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): October 20, 2022 (October 15, 2022)

ENZO BIOCHEM, INC. (Exact Name of Registrant as Specified in its Charter) 001-09974 New York 13-2866202 (IRS Employer (State or Other Jurisdiction (Commission File Number) of Incorporation) Identification Number) 81 Executive Blvd. Suite 3 11735 Farmingdale, NY (Address of Principal Executive Office) (Zip Code) Registrant's telephone number, including area code: (212) 583-0100 N/A (Former Name or Former Address, if Changed Since Last Report) Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions: 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)) Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company \square 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. Securities registered pursuant to Section 12(b) of the Act:

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

Title of Each Class

Common Stock, \$0.01 par value

On October 15, 2022, Enzo Biochem, Inc. (the "Company") received written notice from David Bench that he was tendering his resignation as Chief Financial Officer, Senior Vice President, Treasurer and Corporate Secretary of the Company, effective November 14, 2022. His decision to resign was not due to any disagreement with the Company on any matter relating to the Company's operations, policies or practices (financial or otherwise). The Company has accepted Mr. Bench's resignation, effective as of November 14, 2022.

Trading Symbol(s)

ENZ

Name of each exchange on which registered

The New York Stock Exchange

On October 19, 2022, the Company's board of directors appointed Patricia Eckert, CPA as the interim Chief Financial Officer of the Company, effective following the resignation of David Bench on November 15, 2022.

Prior to her nearly five years in various finance roles with Enzo, Ms. Eckert served as Accounting Director at Pall Corporation, where she advanced through multiple accounting and finance roles, ultimately managing a broad team and directly leading all aspects of implementation of the ASC 606 Revenue Recognition standard, overseeing matters relating to SOX compliance and driving multiple operational and finance cost savings initiatives. Prior to her tenure at Pall Corporation, Ms. Eckert served as senior Accountant at a midsize accounting firm based in New York. Ms. Eckert graduated cum laude with a BBA in Accounting and an MBA in Finance, both from Hofstra University in Hempstead, NY.

Ms. Eckert has no family relationships with any of the Company's directors or executive officers, and is not a party to, and does not have any direct or indirect material interest in, any transaction requiring disclosure under Item 404(a) of Regulation S-K.

A copy of the press release announcing the resignation of David Bench and the interim appointment of Ms. Eckert is attached hereto as Exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

Exhibit	Exhibit Name
99.1	Press Release of Enzo Biochem, Inc., dated October 20, 2022.
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.

Enzo Biochem, Inc.

Date: October 20, 2022 By: /s/ Hamid Erfanian_

Name: Hamid Erfanian
Title: Chief Executive Officer

Enzo Biochem, Inc. Appoints Patricia Eckert, CPA as Interim CFO

- David Bench resigning to pursue a new career opportunity -

NEW YORK, NY, October 20, 2022 – Enzo Biochem, Inc. (NYSE: ENZ) ("Enzo" or the "Company"), a leading biosciences and diagnostics company, today announced the appointment of Patricia Eckert, CPA, as interim Chief Financial Officer (CFO). Ms. Eckert's appointment follows the resignation of David Bench, who is departing the Company effective November 14, 2022 to pursue a new opportunity.

"While bittersweet in light of David's departure, we are exceedingly pleased to have Patricia in position to advance into the position of interim CFO," remarked Hamid Erfanian, CEO of Enzo. "Patricia is exceptionally qualified given her years of experience and comprehensive knowledge of Enzo's operations and finances, having previously served as Vice President and Senior Director of Finance, where she led several functions including financial planning and analysis, capital budgeting, and operational support as well as a range of cost efficiency and pricing initiatives. Patricia is well positioned to help us build new levels of momentum in our 'focused return' strategy of investment in areas where we will recognize the best returns. We are grateful for all of David's contributions to the success we have achieved in recent years and thank him for his substantial contributions and committed service."

Prior to her nearly five years in various finance roles with Enzo, Ms. Eckert served as accounting director at Pall Corporation, where she advanced through multiple accounting and finance roles, ultimately managing a broad team and directly leading all aspects of implementation of the ASC 606 Revenue Recognition standard, overseeing matters relating to SOX compliance and driving multiple operational and finance cost savings initiatives. Prior to her tenure at Pall Corporation, Ms. Eckert served as senior accountant at a midsize accounting firm based in New York. She graduated cum laude with a BBA in accounting and an MBA in finance, both from Hofstra University in Hempstead, NY.

"I am very excited about this opportunity and appreciate the demonstration of support by Enzo's executive management team and board of directors," said Patricia Eckert, interim CFO. "I am looking forward to expanding my role in helping to lead the Company through its next phases of growth and coordinating and managing our outreach to the investor community."

About Enzo Biochem

Enzo Biochem is a pioneer in molecular diagnostics, leading the convergence of clinical laboratories, life sciences and intellectual property through the development of unique diagnostic platform technologies that provide numerous advantages over previous standards. A global company, Enzo Biochem utilizes cross-functional teams to develop and deploy products, systems and services that meet the ever-changing and rapidly growing needs of health care today and into the future. Underpinning Enzo Biochem's products and technologies is a broad and deep intellectual property portfolio, with patent coverage across a number of key enabling technologies.

For more information, please visit www.Enzo.com or follow Enzo Biochem on Twitter and LinkedIn.

Forward-Looking Statements

Except for historical information, the matters discussed in this release may be considered "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include declarations regarding the intent, belief or current expectations of the Company and its management, including those related to cash flow, gross margins, revenues, and expenses which are dependent on a number of factors outside of the control of the Company including, inter alia, the markets for the Company's products and services, costs of goods and services, other expenses, government regulations, litigation, and general business conditions. See Risk Factors in the Company's Form 10-K for the fiscal year ended July 31, 2022. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties that could materially affect actual results. The Company disclaims any obligations to update any forward-looking statement as a result of developments occurring after the date of this release.

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Enzo Biochem Contacts

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