SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Braveheart Bio, Inc.

(Name of Issuer)

Common Stock, par value $0.0001 per share

(Title of Class of Securities)

(CUSIP Number)

08/07/2026

(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.

1	Names of Reporting Persons Frazier Life Sciences Public Fund, L.P.	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☑ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially	5	Sole Voting Power 0.00

Owned by Each Reporting Person With:	6	Shared Voting Power 4,976,457.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 4,976,457.00

9	Aggregate Amount Beneficially Owned by Each Reporting Person 4,976,457.00
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) 5.5 %
12	Type of Reporting Person (See Instructions) PN

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLSP, L.P.
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 4,976,457.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 4,976,457.00

9	Aggregate Amount Beneficially Owned by Each Reporting Person 4,976,457.00
10	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) 5.5 %
12	Type of Reporting Person (See Instructions) PN

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLSP, L.L.C.		
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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	
	6	Shared Voting Power 4,976,457.00	
	7	Sole Dispositive Power 0.00	
	8	Shared Dispositive Power 4,976,457.00	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 4,976,457.00		
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) 5.5 %		
12	Type of Reporting Person (See Instructions) OO		

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Frazier Life Sciences XI, L.P.	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 20,361.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 20,361.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 20,361.00	
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) 0.0 %	
12	Type of Reporting Person (See Instructions) PN	

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLS XI, L.P.	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 20,361.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 20,361.00

9	Aggregate Amount Beneficially Owned by Each Reporting Person 20,361.00
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) 0.0 %
12	Type of Reporting Person (See Instructions) PN

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLS XI, L.L.C.
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 20,361.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 20,361.00

9	Aggregate Amount Beneficially Owned by Each Reporting Person

	20,361.00
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) 0.0 %
12	Type of Reporting Person (See Instructions) OO

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Frazier Life Sciences XII, L.P.		
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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	
	6	Shared Voting Power 110,554.00	
	7	Sole Dispositive Power 0.00	
	8	Shared Dispositive Power 110,554.00	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 110,554.00		
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) 0.1 %		
12	Type of Reporting Person (See Instructions) PN		

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLS XII, L.P.	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 110,554.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 110,554.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 110,554.00	
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) 0.1 %	
12	Type of Reporting Person (See Instructions) PN	

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons FHMLS XII, L.L.C.
2	Check the appropriate box if a member of a Group (see instructions) ☐ (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
	6	Shared Voting Power 110,554.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 110,554.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 110,554.00	
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) 0.1 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: The percentage listed in row 11 is calculated based on 90,038,969 shares of Common Stock that were anticipated to be outstanding following the Issuer's initial public offering as set forth in the Issuer's final prospectus filed with the SEC pursuant to Rule 424(b)(4) on August 6, 2026.

SCHEDULE 13G

Item 1.

(a)	Name of issuer: Braveheart Bio, Inc.
(b)	Address of issuer's principal executive offices: One Letterman Drive, Building A, Suite A4-300, San Francisco, CA, 94129.

Item 2.

(a)	Name of person filing: The entities and persons filing this statement (collectively, the "Reporting Persons") are: Frazier Life Sciences Public Fund, L.P. ("FLSPF") FHMLSP, L.P. FHMLSP, L.L.C. Frazier Life Sciences XI, L.P. ("FLS XI") FHMLS XI, L.P. FHMLS XI, L.L.C. Frazier Life Sciences XII, L.P. ("FLS XII") FHMLS XII, L.P. FHMLS XII, L.L.C.
(b)	Address or principal business office or, if none, residence: The address of the principal place of business for each of the Reporting Persons is: c/o Frazier Life Sciences Management, L.P. 1001 Page Mill Rd, Building 4, Suite 200B Palo Alto, CA 94304
(c)	Citizenship: The information contained in row 4 of each Reporting Person's cover page to this Schedule 13G is incorporated by reference.
(d)	Title of class of securities: Common Stock, par value $0.0001 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);

(j) ☐ 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:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

The information contained in row 9 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference. FLSPF directly holds 4,976,457 shares of Common Stock. FHMLSP, L.P. is the general partner of FLSPF and the general partner of FHMLSP, L.P. is FHMLSP, L.L.C., which is managed by an investment committee of four that acts by majority vote. Accordingly, no members of such committee are attributed beneficial ownership of the securities directly held by FLSPF. FLS XI directly holds 20,361 shares of Common Stock. FHMLS XI, L.P. is the general partner of FLS XI and the general partner of FHMLS XI, L.P. is FHMLS XI, L.L.C., which is managed by an investment committee of three that acts by majority vote. Accordingly, no members of such committee are attributed beneficial ownership of the securities directly held by FLS XI. FLS XII directly holds 110,554 shares of Common Stock. FHMLS XII, L.P. is the general partner of FLS XII and the general partner of FHMLS XII, L.P. is FHMLS XII, L.L.C., which is managed by an investment committee of three that acts by majority vote. Accordingly, no members of such committee are attributed beneficial ownership of the securities directly held by FLS XII. Except as specifically stated herein, the filing of this Schedule 13G shall not be construed as an admission that any Reporting Person is, for the purposes of Section 13(d) and/or Section 13(g) of the Act or otherwise, the beneficial owner of any securities covered by this Schedule 13G or a member of a "group" with any other person.

(b) Percent of class:

The information contained in row 11 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference. %

(c) Number of shares as to which the person has:

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

The information contained in row 5 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference.

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

The information contained in row 6 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference.

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

The information contained in row 7 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference.

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

The information contained in row 8 of each Reporting Person's cover page to this Schedule 13G (including the footnotes thereto) is incorporated by reference.

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:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

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.

Frazier Life Sciences Public Fund, L.P.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLSP, L.L.C., GP of FHMLSP, L.P., GP of Frazier Life Sciences Public Fund, L.P.
Date:	08/14/2026

FHMLSP, L.P.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLSP, L.L.C., GP of FHMLSP, L.P.
Date:	08/14/2026

FHMLSP, L.L.C.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLSP, L.L.C.
Date:	08/14/2026

Frazier Life Sciences XI, L.P.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLS XI, L.L.C., GP of FHMLS XI, L.P., GP of Frazier Life Sciences XI, L.P.
Date:	08/14/2026

FHMLS XI, L.P.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLS XI, L.L.C., GP of FHMLS XI, L.P.
Date:	08/14/2026

FHMLS XI, L.L.C.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLS XI, L.L.C.
Date:	08/14/2026

Frazier Life Sciences XII, L.P.

Signature:	/s/ Jennifer Martin
Name/Title:	By Jennifer Martin, CFO of FHMLS XII, L.L.C., GP of FHMLS XII, L.P., GP of Frazier Life

		Sciences XII, L.P.
	Date:	08/14/2026
FHMLS XII, L.P.		
	Signature:	/s/ Jennifer Martin
	Name/Title:	By Jennifer Martin, CFO of FHMLS XII, L.L.C., GP of FHMLS XII, L.P.
	Date:	08/14/2026
FHMLS XII, L.L.C.		
	Signature:	/s/ Jennifer Martin
	Name/Title:	By Jennifer Martin, CFO of FHMLS XII, L.L.C.
	Date:	08/14/2026

Exhibit Information

Exhibit 99.1 Joint Filing Agreement

EXHIBIT 99.1

JOINT FILING AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed with respect to the ownership by each of the undersigned of Common Stock of Braveheart Bio, Inc.

Date: August 14, 2026

FRAZIER LIFE SCIENCES PUBLIC FUND, L.P.
By: FHMLSP, L.P., its General Partner
By: FHMLSP, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLSP, L.P.
By: FHMLSP, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLSP, L.L.C.

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FRAZIER LIFE SCIENCES XI, L.P.
By: FHMLS XI, L.P., its General Partner
By: FHMLS XI, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLS XI, L.P.
By: FHMLS XI, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLS XI, L.L.C.

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FRAZIER LIFE SCIENCES XII, L.P.
By: FHMLS XII, L.P., its General Partner
By: FHMLS XII, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLS XII, L.P.
By: FHMLS XII, L.L.C., its General Partner

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer

Date: August 14, 2026

FHMLS XII, L.L.C.

By: /s/ Jennifer Martin
Jennifer Martin, Chief Financial Officer