FORM 4

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

| washington, D.C. 20 |
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| STATEMENT O             | F CHANGES IN | BENEFICIAL | OWNERSHIP |
|-------------------------|--------------|------------|-----------|
| O I A I E III E I I I O |              |            | OTTITLE   |

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

Atlas Venture Associates XI, L.P.

(First)

(Middle)

(Last)

| Instruc   | tion 1(b).    |                                      |                                     | Filed  |  |   |  |       |  |        | ities Exchange<br>ompany Act of                               |  | r 1934  |   |  |  |   |                  |   |  |                                |  |                                |
|---|---------------|--------------------------------------|-------------------------------------|--|--|---|--|-------|--|--------|---|--|---|---|--|--|---|------------------|---|--|--------------------------------|--|--------------------------------|
| 1. Name and Address of Reporting Person*  Atlas Venture Opportunity Fund II, L.P. |               |                                      |                                     | or Section 30(h) of the Investment Company Act of 1940  2. Issuer Name and Ticker or Trading Symbol  Dyne Therapeutics, Inc. [ DYN ] |  |   |  |       |  |        |   | Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X 10% Owner |   |   |  |  |   |                  |   |  |                                |  |                                |
| (Last)  |               |                                      |                                     |  |  | s. Date of Earliest Transaction (Month/Day/Year)<br>2/12/2022 |  |       |  |        |   |  |   |   | Office<br>below                                | er (give titl<br>v)                      | е   | Othe<br>belov    | er (specify<br>w)                                   |  |                                |  |                                |
| (Street)  | LIDGE M       | Α (                                  | 2139                                |  | 4. If <i>i</i>                         | . If Amendment, Date of Original Filed (Month/Day/Year)       |  |       |  |        |   |  |   | 6. Individual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person  X Form filed by More than One Reporting Person |  |  |   |                  |   |  |                                |  |                                |
| (City)  | (S            | tate) (.                             | Zip)                                |  |  |   |  |       |  |        |   |  |   |   | . 0.00   |  |   |                  |   |  |                                |  |                                |
|   |               |                                      | I - No                              |  |  | _   |  |       | <del>-</del>   | d, Dis | sposed of   |  |   |   | _  |  | 1   |                  |   |  |                                |  |                                |
| 1. Title of   | Security (Ins | str. 3)                              |                                     | 2. Transacti<br>Date<br>(Month/Day   | y/Year) E                              |   | A. Deemed<br>execution Date,<br>any<br>Month/Day/Year) |       | 3.<br>Transa<br>Code (<br>8)   |        | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 5) |  |   | and Securi<br>Benefi<br>Owned   |  | es<br>ally<br>Following                  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |                  | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |  |                                |  |                                |
|   |               |                                      |                                     |  |  |   |  |       | Code   | v      | Amount  | (A) o  | Pri   | се  | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |  |   |                  | (Instr. 4)  |  |                                |  |                                |
| Common  | Stock         |                                      |                                     | 12/12/20   | 022                                    |   |  |       | P  |        | 934,581   | A  | \$  | 10.7  | 934  | ,581                                     | ] ]   | D <sup>(1)</sup> |   |  |                                |  |                                |
| Common  | Stock         |                                      |                                     |  |  |   |  |       |  |        |   |  |   |   | 7,326,117                                      |  | 7,326,117   |                  | 26,117 I  |  | See<br>footnote <sup>(2)</sup> |  |                                |
| Common  | Stock         |                                      |                                     |  |  |   |  |       |  |        |   |  |   |   | 1,608,785                                      |  | 1,608,785   |                  | 1,608,785   |  | 08,785 I                       |  | See<br>footnote <sup>(3)</sup> |
|   |               | Та                                   | ble II                              |  |  |   |  |       |  |        | osed of, o  |  |   |   | Owne   | d  |   |                  |   |  |                                |  |                                |
| Derivative Conversion Date Exercise (Month/Day/Year) if a                         |               | Execu                                | eemed<br>Ition Date,<br>h/Day/Year) |  | Transaction of Code (Instr. Derivative |   | Expiration D<br>(Month/Day/                            |       | Oate (Year) (Yea |        |   |  | 9. Number derivative Securitie Beneficia Owned Following Reported Transact (Instr. 4) | e Ownersh s Form: Direct (D or Indire g (I) (Instr.   |  | Beneficial<br>Ownership<br>ct (Instr. 4) |   |                  |   |  |                                |  |                                |
|   |               |                                      |                                     |  | Code                                   | v   | (A   | ) (D) | Date<br>Exerc  | isable | Expiration<br>Date  | Title  | Amou<br>or<br>Numb<br>of<br>Share   | er  |  |  |   |                  |   |  |                                |  |                                |
|   |               | f Reporting Person'<br>pportunity Fu | ınd II                              | <u>, L.P.</u>  |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (Last)<br>300 TEC   | CHNOLOG       | (First)<br>Y SQUARE, 8T              |                                     | liddle)<br>OOR   |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (Street)  | LIDGE         | MA                                   | 02                                  | 2139   |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (City)  |               | (State)                              | (Z                                  | ip)  |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
|   |               | f Reporting Person and XI, L.P.      |                                     |  |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (Last)<br>300 TEC   | CHNOLOG       | (First)<br>Y SQUARE, 8T              |                                     | liddle)<br>OOR   |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (Street)  | LIDGE         | MA                                   | 02                                  | 2139   |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| (City)  |               | (State)                              | (Z                                  | ip)  |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |
| 1. Name ar  | nd Address o  | f Reporting Person                   |                                     |  |  |   |  |       |  |        |   |  |   |   |  |  |   |                  |   |  |                                |  |                                |

| Street) CAMBRIDGE                 | MA                    | 02139                       |
|-----------------------------------|-----------------------|-----------------------------|
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       |                             |
| (Last)<br>300 TECHNOLO            | (First)<br>GY SQUARE, | (Middle)<br>8TH FLOOR       |
| (Street) CAMBRIDGE                | MA                    | 02139                       |
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       |                             |
| (Last)<br>300 TECHNOLO            | (First) GY SQUARE,    | (Middle)<br>8TH FLOOR       |
| (Street) CAMBRIDGE                | MA                    | 02139                       |
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       | son*<br>Opportunity I, L.P. |
| (Last)                            | (First)               | (Middle)                    |
| 300 TECHNOLO                      | GY SQUARE,            | 8TH FLOOR                   |
| (Street) CAMBRIDGE                | MA                    | 02139                       |
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       | son*<br>Opportunity I, LLC  |
| (Last)<br>300 TECHNOLO            | (First) GY SQUARE,    | (Middle)<br>8TH FLOOR       |
| (Street) CAMBRIDGE                | MA                    | 02139                       |
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       | son*<br>Opportunity II, LP  |
| (Last)<br>300 TECHNOLO            | (First)<br>GY SQUARE, | (Middle)<br>8TH FLOOR       |
| (Street) CAMBRIDGE                | MA                    | 02139                       |
| (City)                            | (State)               | (Zip)                       |
| 1. Name and Address Atlas Venture |                       | son*<br>Opportunity II, LLC |
| (Last)                            | (First)               | (Middle)                    |
|                                   |                       |                             |
| 300 TECHNOLO                      | GY SQUARE,            | 8TH FLOOR                   |

## **Explanation of Responses:**

- 1. The shares are owned directly by Atlas Venture Opportunity Fund II, L.P. ("AVOF II"). Atlas Venture Associates Opportunity II, L.P. ("AVAO II LP") is the general partner of AVOF II. Atlas Venture Associates Opportunity II, LLC ("AVAO II LLC") is the general partner of AVAO II LP. Each of AVAO II LP and AVAO II LLC disclaims Section 16 beneficial ownership of the securities held by AVOF II, except to the extent of its pecuniary interest therein, if any.
- 2. The shares are held directly by Atlas Venture Fund XI, L.P. ("Atlas Venture Fund XI"). The general partner of Atlas Venture Fund XI is Atlas Venture Associates XI, L.P. ("AVA XI L.P."). Atlas Venture Associates XI, LLC ("AVA XI LLC") is the general partner of AVA XI L.P. Each of AVA XI L.P. and AVA XI L.C disclaims Section 16 beneficial ownership of the securities held by Atlas Venture Fund XI, except to the extent of its pecuniary interest therein, if any.
- 3. The shares are held directly by Atlas Venture Opportunity Fund I, L.P. ("Atlas Venture Opportunity Fund I"). The general partner of Atlas Venture Opportunity Fund I is Atlas Venture Associates Opportunity I, L.P. ("AVAO I L.P."). Atlas Venture Associates Opportunity I, L.P. ("AVAO I L.P. Each of AVAO I L.P. Each of AVAO I L.P. and AVAO I L.P. disclaims Section 16 beneficial ownership of the securities held by Atlas Venture Opportunity Fund I, except to the extent of its pecuniary interest therein, if any.

## Remarks:

| Atlas Venture Opportunity        |            |
|----------------------------------|------------|
| Fund II, L.P., By: Atlas         |            |
| Venture Associates               |            |
| Opportunity II, L.P., its        |            |
| general partner, By: Atlas       | 12/14/2022 |
| <u>Venture Associates</u>        |            |
| Opportunity II, LLC, its         |            |
| general partner, By: Ommer       |            |
| Chohan, Chief Financial          |            |
| Officer, /s/ Ommer Chohan        |            |
| /s/ Atlas Venture Fund XI, LP,   |            |
| By: Atlas Venture Associates     |            |
| XI, L.P., it's general partner,  |            |
| By: Atlas Venture Associates     | 12/14/2022 |
| XI, LLC, its general partner,    | 12/14/2022 |
| By: Ommer Chohan, Chief          |            |
| Financial Officer, /s/ Ommer     |            |
| <u>Chohan</u>                    |            |
| Atlas Venture Associates XI,     |            |
| L.P., By: Atlas Venture          |            |
| Associates XI, LLC, its          |            |
| general partner, By: Ommer       | 12/14/2022 |
| Chohan, Chief Financial          |            |
| Officer /s/ Ommer Chohan         |            |
| Atlas Venture Associates XI,     |            |
| LLC By: Ommer Chohan,            |            |
| Chief Financial Officer /s/      | 12/14/2022 |
| Ommer Chohan                     |            |
|                                  |            |
| Atlas Venture Opportunity        |            |
| Fund I, L.P., By: Atlas Venture  |            |
| Associates Opportunity I, L.P.,  |            |
| its general partner, By: Atlas   | 10/14/2022 |
|                                  | 12/14/2022 |
| Opportunity I, LLC, its          |            |
| general partner, By: Ommer       |            |
| Chohan, Chief Financial          |            |
| Officer, /s/ Ommer Chohan        |            |
| Atlas Venture Associates         |            |
| Opportunity I, L.P., By: Atlas   |            |
| Venture Associates               |            |
| Opportunity I, LLC, its          | 12/14/2022 |
| general partner, By: Ommer       |            |
| Chohan, Chief Financial          |            |
| Officer, /s/ Ommer Chohan        |            |
| Atlas Venture Associates         |            |
| Opportunity I, LLC, By:          |            |
|                                  | 12/14/2022 |
| Financial Officer, /s/ Ommer     |            |
| <u>Chohan</u>                    |            |
| Atlas Venture Associates         |            |
| Opportunity II, L.P., By: Atlas  |            |
| Venture Associates               |            |
|                                  | 12/14/2022 |
| general partner, By: Ommer       |            |
| Chohan, Chief Financial          |            |
| Officer, /s/ Ommer Chohan        |            |
| Atlas Venture Associates         |            |
| Opportunity II, LLC, its         |            |
| general partner, By: Ommer       | 12/14/2022 |
| <u>Chohan, Chief Financial</u>   | 12/17/2022 |
| Officer, /s/ Ommer Chohan        |            |
| ** Signature of Reporting Person | Date       |
| Signature of Reporting 1 613011  | _410       |

\*\* 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.

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