

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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) September 25, 2023

YIELD10 BIOSCIENCE, INC.

(Exact name of registrant as specified in its charter)

Delaware **001-33133** **04-3158289**
(State or other jurisdiction of incorporation) (Commission File Number) (IRS Employer Identification No.)

19 Presidential Way, Woburn, Massachusetts **01801**
(Address of principal executive offices) (Zip Code)

Registrant's Telephone Number, Including Area Code: **(617) 583-1700**
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))

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

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common stock, par value \$0.01 per share	YTEN	The Nasdaq Capital Market

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

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 3.01 Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing

On September 25, 2023, Yield10 Bioscience, Inc. (the “Company”) received a letter from the staff (the “Staff”) of The Nasdaq Stock Market LLC (“Nasdaq”) providing notification that, for the previous 30 consecutive business days, the bid price for the Company’s common stock had closed below the minimum \$1.00 per share requirement for continued listing on The Nasdaq Capital Market under Nasdaq Listing Rule 5550(a)(2). In accordance with Nasdaq Listing Rule 5810(c)(3)(A), the Company has been provided an initial period of 180 calendar days, or until March 25, 2024, to regain compliance. To regain compliance, the closing bid price of the Company’s common stock must be \$1.00 per share or more for a minimum of 10 consecutive business days at any time before March 25, 2024. This notice has no immediate effect on the listing of the Company’s common stock, which continues to trade on The Nasdaq Capital Market under symbol “YTEN”. If the Company regains compliance, Nasdaq will provide the Company with written confirmation and will close the matter.

If the Company does not regain compliance with Rule 5550(a)(2) by March 25, 2024, the Company may be eligible for an additional 180 calendar day compliance period. To qualify, the Company would be required to meet the continued listing requirement for market value of publicly held shares and all other initial listing standards for The Nasdaq Capital Market, with the exception of the bid price requirement, and would need to provide written notice of its intention to cure the deficiency during the second compliance period, by effecting a reverse stock split, if necessary. However, if it appears to the Staff that the Company will not be able to cure the deficiency, or if the Company is otherwise not eligible, Nasdaq would notify the Company that its securities would be subject to delisting. In the event of such a notification, the Company may appeal the Staff’s determination to delist its securities, but there can be no assurance the Staff would grant the Company’s request for continued listing.

The Company intends to monitor the bid price of its common stock and its minimum market value of listed securities and will consider options available to it to achieve compliance.

Except for the factual statements made herein, information contained in this report consists of forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that involve risks, uncertainties and assumptions that are difficult to predict. Words such as “will,” “believes,” “intends,” “expects,” “plans,” and similar expressions, or the use of future tense, identify forward-looking statements, but their absence does not mean that a statement is not forward-looking. Such forward-looking statements are not guarantees of performance and actual actions or events could differ materially from those contained in such statements. For example, there can be no assurance that the Company will meet the bid price requirement during any compliance period or in the future, or otherwise meet Nasdaq compliance standards, or that Nasdaq will grant the Company any relief from delisting as necessary or that the Company can ultimately meet applicable Nasdaq requirements for any such relief. The forward-looking statements contained in this report speak only as of the date of this report and the Company undertakes no obligation to publicly update any forward-looking statements to reflect changes in information, events or circumstances after the date of this report, unless required by law.

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.

YIELD10 BIOSCIENCE, INC.

September 25, 2023

By: /s/ Oliver P. Peoples
Oliver P. Peoples
President & Chief Executive Officer