

**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

October 12, 2022

Date of Report (Date of earliest event reported)

BIOAFFINITY TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-41463
(Commission
File Number)

46-5211056
(I.R.S. Employer
Identification Number)

**22211 W Interstate 10
Suite 1206
San Antonio, Texas 78257
(210) 698-5334**

(Address of principal executive offices and Registrant's telephone number, including area code)

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 (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))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$.007 per share	BIAF	The Nasdaq Stock Market LLC
Tradeable Warrants to purchase Common Stock	BIAFW	The Nasdaq Stock Market LLC

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 8.01. Other Events.

Recent Press Release

On October 12, 2022, the Company issued a press releases announcing that it will present results of its research into the use of flow cytometry at the upcoming American College of Chest Physicians 2022 conference on Oct. 16-19, 2022. The press release is filed as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	<u>Press Release of bioAffinity Technologies, Inc., dated October 12, 2022.</u>

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.

BIOAFFINITY TECHNOLOGIES, INC.

By: /s/ Maria Zannes

Maria Zannes

President and Chief Executive Officer

Dated: October 12, 2022



News Release

For Immediate Release

bioAffinity Technologies Presents Results from Flow Cytometry Analysis of the Lung at CHEST Conference***Powerful platform reveals the lung environment for diagnosing lung diseases***

SAN ANTONIO, TX – Oct. 12, 2022 – bioAffinity Technologies, Inc., (NASDAQ: BIAF; BIAFW) will present results of its research into the use of flow cytometry for analyzing the lung environment to detect diseases of the lung at the American College of Chest Physicians (CHEST) 2022 conference Oct. 16-19, 2022.

The presentation, *Sputum Analysis By Flow Cytometry To Assess Lung Health*, will be part of the Lung Cancer Assessment and Risk Calculations session on Oct. 19 beginning at 11:15 a.m. (ET). bioAffinity Research Scientist Lydia Bederka, PhD, will present data showing how flow cytometry can identify reproducible cell populations from whole sputum samples that can be used in the development of diagnostics for COPD and asthma, and has been used to develop bioAffinity's initial product, CyPath[®] Lung, that detects early-stage lung cancer.

CyPath[®] Lung is a non-invasive test that has shown 92% sensitivity and 87% specificity in detecting early-stage lung cancer in individuals at high risk for the disease who have lung nodules less than 20mm. The test is marketed by Precision Pathology Services in San Antonio, Texas.

"Flow cytometry can provide the foundation for impactful lung diagnostic tests," said bioAffinity's Chief Science and Medical Officer Vivienne Rebel, MD, PhD. "With recent improvements in antibody panels, fluorochromes and methods of detecting fluorescent signals, flow cytometry allows for rapid analysis of large numbers of sputum-derived cells. Automation of flow analysis, which we have achieved with our test for lung cancer, alleviates the potential bias problem. A flow cytometry platform can therefore provide insights into lung health, similar to the way flow cytometry gives insights into hematopoietic health and diseases by analyzing blood and bone marrow."

About bioAffinity Technologies, Inc.

bioAffinity Technologies, Inc. (NASDAQ: BIAF; BIAFW) addresses the need for noninvasive diagnosis of early-stage cancer and diseases of the lung, and targeted cancer treatment. The Company's first product, CyPath[®] Lung, is a non-invasive test that has shown high sensitivity and specificity for the detection of early-stage lung cancer. CyPath[®] Lung is marketed as a Laboratory Developed Test (LDT) by Precision Pathology Services. OncoSelect[®] Therapeutics, LLC, a subsidiary of bioAffinity Technologies, is advancing its discoveries shown *in vitro* to kill cancer cells without harm to normal cells. Research and optimization of the Company's platform technologies are conducted in its laboratories at The University of Texas at San Antonio.

Forward-Looking Statements

This press release contains forward-looking statements, including statements regarding the anticipated use of proceeds from the Company's offering of common shares. Forward-looking statements can be identified by words such as "believes," "expects," "estimates," "intends," "may," "plans," "will" and similar expressions, or the negative of these words. Such forward-looking statements are based on facts and conditions as they exist at the time such statements are made and predictions as to future facts and conditions. Readers of this press release are cautioned not to place undue reliance on any forward-looking statements. The Company does not undertake any obligation to update any forward-looking statement relating to matters discussed in this press release, except as may be required by applicable securities laws.

Contacts:**Company Contact:**

Maria Zannes, President & Chief Executive Officer
mz@bioaffinitytech.com

Investor Relations Contact:

Tiberend Strategic Advisors, Inc.
Jonathan Nugent
jnugent@tiberend.com
or
David Irish
dirish@tiberend.com
