

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

**SCHEDULE 13G**

**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**Cabaletta Bio, Inc.**

(Name of Issuer)

**Common Stock, par value \$0.00001 per share**

(Title of Class of Securities)

**12674W109**

(CUSIP Number)

**06/30/2025**

(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.** 12674W109

1	<b>Names of Reporting Persons</b> Cormorant Asset Management, LP
2	<b>Check the appropriate box if a member of a Group (see instructions)</b> <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)
3	<b>Sec Use Only</b>
4	<b>Citizenship or Place of Organization</b> DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 5,000,000.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 5,000,000.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,000,000.00	
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) 5.47 %	
12	Type of Reporting Person (See Instructions) IA, PN	

### SCHEDULE 13G

CUSIP No.	12674W109
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1	Names of Reporting Persons Bihua Chen	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization UNITED STATES	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 5,000,000.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 5,000,000.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,000,000.00	
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) 5.47 %
12	Type of Reporting Person (See Instructions) HC, IN

## SCHEDULE 13G

**Item 1.**

**(a) Name of issuer:**

Cabaletta Bio, Inc.

**(b) Address of issuer's principal executive offices:**

2929 Arch Street, Suite 600, Philadelphia, PA 19104

**Item 2.**

**(a) Name of person filing:**

Cormorant Asset Management, LP  
Bihua Chen

This statement is filed by (i) Cormorant Asset Management, LP, a Delaware limited partnership, and the investment adviser to certain funds (the "Cormorant Funds"), with respect to the shares directly held by the Cormorant Funds and (ii) Bihua Chen with respect to the shares directly held by the Cormorant Funds. The foregoing persons are hereinafter sometimes collectively referred to as the "Reporting Persons." The filing of this statement should not be construed as an admission that any of the foregoing persons or any Reporting Person is, for the purposes of Section 13 of the Act, the beneficial owner of the shares reported herein.

**(b) Address or principal business office or, if none, residence:**

200 Clarendon Street, 52nd Floor  
Boston, MA 02116

**(c) Citizenship:**

Cormorant Asset Management, LP - Delaware  
Bihua Chen - United States

**(d) Title of class of securities:**

Common Stock, par value \$0.00001 per share

**(e) CUSIP No.:**

12674W109

**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:**

5,000,000

**(b) Percent of class:**

5.47% %

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

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

0

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

5,000,000

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

0

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

5,000,000

The percentages reported herein with respect to the Reporting Persons' holdings are calculated based upon a statement in the Issuer's Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2025 as filed with the Securities and Exchange Commission on August 7, 2025, that there were 91,465,233 shares of Common Stock of the Issuer outstanding as of August 1, 2025.

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

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

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than 5 percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

See Item 2. The Cormorant Funds have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the shares reported herein. Cormorant Global Healthcare Master Fund, LP, a Cormorant Fund, has the right to receive or the power to direct the receipt of dividends or the proceeds from the sale of more than 5% of the shares.

**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 acquired and are held in the ordinary course of business and 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.

Cormorant Asset Management, LP

**Signature:** /s/ Bihua Chen

**Name/Title:** Bihua Chen, Managing Member

**Date:** 08/14/2025

Bihua Chen

**Signature:** /s/ Bihua Chen

**Name/Title:** Bihua Chen

**Date:** 08/14/2025

**Exhibit Information**

**JOINT FILING STATEMENT**

**PURSUANT TO RULE 13d-1(k)**

The undersigned acknowledge and agree that the foregoing statement on SCHEDULE 13G, is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on SCHEDULE 13G, shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning her or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that she or it knows or has reason to believe that such information is inaccurate.

Dated: August 14, 2025

Cormorant Asset Management, LP  
By: Cormorant Asset Management GP, LLC  
its General Partner

By: /s/ Bihua Chen  
Bihua Chen, Managing Member

Bihua Chen  
By: /s/ Bihua Chen  
Bihua Chen