FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |     |  |  |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|--|--|
| OMB Number: 3235-0287    |     |  |  |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |  |  |
| hours per response:      | 0.5 |  |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*  Shoos Karen L.  (Last) (First) (Middle)  |  |                           |              |  |                 | 2. Issuer Name and Ticker or Trading Symbol     Celldex Therapeutics, Inc. [ CLDX ]      3. Date of Earliest Transaction (Month/Day/Year)     06/13/2024                          |  |            |   |                                     | (Ch   | eck all applic   | cable)<br>or<br>(give title                                      | Person(s) to Is  10% C Other below                  | owner<br>(specify |        |
|--|--|---------------------------|--------------|--|-----------------|---|--|------------|---|-------------------------------------|---|--|--|---|-------------------|--------|
| C/O CELLDEX THERAPEUTICS, INC. 53 FRONTAGE ROAD, SUITE 220   |  |                           |              |  | 4. 1            | 4. If Amendment, Date of Original Filed (Month/Day/Year)  |  |            |   | Line                                | Individual or Joint/Group Filing (Check Applicable ine)  Form filed by One Reporting Person |  |  |   |                   |        |
| (Street)   | ON N.  | J                         | 08827        |  | D               | ulo   | 10h5 /   | 1(0)       | Transac   | stion Inc                           | lication  |  | Form f<br>Persor   |   | than One Rep      | orting |
| (City)   | (S   | tate)                     | (Zip)        |  |                 | Rule 10b5-1(c) Transaction Indication  Check this box to indicate that a transaction was made pursuant to a satisfy the affirmative defense conditions of Rule 10b5-1(c). See Ins |  |            |   |                                     |   |  |  |   |                   |        |
|  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                           |              |  |                 |   |  |            |   |                                     |   |  |  |   |                   |        |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Da   |  |                           |              |  | Execution Date, |   | 3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5) |            |   |                                     |   | es Feially (I<br>Following (I  | 6. Ownership<br>Form: Direct<br>D) or Indirect<br>I) (Instr. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |                   |        |
|  |  |                           |              |  |                 | Code V  | Amount   | (A) or (D) | Price   | Reported<br>Transact<br>(Instr. 3 a | ion(s)  |  | (Instr. 4)   |   |                   |        |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)   |  |                           |              |  |                 |   |  |            |   |                                     |   |  |  |   |                   |        |
| 1. Title of Derivative Conversion or Exercise Price of Derivative Security  (Instr. 3)  2. Conversion Date Execution I of any (Month/Day/Year)  Derivative Security  3. Transaction Date Execution I of any (Month/Day/Year) |  | Date,                     | Code (Instr. |  |                 |   | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)                             |            | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |                                     | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4)               |                   |        |
|  |  |                           |              |  | Code            | v   | (A)  | (D)        | Date<br>Exercisable   | Expiration<br>Date                  | Title   | Amount<br>or<br>Number<br>of<br>Shares   |  |   |                   |        |
| Non-<br>Qualified<br>Stock<br>Option<br>(right to<br>buy) <sup>(1)</sup>   | \$36.43  | 06/13/2024 <sup>(1)</sup> |              |  | A               |   | 16,500   |            | 06/13/2025  | 06/13/2034                          | Common<br>Stock   | 16,500   | \$0  | 16,500  | D                 |        |

## Explanation of Responses:

1. Represents option granted by the Issuer pursuant to its 2021 Omnibus Equity Incentive Plan.

/s/ Sam Martin, attorney-in-fact for Karen L. Shoos 06/17/2024

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.