

**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) December 24, 2019

YIELD10 BIOSCIENCE, INC.

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE

(State or Other Jurisdiction of Incorporation)

001-33133

(Commission File Number)

04-3158289

(IRS Employer Identification No.)

19 Presidential Way, Woburn, Massachusetts

(Address of Principal Executive Offices)

01801

(Zip Code)

(617) 583-1700

(Registrant's Telephone Number, Including Area Code)

(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 (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:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Stock	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 December 24, 2019, Yield10 Bioscience, Inc. (the “Company”) received notice that The Nasdaq Stock Market LLC (“Nasdaq”) has granted the Company an additional 180 days (until June 22, 2020) to regain compliance with Nasdaq’s \$1.00 per share minimum bid price requirement under Nasdaq Marketplace Listing Rule 5810(c)(3)(A). Previously, on June 25, 2019, Nasdaq notified the Company that it did not meet the minimum bid price requirement required for continued listing on The Nasdaq Capital Market, and the Company was given until December 23, 2019 to achieve compliance.

The Company may achieve compliance during this additional 180-day period if the closing bid price of the Company’s common stock is at least \$1.00 per share for a minimum of 10 consecutive business days by June 22, 2020. If the Company fails to regain compliance on or prior to June 22, 2020, the Company’s stock will be subject to delisting by Nasdaq. The Company intends to regain compliance with this continued listing requirement by implementing a reverse stock split of its common stock, and has scheduled a special meeting of its stockholders for January 9, 2020 to vote on a proposal to approve a reverse stock split in a range of 1:20 - 1:50.

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.

Date: December 26, 2019

By: /s/ Oliver P. Peoples

Oliver P. Peoples
President and CEO