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 Act of 1934

Date of Report (Date of earliest event reported): January 19, 2021

TCR2 THERAPEUTICS INC.

(Exact name of registrant as specified in its charter)

Delaware(State or other jurisdiction of incorporation or organization)

Common Stock

001-38811 (Commission File Number) 47-4152751 (I.R.S. Employer Identification Number)

100 Binney Street, Suite 710 Cambridge, Massachusetts (Address of principal executive offices)

02142 (Zip Code)

Registrant's telephone number, including area code: (617) 949-5200 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) П 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)) П Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13d-4(c)) Securities registered pursuant to Section 12(b) of the Act: Trading Name of each exchange Title of each class Symbol(s) on which registered

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).

TCRR

Emerging growth company ⊠

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 2.02. Results of Operations and Financial Condition.

On January 19, 2021, TCR² Therapeutics Inc. (the "Company") announced that it estimates that its cash and cash equivalents and investments were approximately \$228.0 million as of December 31, 2020. These financial results are only preliminary estimates and are based on information available to management as of the date of this Current Report on Form 8-K and these estimates could change. The Company's actual financial results as of December 31, 2020 are subject to the completion of its financial statements as of and for such period. The Company's independent registered public accountants have not audited, reviewed or performed any procedures with respect to such preliminary estimates and accordingly, do not express an opinion or any other form of assurance with respect thereto. The Company's actual results for the year ended December 31, 2020 will be included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020 and may differ materially from the above estimate.

The information contained in Item 2.02 of this Current Report on Form 8-K is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 8.01 Other Events.

In connection with the proposed registered underwritten public offering, the Company suspended, and during the duration of the proposed public offering is not offering any shares of its common stock pursuant to, the prospectus filed with the Securities and Exchange Commission (the "SEC") on March 6, 2020 relating to the Open Market Sale AgreementSM, dated March 6, 2020 (the "Sales Agreement"), by and between the Company and Jefferies LLC. The Company will not make any sales of common stock pursuant to the Sales Agreement unless and until a new prospectus supplement is filed with the SEC; however, the Sales Agreement remains in full force and effect.

This Current Report on Form 8-K shall not constitute an offer to sell or the solicitation of an offer to buy any securities of the Company, which is being made only by means of a written prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended, nor shall there be any sale of the Company's securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of such jurisdiction.

This Current Report on Form 8-K contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Any statements about our expectations, beliefs, plans, objectives, assumptions or future events or performance are not historical facts and may be forward-looking. These statements are often, but are not always, made through the use of words or phrases such as "may," "will," "could," "should," "expects," "intends," "plans," "anticipates," "believes," "estimates," "predicts," "projects," "seeks," "endeavor," "potential," "continue," and similar expressions, or the negative of these terms, or similar expressions. These forward-looking statements include statements about the Company's anticipated public offering, the preliminary financial results as of December 31, 2020 and the Company's future expectations, plans and prospects. Accordingly, these statements involve estimates, assumptions, risks and uncertainties which could cause actual results to differ materially from those expressed in them, including the uncertainties related to market conditions and the completion of the public offering on the anticipated terms or at all. The Company's forward-looking statements also involve assumptions that, if they prove incorrect, would cause its results to differ materially from those expressed or implied by such forward-looking statements. These and other risks concerning the Company's business are described in additional detail in the Company's Annual Report on Form 10-K for the year ended December 31, 2019 and in the Company's other reports filed with the Securities and Exchange Commission. The Company is under no obligation to, and expressly disclaims any such obligation to, update or alter its forward-looking statements, whether as a result of new information, future events or otherwise.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit

No. Description

104 Inline XBRL cover page

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.

TCR2 THERAPEUTICS INC.

By: /s/ Mayur (Ian) Somaiya
Name: Mayur (Ian) Somaiya
Title: Chief Financial Officer

Date: January 19, 2021