Instruction 1(b).

FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D.C. 20549 |  |
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| Washington, D.C. 20549 |  |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

| OMB APPROVAL             |  |  |  |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|--|--|--|
| OMB Number: 3235-028     |  |  |  |  |  |  |  |  |  |
| Estimated average burden |  |  |  |  |  |  |  |  |  |
| hours per response: 0.8  |  |  |  |  |  |  |  |  |  |

|                        | dress of Reporting |                  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Aprea Therapeutics, Inc. [ APRE ] |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                       |  |  |  |
|------------------------|--------------------|------------------|--|--|---|-----------------------|--|--|--|
| SCHADE CHRISTIAN S     |                    |                  | Aprea Therapeuties, Inc. [ AFRE ]  | X  | Director  | 10% Owner             |  |  |  |
| (Last) 535 BOYLS       | (First) ΓΟΝ STREET | (Middle)         | 3. Date of Earliest Transaction (Month/Day/Year) 06/03/2022                          | X  | Officer (give title below)  Chairman &                                  | Other (specify below) |  |  |  |
| (Street) BOSTON (City) |                    |                  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                             | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |   |                       |  |  |  |
|                        |                    | Table I - Non-De | privative Securities Acquired Disposed of or Bon                                     | oficially  | v Ownod   |                       |  |  |  |

| 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) |   | 4. Securities<br>Disposed Of<br>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 |  |
|  |  |   | Code                         | v | Amount                             | (A) or<br>(D) | Price   | Transaction(s)<br>(Instr. 3 and 4)  |   | (Instr. 4)  |  |
| Common Stock   | 06/03/2022                                 |   | F                            |   | 65,770 <sup>(1)</sup>              | D             | \$0.805 | 226,846   | D   |   |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | <b>I</b> (2)  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | I <sup>(2)</sup>  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | <b>I</b> (2)  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | <b>I</b> (2)  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | I <sup>(2)</sup>  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 1,000(2)  | <b>I</b> (2)  | By adult child <sup>(2)</sup>                       |  |
| Common Stock   |  |   |                              |   |                                    |               |         | 5,000   | I   | By spouse   |  |

|   |   | Tal  |   |                              | ve Securities Acquired, Disposed of, or Beneficially Owned ts, calls, warrants, options, convertible securities) |  |                           |   |                    |                               |  |   |  |  |  |
|---|---|--|---|------------------------------|--|--|---------------------------|---|--------------------|-------------------------------|--|---|--|--|--|
| 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<br>Deriv<br>Secu<br>Acqu<br>(A) o<br>Disport (D | r<br>osed<br>)<br>r. 3, 4 | 6. Date Exerc<br>Expiration Da<br>(Month/Day/\) | ate                | Amor<br>Secu<br>Unde<br>Deriv | rlying<br>ative<br>rity (Instr.        | 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) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 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 withheld to satisfy tax withhelding obligations in connection with the vesting of 180,934 restricted stock units.
- 2. The reporting person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 of the Securities Exchange Act of 1934, or for any other purpose.

/s/ Scott M. Coiante, attorney-06/07/2022 in-fact

\*\* 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.