| SEC Form 4 |   |
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| FORM       | 4 |

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## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Check this box to indicate that a transaction was made pursuant to a

contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL         |      |  |  |  |  |  |  |
|----------------------|------|--|--|--|--|--|--|
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| hours per response:  | 0.5  |  |  |  |  |  |  |

| 1. Name and Address of Reporting Person <sup>*</sup><br>Beskrovnaya Oxana |  |                | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>Dyne Therapeutics, Inc.</u> [ DYN ] |                   | tionship of Reporting Pe<br>all applicable)<br>Director                              | 10% Owner                             |  |
|---|--|----------------|--|-------------------|--|---------------------------------------|--|
| (Last)<br>1560 TRAPELO  | krovnaya Oxana<br>) (First) (Middle)<br>) TRAPELO ROAD |                | 3. Date of Earliest Transaction (Month/Day/Year)<br>08/19/2024                               | ~                 | Officer (give title<br>below)<br>Chief Scientifie                                    | Other (specify<br>below)<br>c Officer |  |
| (Street)<br>WALTHAM<br>(City)   | MA<br>(State)  | 02451<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                     | 6. Indiv<br>Line) | idual or Joint/Group Fili<br>Form filed by One Re<br>Form filed by More th<br>Person | porting Person                        |  |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transa<br>Code (<br>8) |   | Disposed Of (D) (Instr. 3, 4 and 5) |               | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |          |
|---------------------------------|--|---|------------------------------|---|-------------------------------------|---------------|---|---|---|----------|
|                                 |  |   | Code                         | v | Amount                              | (A) or<br>(D) | Price   | Transaction(s)<br>(Instr. 3 and 4)                                |   | (1150.4) |
| Common Stock                    | 08/19/2024                                 |   | <b>S</b> <sup>(1)</sup>      |   | 2,340                               | D             | <b>\$45.01</b> <sup>(2)</sup>   | 145,171   | D   |          |
| Common Stock                    | 08/19/2024                                 |   | <b>S</b> <sup>(1)</sup>      |   | 296                                 | D             | \$46 <sup>(3)</sup>   | 144,875(4)  | D   |          |

## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

|   |   |  | (e.g., pi   | 113, 56                      | ans, v | varie | ants, | options, t   | ,onvenub           | 16 36   | cunties                                | )   |  |                    |  |
|---|---|--|---|------------------------------|--------|-------|-------|--|--------------------|---|--|---|--|--------------------|--|
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |        | of E  |       | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | Ownership<br>Form: | 11. Nature<br>of Indirect<br>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 |   |  |                    |  |

Explanation of Responses:

1. Represents shares automatically sold by the Reporting Person to satisfy tax withholding obligations in connection with the vesting of restricted stock units granted to the Reporting Person on November 15, 2023. The automatic sale of the Reporting Person's shares is provided for in a restricted stock unit agreement constituting a "binding contract" consistent with the affirmative defense to liability under Rule 10b5-1 that was entered into on January 25, 2024 and the sale does not represent a discretionary trade by the Reporting Person.

2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices within the range of \$44.51 to \$45.48, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in the footnotes of this Form 4.

3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices within the range of \$45.53 to \$46.45, inclusive.

4. Includes 119,668 unvested RSUs.

/s/ Richard Scalzo, Attorneyin-Fact

<u>- 08/20/2024</u>

\*\* Signature of Reporting Person Date

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

\* 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.