

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

FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): April 8, 2025

**Xenetic Biosciences, Inc.**

(Exact name of registrant as specified in charter)

**Nevada**  
(State or other jurisdiction  
of incorporation)

**001-37937**  
(Commission  
File Number)

**45-2952962**  
(IRS Employer  
Identification No.)

**945 Concord Street**  
**Framingham, Massachusetts**  
(Address of principal executive offices)

**01701**  
(Zip Code)

**(781) 778-7720**  
(Registrant's telephone number, including area code)

**Not Applicable**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.001 par value per share	XBIO	The Nasdaq Stock Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

**Item 4.01. Changes in Registrant's Certifying Accountant.**

(a) Resignation of Independent Registered Public Accounting Firm

On November 1, 2024, CBIZ CPAs P.C. ("CBIZ") acquired the attest business of Marcum LLP ("Marcum"). On April 8, 2025, Xenetic Biosciences, Inc. (the "Company") was notified by Marcum that Marcum resigned as the Company's independent registered public accounting firm as a result of such acquisition, and the Company's Audit Committee approved the resignation.

The audit report of Marcum on the Company's consolidated financial statements as of and for the fiscal years ended December 31, 2024 and 2023 did not contain an adverse opinion or a disclaimer of opinion, and was not qualified or modified as to uncertainty, audit scope, or accounting principles.

During the fiscal years ended December 31, 2024 and 2023 and through April 8, 2025, there were no (1) "disagreements" (as defined in Item 304(a)(1)(iv) of Regulation S-K and the related instructions) between the Company and Marcum on any matter of accounting principles or practices, financial statement disclosure or auditing scope or procedure, which disagreements, if not resolved to the satisfaction of Marcum, would have caused Marcum to make reference to the subject matter of the disagreement in their reports on the financial statements for such years, or (2) "reportable events" (as described in Item 304(a)(1)(v) of Regulation S-K).

The Company has provided Marcum with a copy of the foregoing disclosures it is making in this Current Report on Form 8-K prior to its filing and requested, in accordance with applicable practices, that Marcum furnish a letter addressed to the Securities and Exchange Commission stating whether or not it agrees with the statements made herein. Attached as Exhibit 16.1 is a copy of Marcum's letter, dated April 8, 2025, stating that it agrees with such statements.

(b) Engagement of New Independent Registered Public Accounting Firm

On April 9, 2025, with the approval of the Company's Audit Committee, CBIZ was engaged as the Company's new independent registered public accounting firm for the fiscal year ending December 31, 2025.

During the fiscal years ended December 31, 2024 and 2023 and through April 9, 2025, neither the Company nor anyone on its behalf consulted with CBIZ regarding (1) the application of accounting principles to a specified transaction, completed or proposed, or the type of audit opinion that might be rendered on the Company's financial statements, and neither a written report nor oral advice was provided to the Company that CBIZ concluded was an important factor considered by the Company in reaching a decision as to any accounting, auditing or financial reporting issue, or (2) any matter that was either the subject of a disagreement (as defined in Item 304(a)(1)(iv) of Regulation S-K and the related instructions) or a reportable event (as described in Item 304(a)(1)(v) of Regulation S-K).

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
16.1	<a href="#">Letter from Marcum LLP dated April 8, 2025</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**XENETIC BIOSCIENCES, INC.**

Date: April 10, 2025

By: /s/ James Parslow

Name: James Parslow

Title: Interim Chief Executive Officer & Chief Financial Officer



April 8, 2025

Securities and Exchange Commission  
100 F Street, N.E.  
Washington, DC 20549

Commissioners:

We have read the statements made by Xenetic Biosciences, Inc. under Item 4.01 of its Form 8-K. We agree with the statements concerning our Firm in such Form 8-K; we are not in a position to agree or disagree with other statements of Xenetic Biosciences, Inc. contained therein.

Very truly yours,

/s/ Marcum LLP

Marcum LLP