
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**FORM S-8
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

TSCAN THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

82-5282075
(I.R.S. Employer
Identification No.)

**830 Winter Street
Waltham, Massachusetts**
(Address of Principal Executive Offices)

02451
(Zip Code)

TSCAN THERAPEUTICS, INC. AMENDED AND RESTATED 2021 EQUITY INCENTIVE PLAN
(Full title of the plan)

**Gavin MacBeath
Chief Executive Officer
TScan Therapeutics, Inc.
830 Winter Street
Waltham, Massachusetts 02451**
(Name and address of agent for service)

(857) 399-9500
(Telephone number, including area code, of agent for service)

Copies to:
**Mitchell S. Bloom, Esq.
William D. Collins, Esq.
Finnbarr Murphy, Esq.
Goodwin Procter LLP
100 Northern Avenue
Boston, Massachusetts 02210
(617) 570-1000**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer
Non-accelerated filer

Accelerated filer
Smaller reporting company
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 7(a)(2)(B) of the Securities Act.

EXPLANATORY NOTE

This Registration Statement on Form S-8 registers 2,000,000 additional shares of the Registrant's common stock, \$0.0001 par value per share ("Common Stock"), under the TScan Therapeutics, Inc. Amended and Restated 2021 Equity Incentive Plan (the "2021 Plan"). The additional shares are of the same class as other securities relating to the 2021 Plan for which the Registrant's registration statements filed on Form S-8 with the Securities and Exchange Commission on [July 16, 2021](#) (Registration No. 333-257941), [March 9, 2022](#) (Registration No. 333-263380), [March 8, 2023](#) (Registration No. 333-270343), [June 16, 2023](#) (Registration No. 333-272733) and [March 6, 2024](#) (Registration No. 333-277695) are effective. The information contained in the Registrant's registration statements on Form S-8 (Registration No. 333-257941, No. 333-263380, No. 333-270343, No. 333-272733 and No. 333-277695) is hereby incorporated by reference pursuant to General Instruction E, except with respect to Item 8. Exhibits thereof.

Part II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 8. Exhibits.

Exhibit No.	Description
4.1	<u>Amended and Restated Certificate of Incorporation of the Registrant (Incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-40603) filed with the Securities and Exchange Commission on July 20, 2021).</u>
4.2	<u>Amended and Restated By-laws of the Registrant (Incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K (File No. 001-40603) filed with the Securities and Exchange Commission on July 20, 2021).</u>
4.4	<u>Fourth Amended and Restated Investors' Rights Agreement by and among the Registrant and the other parties thereto, dated January 15, 2021 (Incorporated by reference to Exhibit 4.2 to the Registrant's Registration Statement on Form S-1 (File No. 333- 255491) filed with the Securities and Exchange Commission on April 23, 2021).</u>
5.1*	<u>Opinion of Goodwin Procter LLP.</u>
23.1*	<u>Consent of Deloitte & Touche LLP, independent registered public accounting firm.</u>
23.2*	<u>Consent of Goodwin Procter LLP (included in Exhibit 5.1).</u>
24.1*	<u>Power of Attorney (included on signature page).</u>
99.1	<u>TScan Therapeutics, Inc. Amended and Restated 2021 Equity Incentive Plan (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K (File No. 001-40603) filed with the Securities and Exchange Commission on June 14, 2024.</u>
107.1*	<u>Filing Fee Table.</u>

* Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Waltham, Commonwealth of Massachusetts, on June 14, 2024.

TScan Therapeutics, Inc.

By: /s/ Gavin MacBeath
Gavin MacBeath, Ph.D.
Chief Executive Officer
(Principal Executive Officer)

POWER OF ATTORNEY AND SIGNATURES

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Gavin MacBeath and Jason A. Amello, and each of them, as such person's true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution in each of them, for such person in such person's, place and stead, in any and all capacities, to sign for us and in our names in the capacities indicated below the Registration Statement on Form S-8 of TScan Therapeutics, Inc., and any or all amendments (including post-effective amendments), and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done in connection therewith and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or substitutes of any of them, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement on Form S-8 has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Gavin MacBeath</u> Gavin MacBeath	Chief Executive Officer and Director (Principal Executive Officer)	June 14, 2024
<u>/s/ Jason A. Amello</u> Jason A. Amello	Chief Financial Officer (Principal Accounting Officer and Principal Financial Officer)	June 14, 2024
<u>/s/ Stephen Biggar</u> Stephen Biggar, M.D., Ph.D.	Director	June 14, 2024
<u>/s/Barbara Klencke, M.D.</u> Barbara Klencke, M.D.	Director	June 14, 2024
<u>/s/ Garry Nicholson</u> Garry Nicholson	Director	June 14, 2024
<u>/s/ Gabriela Gruia</u> Gabriela Gruia, M.D.	Director	June 14, 2024
<u>/s/ Katina Dorton</u> Katina Dorton, J.D., M.B.A.	Director	June 14, 2024
<u>/s/ R. Keith Woods</u> R. Keith Woods	Director	June 14, 2024



Goodwin Procter LLP
100 Northern Avenue
Boston, MA 02210

goodwinlaw.com
+1 617 570 1000

June 14, 2024

TScan Therapeutics, Inc.
830 Winter Street
Waltham, Massachusetts 02451

Re: Securities Being Registered under Registration Statement on Form S-8

We have acted as counsel to you in connection with your filing of a Registration Statement on Form S-8 (the "Registration Statement") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), on or about the date hereof relating to an aggregate of 2,000,000 additional shares (the "Shares") of Common Stock, \$0.0001 par value per share ("Common Stock"), of TScan Therapeutics, Inc., a Delaware corporation (the "Company"), that may be issued pursuant to the TScan Therapeutics, Inc. Amended and Restated 2021 Equity Incentive Plan (the "2021 Plan").

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinion set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinion set forth below, on certificates of officers of the Company.

For purposes of the opinion set forth below, we have assumed that, at the time Shares are issued, the total number of then unissued Shares, when added to the number of shares of Common Stock issued, subscribed for, or otherwise committed to be issued, does not exceed the number of shares of Common Stock authorized by the Company's certificate of incorporation.

The opinion set forth below is limited to the Delaware General Corporation Law. Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, when delivered against payment therefor in accordance with the terms of the Plans, will be validly issued, fully paid and nonassessable.

This opinion letter and the opinion it contains shall be interpreted in accordance with the Core Opinion Principles as published in *74 Business Lawyer* 815 (Summer 2019).

We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the Registration Statement. In giving our consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/GOODWIN PROCTER LLP
GOODWIN PROCTER LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 6, 2024 relating to the financial statements of TScan Therapeutics, Inc., appearing in the Annual Report on Form 10-K of TScan Therapeutics, Inc. for the year ended December 31, 2023.

/s/ Deloitte & Touche LLP

Boston, Massachusetts
June 14, 2024

Calculation of Filing Fee Tables

Form S-8
(Form Type)

TScan Therapeutics, Inc.
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered Securities

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered(1)	Proposed Maximum Offering Price per Share	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Equity	Common Stock, \$0.0001 par value per share	457(h)	2,000,000 shares(2)	\$8.42(3)	\$16,840,000	\$0.0001476	\$2,485.59
Total Offering Amounts					\$16,840,000		\$2,485.59
Total Fee Offsets							\$0
Net Fee Due							\$2,485.59

- (1) Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement shall also cover any additional shares of common stock, \$0.0001 par value per share (the "Common Stock"), which become issuable under the TScan Therapeutics, Inc. Amended and Restated 2021 Equity Incentive Plan (the "2021 Plan") by reason of any stock dividend, stock split, recapitalization or any other similar transaction effected without the receipt of consideration which results in an increase in the number of the Registrant's outstanding shares of Common Stock.
- (2) Represents an increase of 2,000,000 shares of Common Stock to the number of shares available for issuance under the 2021 Plan, effective June 12, 2024. Shares available for issuance under the 2021 Plan were previously registered on registration statements on Form S-8 filed with the Securities and Exchange Commission on July 16, 2021 (Registration No. 333-257941), March 9, 2022 (Registration No. 333-263380), March 8, 2023 (Registration No. 333-270343), June 16, 2023 (Registration No. 333-272733) and March 6, 2024 (Registration No. 333-277695).
- (3) The price of \$8.42 per share, which is the average of the high and low sale prices of the Registrant's Common Stock on the Nasdaq Global Market on June 10, 2024, is set forth solely for the purpose of calculating the registration fee pursuant to Rules 457(c) and 457(h) of the Securities Act.