
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Century Therapeutics, Inc.

(Name of Issuer)

Common Stock, par value \$0.0001 per share

(Title of Class of Securities)

15673T100

(CUSIP Number)

01/09/2026

(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)
-

SCHEDULE 13G

CUSIP No. 15673T100

Names of Reporting Persons

1

TCG Crossover GP II, LLC

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Number of Shares 5 Sole Voting Power

Beneficially Owned by Each Reporting Person With: 0.00
 Shared Voting Power
 6
 8,877,215.00
 Sole Dispositive Power
 7
 0.00
 Shared Dispositive Power
 8
 8,877,215.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9
 8,877,215.00
 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

 Percent of class represented by amount in row (9)

11
 4.9 %

Type of Reporting Person (See Instructions)

12
 OO

Comment for Type of Reporting Person: These securities are held of record by TCG Crossover II (as defined in Item 2(a) below). TCG Crossover GP II (as defined in Item 2(a) below) is the general partner of TCG Crossover II 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 II and may be deemed to share voting, investment and dispositive power with respect to these securities. This total excludes (i) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants and (ii) 8,695,652 shares of Common Stock subject to Common Stock Warrants (together with the Pre-Funded Warrants, the Warrants) which are not exercisable within 60 days of this Statement because the Warrants may not be exercised to the extent that doing so would result in the holder of the Warrants and (together with the holder's affiliates and any other persons acting as a group together with the holder or any of the holder's affiliates) beneficially owning more than 9.99 percent of the shares of Common Stock then outstanding immediately after giving effect to such exercise (the Beneficial Ownership Limitation). Based on 179,337,686 shares of Common Stock outstanding as of January 9, 2026, as provided to the Reporting Persons by the Issuer (as defined in Item 1(a) below).

SCHEDULE 13G

CUSIP No. 15673T100

Names of Reporting Persons

1
 TCG Crossover Fund II, L.P.
 Check the appropriate box if a member of a Group (see instructions)

2
 (a)
 (b)

3
 Sec Use Only
 Citizenship or Place of Organization

4
 DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With: Sole Voting Power
 5
 0.00
 Shared Voting Power
 6
 8,877,215.00
 Sole Dispositive Power
 7
 0.00

8 Shared Dispositive
Power

8,877,215.00

Aggregate Amount Beneficially Owned by Each Reporting Person

8,877,215.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

Percent of class represented by amount in row (9)

4.9 %

Type of Reporting Person (See Instructions)

PN

Comment for Type of Reporting Person: These securities are held of record by TCG Crossover II. TCG Crossover GP II is the general partner of TCG Crossover II 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 II and may be deemed to share voting, investment and dispositive power with respect to these securities. This total excludes (i) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants and (ii) 8,695,652 shares of Common Stock subject to Common Stock Warrants held by TCG Crossover II which are not exercisable within 60 days of this Statement due to the Beneficial Ownership Limitation. Based on 179,337,686 shares of Common Stock outstanding as of January 9, 2026, as provided to the Reporting Persons by the Issuer.

SCHEDULE 13G

CUSIP No. 15673T100

Names of Reporting Persons

TCG Crossover GP III, LLC

Check the appropriate box if a member of a Group (see instructions)

(a)

(b)

Sec Use Only

Citizenship or Place of Organization

DELAWARE

Sole Voting Power

0.00

Shared Voting Power

8,877,215.00

Sole Dispositive Power

0.00

Shared Dispositive

Power

8,877,215.00

Aggregate Amount Beneficially Owned by Each Reporting Person

8,877,215.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

Percent of class represented by amount in row (9)

4.9 %

Type of Reporting Person (See Instructions)

12

OO

Comment for Type of Reporting Person: These securities are held of record by TCG Crossover III (as defined in Item 2(a) below). TCG Crossover GP III (as defined in Item 2(a) below) is the general partner of TCG Crossover III 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 III and may be deemed to share voting, investment and dispositive power with respect to these securities. This total excludes (i) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants and (ii) 8,695,652 shares of Common Stock subject to Common Stock Warrants held by TCG Crossover III which are not exercisable within 60 days of this Statement due to the Beneficial Ownership Limitation. Based on 179,337,686 shares of Common Stock outstanding as of January 9, 2026, as provided to the Reporting Persons by the Issuer.

SCHEDULE 13G

CUSIP No. 15673T100

Names of Reporting Persons

1

TCG Crossover Fund III, L.P.

Check the appropriate box if a member of a Group (see instructions)

2

- (a)
- (b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

0.00

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person
With:

Shared Voting Power

6

8,877,215.00

Sole Dispositive Power

7

0.00

Shared Dispositive

8

Power

8,877,215.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

8,877,215.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

4.9 %

Type of Reporting Person (See Instructions)

12

PN

Comment for Type of Reporting Person: These securities are held of record by TCG Crossover III. TCG Crossover GP III is the general partner of TCG Crossover III 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 III and may be deemed to share voting, investment and dispositive power with respect to these securities. This total excludes (i) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants and (ii) 8,695,652 shares of Common Stock subject to Common Stock Warrants held by TCG Crossover III

which are not exercisable within 60 days of this Statement due to the Beneficial Ownership Limitation. Based on 179,337,686 shares of Common Stock outstanding as of January 9, 2026, as provided to the Reporting Persons by the Issuer.

SCHEDULE 13G

CUSIP No. 15673T100

1 Names of Reporting Persons

Chen Yu

Check the appropriate box if a member of a Group (see instructions)

2 (a)
 (b)

3 Sec Use Only

Citizenship or Place of Organization

4 UNITED STATES

Sole Voting Power

5 0.00

Number of Shares

Shared Voting Power

Beneficially Owned by Each

6 17,754,430.00

Reporting Person

7 Sole Dispositive Power

With:

8 Shared Dispositive Power

17,754,430.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 17,754,430.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11 9.9 %

Type of Reporting Person (See Instructions)

12 IN

Comment for Type of Reporting Person: Consists of (i) 8,877,215 shares of Common Stock held of record by TCG Crossover II and (ii) 8,877,215 shares of Common Stock held of record by TCG Crossover III. TCG Crossover GP II is the general partner of TCG Crossover II and may be deemed to have voting, investment, and dispositive power with respect to the securities held of record by TCG Crossover II. TCG Crossover GP III is the general partner of TCG Crossover III and may be deemed to have voting, investment, and dispositive power with respect to the securities held of record by TCG Crossover III. Chen Yu is the sole managing member of each of TCG Crossover GP II and TCG Crossover GP III and may be deemed to share voting, investment and dispositive power with respect to the securities held of record by TCG Crossover II and TCG Crossover III. This total excludes (i) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants held by TCG Crossover II, (ii) 8,695,652 shares of Common Stock subject to Common Stock Warrants held by TCG Crossover II, (iii) 8,514,089 shares of Common Stock subject to Pre-Funded Warrants held by TCG Crossover III and (iv) 8,695,652 shares of Common Stock subject to Common Stock Warrants held by TCG Crossover III which are not exercisable within 60 days of this Statement due to the Beneficial Ownership Limitation. Based on 179,337,686 shares of Common Stock outstanding as of January 9, 2026, as provided to the Reporting Persons by the Issuer.

Item 1.

Name of issuer:

- (a) Century Therapeutics, Inc.
Address of issuer's principal executive offices:
- (b) 25 North 38th Street, 11th Floor, Philadelphia, PA 19104

Item 2.

Name of person filing:

- (a) This joint statement on Schedule 13G is being filed by TCG Crossover Fund II, L.P. (TCG Crossover II), TCG Crossover GP II, LLC (TCG Crossover GP II), TCG Crossover Fund III, L.P. (TCG Crossover III) and TCG Crossover GP III, LLC (TCG Crossover GP III and together with TCG Crossover II, TCG Crossover GP II and TCG Crossover III, 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.

Address or principal business office or, if none, residence:

- (b) The address of the principal business office of each Reporting Person is 245 Lytton Ave., Suite 350, Palo Alto, CA 94301.

Citizenship:

- (c) TCG Crossover GP II and TCG Crossover GP II are each a limited liability company organized under the laws of the State of Delaware. TCG Crossover II and TCG Crossover III are each a limited partnership organized under the laws of the State of Delaware. The Reporting Individual is a citizen of the United States of America.

Title of class of securities:

- (d) Common Stock, par value \$0.0001 per share
CUSIP No.:

- (e) 15673T100

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:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

- (a) See Row 9 of the cover page for each Reporting Person and the corresponding comments.

Percent of class:

- (b) See Row 11 of the cover page for each Reporting Person and the corresponding comments. %

- (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 comments.

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

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

(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 comments.

(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 comments.

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

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

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 Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

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.

TCG Crossover GP II, LLC

Signature: /s/ Craig Skaling

Name/Title: Craig Skaling, Authorized Signatory

Date: 01/15/2026

TCG Crossover Fund II, L.P.

Signature: /s/ Craig Skaling

Name/Title: Craig Skaling, Authorized Signatory

Date: 01/15/2026

TCG Crossover GP III, LLC

Signature: /s/ Craig Skaling

Name/Title: Craig Skaling, Authorized Signatory

Date: 01/15/2026

TCG Crossover Fund III, L.P.

Signature: /s/ Craig Skaling

Name/Title: Craig Skaling, Authorized Signatory

Date: 01/15/2026

Chen Yu

Signature: /s/ Craig Skaling

Name/Title: Craig Skaling, as Attorney-in-Fact for Chen Yu

Date:

01/15/2026