,798.00

Shared Voting Power

6

62,673,117.00

Sole Dispositive Power

7

28,798.00

8 Shared Dispositive Power

62,673,117.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

62,701,915.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

48.9 %

Type of Reporting Person (See Instructions)

12

IN

## SCHEDULE 13G

Item 1.

Name of issuer:

(a)

Generate Biomedicines, Inc.

Address of issuer's principal executive offices:

(b)

101 South Street, Suite 900, Somerville, MA 02143

Item 2.

Name of person filing:

The names of the persons filing this report (collectively, the "Reporting Persons") are: (i) Flagship Pioneering Fund VI, L.P. ("Flagship Fund VI"). (ii) Flagship Pioneering Fund VI General Partner LLC ("Flagship Fund VI GP"). (iii) Pioneering Medicines 02, LLC ("PM02"). (iv) Flagship Pioneering Fund VII, L.P. ("Flagship Fund VII"). (v) Flagship Pioneering Fund VII General Partner LLC ("Flagship Fund VII GP"). (vi) Nutritional Health LTP Fund, L.P. ("Nutritional LTP"). (vii) Nutritional Health LTP Fund General Partner LLC ("Nutritional LTP GP"). (viii) Flagship Pioneering Special Opportunities Fund II, L.P. ("Flagship Opportunities Fund II"). (ix) Flagship Pioneering Special Opportunities Fund II General Partner LLC ("Flagship Opportunities Fund II GP"). (x) FPN II, L.P. ("FPN II Fund"). (xi) FPN General Partner LLC ("FPN GP"). (xii) Flagship VentureLabs VI, LLC ("VentureLabs VI" and together with Flagship Fund VI, PM02, Flagship Fund VII, Nutritional LTP, Flagship Opportunities Fund II and FPN II Fund, the "Flagship Funds"). (xiii) Flagship VentureLabs VI Manager LLC ("VentureLabs VI Manager" and together with Flagship Fund VI GP, Flagship Fund VII GP, Nutritional LTP GP, Flagship Opportunities Fund II GP and FPN GP, the "Flagship GPs"). (xiv) Flagship Pioneering, LLC ("Flagship Pioneering"). (xv) Noubar B. Afeyan, Ph.D. ("Dr. Afeyan").

Address or principal business office or, if none, residence:

(b)

The address of the principal business office of each of the Reporting Persons is: c/o Flagship Pioneering 55 Cambridge Parkway, Suite 800E Cambridge, Massachusetts 02142

Citizenship:

(c)

(i) Flagship Fund VI: Delaware (ii) Flagship Fund VI GP: Delaware (iii) PM02: Delaware (iv) Flagship Fund VII: Delaware (v) Flagship Fund VII GP: Delaware (vi) Nutritional LTP: Delaware (vii) Nutritional LTP GP: Delaware (viii) Flagship Opportunities Fund II: Delaware (ix) Flagship Opportunities Fund II GP: Delaware (x) FPN II Fund: Ontario, Canada (xi) FPN GP: Delaware (xii) VentureLabs VI: Delaware (xiii) VentureLabs VI Manager: Delaware (xiv) Flagship Pioneering: Delaware (xv) Dr. Afeyan: United States

Title of class of securities:

(d)

Common Stock, \$0.001 par value per share

(e)

CUSIP No.:

Item 3.

If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a)

Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b)

Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c)

Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d)

Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e)

An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

- (f)  An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (j)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

The information required by this item with respect to each Reporting Person is set forth in Rows 5 through 9 and 11 of the cover page to this Schedule 13G. The ownership percentages reported are based on 128,192,484 shares of Common Stock outstanding as of March 31, 2026, as reported by the Issuer in its Quarterly Report on Form 10-Q filed on May 7, 2026. Flagship Fund VI GP is the general partner of Flagship Fund VI and may be deemed to beneficially own the shares held directly by Flagship Fund VI. Flagship Fund VII is the majority equity holder of PM02 and may be deemed to beneficially own the shares held directly by PM02. Charles R. Carelli, Jr., Chief Financial Officer of Flagship Pioneering, is the sole manager of PM02. Flagship Fund VII GP is the general partner of Flagship Fund VII and may be deemed to beneficially own the shares held directly by each of PM02 and Flagship Fund VII. Nutritional LTP GP is the general partner of Nutritional LTP and may be deemed to beneficially own the shares held directly Nutritional LTP. Flagship Opportunities Fund II GP is the general partner of Flagship Opportunities Fund II and may be deemed to beneficially own the shares held directly by Flagship Opportunities Fund II. FPN GP is the general partner of FPN II Fund and may be deemed to beneficially own the shares held directly by FPN II Fund. VentureLabs VI Manager is the manager of VentureLabs VI and may be deemed to beneficially own the shares held directly by VentureLabs VI. Flagship Pioneering, as the manager of each of the Flagship GPs, and Dr. Afeyan, as the ultimate control person of Flagship Pioneering, may each be deemed to beneficially own the shares held directly by the Flagship Funds.

(a)

Percent of class:

(b)

See Item 4(a). %

(c)

Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

See Row 5 of cover page for each Reporting Person.

(ii) Shared power to vote or to direct the vote:

See Row 6 of cover page for each Reporting Person.

(iii) Sole power to dispose or to direct the disposition of:

See Row 7 of cover page for each Reporting Person.

(iv) Shared power to dispose or to direct the disposition of:

See Row 8 of cover page for each Reporting Person.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Flagship Pioneering Fund VI, L.P.

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager of General  
Partner  
Date: 05/15/2026

Flagship Pioneering Fund VI General Partner LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager  
Date: 05/15/2026

Pioneering Medicines 02, LLC

Signature: /s/ Charles R. Carelli, Jr.  
Name/Title: Charles R. Carelli, Jr., Manager  
Date: 05/15/2026

Flagship Pioneering Fund VII, L.P.

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Title: Sole Member and  
Name/Title: Manager of Manager of Manager of General  
Partner  
Date: 05/15/2026

Flagship Pioneering Fund VII General Partner LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Title: Sole Member and  
Name/Title: Manager of Manager of Manager  
Date: 05/15/2026

Nutritional Health LTP Fund, L.P.

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager of General  
Partner  
Date: 05/15/2026

Nutritional Health LTP Fund General Partner LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager  
Date: 05/15/2026

Flagship Pioneering Special Opportunities Fund II, L.P.

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager of General  
Partner  
Date: 05/15/2026

Flagship Pioneering Special Opportunities Fund II General  
Partner LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.

FPN II, L.P.

Name/Title: Noubar B. Afeyan Ph.D., Sole Member and  
Manager of Manager of Manager  
Date: 05/15/2026

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager of General  
Partner  
Date: 05/15/2026

FPN General Partner LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager  
Date: 05/15/2026

Flagship VentureLabs VI, LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager of Manager  
Date: 05/15/2026

Flagship VentureLabs VI Manager LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager of Manager  
Date: 05/15/2026

Flagship Pioneering, LLC

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Noubar B. Afeyan, Ph.D., Sole Member and  
Name/Title: Manager of Manager  
Date: 05/15/2026

Afeyan Noubar

Signature: /s/ Noubar B. Afeyan, Ph.D.  
Name/Title: Noubar B. Afeyan, Ph.D.  
Date: 05/15/2026