
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.)*

Taysha Gene Therapies, Inc.
(Name of Issuer)

Common Stock, \$0.00001 par value per share
(Title of Class of Securities)

877619106
(CUSIP Number)

August 16, 2023
(Date of Event Which Requires Filing of This Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1.	NAMES OF REPORTING PERSONS TCG Crossover GP I, LLC	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 11,111,111 (1)
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 11,111,111 (1)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,111,111 (1)	
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.9% (2)	
12.	TYPE OF REPORTING PERSON (see instructions) OO	

- (1) Consists of 11,111,111 shares of Common Stock (as defined in Item 2(d) below) of the Issuer (as defined in Item 1(a) below) held of record by TCG Crossover I (as defined in Item 2(a) below). TCG Crossover GP I (as defined in Item 2(a) below) is the general partner of TCG Crossover I and may be deemed to have voting, investment, and dispositive power with respect to these securities. Chen Yu is the sole managing member of TCG Crossover GP I and may be deemed to share voting, investment and dispositive power with respect to these securities.
- (2) Based on the sum of (i) 64,465,037 shares of Common Stock outstanding as of August 14, 2023, as reported by the Issuer in its Quarterly Report on Form 10-Q for the quarter ended June 30, 2023, filed with the Securities and Exchange Commission (the "Commission") on August 14, 2023 (the "Form 10-Q") and (ii) 122,412,376 shares of Common Stock issued in the private placement of equity securities by the Issuer that closed on August 16, 2023 (the "Private Placement").

1.	NAMES OF REPORTING PERSONS TCG Crossover Fund I, L.P.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 11,111,111 (1)
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 11,111,111 (1)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,111,111 (1)	
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.9% (2)	
12.	TYPE OF REPORTING PERSON (see instructions) PN	

- (1) Consists of 11,111,111 shares of Common Stock of the Issuer held of record by TCG Crossover I. TCG Crossover GP I is the general partner of TCG Crossover I and may be deemed to have voting, investment, and dispositive power with respect to these securities. Chen Yu is the sole managing member of TCG Crossover GP I and may be deemed to share voting, investment and dispositive power with respect to these securities.
- (2) Based on the sum of (i) 64,465,037 shares of Common Stock outstanding as reported by the Issuer in its Form 10-Q and (ii) 122,412,376 shares of Common Stock issued in the Private Placement.

1.	NAMES OF REPORTING PERSONS Chen Yu	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 11,111,111 (1)
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 11,111,111 (1)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,111,111 (1)	
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.9% (2)	
12.	TYPE OF REPORTING PERSON (see instructions) IN	

- (1) Consists of 11,111,111 shares of Common Stock of the Issuer held of record by TCG Crossover I. TCG Crossover GP I is the general partner of TCG Crossover I and may be deemed to have voting, investment, and dispositive power with respect to these securities. Chen Yu is the sole managing member of TCG Crossover GP I and may be deemed to share voting, investment and dispositive power with respect to these securities.
- (2) Based on the sum of (i) 64,465,037 shares of Common Stock outstanding as reported by the Issuer in its Form 10-Q and (ii) 122,412,376 shares of Common Stock issued in the Private Placement.

Item 1(a). Name of Issuer:

Taysha Gene Therapies, Inc. (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

3000 Pegasus Park Drive, Suite 1430
Dallas, TX 75247

Item 2(a). Name of Person Filing:

This joint statement on Schedule 13G is being filed by TCG Crossover Fund I, L.P. ("TCG Crossover I"), TCG Crossover GP I, LLC ("TCG Crossover GP I" and together with TCG Crossover I, the "Reporting Entities") and Chen Yu (the "Reporting Individual"). The Reporting Entities and the Reporting Individual are collectively referred to as the "Reporting Persons." The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G. The agreement among the Reporting Persons to file jointly in accordance with the provisions of Rule 13d-1(k)(1) under the Act is attached to this Statement as Exhibit 1. Other than those securities reported herein as being held directly by such Reporting Person, each Reporting Person disclaims beneficial ownership of all securities reported in this Statement except to the extent of such Reporting Person's pecuniary interest therein.

Item 2(b). Address of Principal Business Office, or if None, Residence:

The address of the principal business office of each Reporting Person is 705 High St., Palo Alto, CA 94301.

Item 2(c). Citizenship:

TCG Crossover GP I is a limited liability company organized under the laws of the State of Delaware. TCG Crossover I is a limited partnership organized under the laws of the State of Delaware. The Reporting Individual is a citizen of the United States of America.

Item 2(d). Title of Class of Securities:

Common Stock, \$0.00001 par value ("Common Stock").

Item 2(e). CUSIP Number:

877619106

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable.

Item 4. Ownership.

(a) Amount beneficially owned:

See Row 9 of the cover page for each Reporting Person and the corresponding footnotes.*

(b) Percent of class:

See Row 11 of the cover page for each Reporting Person and the corresponding footnotes.*

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

See Row 5 of the cover page for each Reporting Person and the corresponding footnotes.*

(ii) Shared power to vote or to direct the vote

See Row 6 of the cover page for each Reporting Person and the corresponding footnotes.*

(iii) Sole power to dispose or to direct the disposition of

See Row 7 of the cover page for each Reporting Person and the corresponding footnotes.*

(iv) Shared power to dispose or to direct the disposition of

See Row 8 of the cover page for each Reporting Person and the corresponding footnotes.*

* Except to the extent of his or its pecuniary interest therein, each Reporting Person disclaims beneficial ownership of such shares of Common Stock, except for the shares, if any, such Reporting Person holds of record.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Under certain circumstances set forth in the limited partnership agreements of TCG Crossover I and the limited liability company agreement of TCG Crossover GP I, the general and limited partners or members, as the case may be, of each of such entities may be deemed to have the right to receive dividends from, or the proceeds from, the sale of securities of the Issuer owned by each such entity of which they are a partner or member, as the case may be.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of the Group.

Not applicable.

Item 10. Certifications.

Not Applicable

Material to be Filed as Exhibits.

Exhibit 1 – Joint Filing Agreement.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: August 25, 2023

TCG Crossover Fund I, L.P.

By: TCG Crossover GP I, LLC
Its: General Partner

By: /s/ Chen Yu
Managing Member

TCG Crossover GP I, LLC

By: /s/ Chen Yu
Managing Member

Chen Yu

/s/ Chen Yu

JOINT FILING AGREEMENT

The undersigned hereby agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned, and any amendments thereto executed by the undersigned shall be filed on behalf of each of the undersigned without the necessity of filing any additional joint filing agreement. The undersigned acknowledge that each is responsible for the timely filing of such statement on Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning him, her or it contained therein, but shall not be responsible for the completeness or accuracy of the information concerning the others of the undersigned, except to the extent that it knows or has reason to believe that such information is inaccurate or incomplete. This Joint Filing Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

Dated: August 25, 2023

TCG Crossover Fund I, L.P.

By: TCG Crossover GP I, LLC
Its: General Partner

By: /s/ Chen Yu
Managing Member

TCG Crossover GP I, LLC

By: /s/ Chen Yu
Managing Member

Chen Yu

/s/ Chen Yu