FORM 4

Check this box if no longer subje to Section 16. Form 4 or Form 5 obligations may continue. See

Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D.C. 20549 | | |
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| ct | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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| | OMB APPROVAL | | | | | | | | | |
|--|---|-------|--|--|--|--|--|--|--|--|
| | OMB Number: 3235-0287 Estimated average burden | | | | | | | | | |
| | | | | | | | | | | |
| | hours per response | : 0.5 | | | | | | | | |

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* Brumm Joshua T (Last) (First) (Middle) | | | | | 2. Issuer Name and Ticker or Trading Symbol Dyne Therapeutics, Inc. [DYN] 3. Date of Earliest Transaction (Month/Day/Year) | | | | | | | (Chec | 5. Relationship of Repo Check all applicable) X Director X Officer (give tit below) | | 10% Own | | wner | | |
|--|--|---------|-----------------|-----------------------------------|---|---|-----------------------------|--------|---|--------------------------|--------------------|--|--|--|---|---------------------------------------|-----------|------------|--------|
| C/O DYNE THERAPEUTICS, INC. 1560 TRAPELO ROAD | | | | 09/2 | 09/20/2022 | | | | | | | | | See R | emarks | 5 | | | |
| 1560 TK | APELO RO | JAD | | | 4. If A | If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable | | | | | | |
| (Street) | AM M | Δ 0 | 2451 | | | | | | | | | | | Line) | e) X Form filed by One Reporting Person | | | | |
| , | 1111 | | 2431 | | | | | | | | | | | | Form Perso | filed by Mo | re than (| One Repo | orting |
| (City) | (St | ate) (Ž | Zip) | | | | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | Secu | rities | Acc | uired | , Dis | posed of | , or E | Benef | iciall | y Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day) | | | Execution Date, | | 3. Transaction Code (Instr. 8) 4. Securities Ac Disposed Of (D) 5) | | | | | , 4 and Sec Ber Ow | | Amount of ecurities eneficially wned Following eported | | Direct ndirect r. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | |
| | | | | | | | | Code | v | Amount | (A) (D) | or Pr | ice | Transa | ction(s) 3 and 4) | | | (111501.4) | |
| Common Stock 09/20/20 | | | | .022 | | | D | | 11,836(1) | (1) D \$1 | | 13.7(2) | 204,623(3) | | Ι |) | | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | erivative Conversion Date Execution Date, curity or Exercise (Month/Day/Year) if any | | | Transaction of Code (Instr. Deriv | | r osed) r. 3, 4 | 6. Date Expira (Month | tion D | Year) Securities Underlying Derivative Security (Ins 3 and 4) Amou | | Str. De Se (In | Price of erivative ecurity estr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4 | | Beneficial Ownership (Instr. 4) | | | |
| | | | | | Code | v | (A) | (D) | Date Exerci | sable | Expiration Date | Title | Numb of Share | | | | | | |

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 September 17, 2020. 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 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 that represents the price of all shares sold by a broker on September 20, 2022 to satisfy tax withholding obligations. These shares were sold in multiple transactions at prices within the range of \$13.70 to \$13.81, 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 range(s) set forth in this footnote of this Form 4.
- 3. Includes 149,544 unvested RSUs.

Remarks:

Chief Executive Officer and President

/s/ Richard Scalzo, Attorneyin-Fact

** Signature of Reporting Person Date

09/21/2022

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.