FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| Print or Ty | pe Response | s) | | | | | | | | | | | | | |
|---|---|--------------------------------------|---|---|-----------------|--|--|---------------------|---|-----------------------|---|--|---|--|----|
| 1. Name and Address of Reporting Person* NEIL GARRY ARTHUR | | | | 2. Issuer Name and Ticker or Trading Symbol Cerecor Inc. [CERC] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | |
| (Last) (First) (Middle) C/O CERECOR INC., 540 GAITHER ROAD, SUITE 400 | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/10/2020 | | | | | | | X Officer (give title below) Other (specify below) Chief Scientific Officer | | | | |
| (Street) ROCKVILLE, MD 20850 | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person | | | | |
| (City) (State) (Zip) | | | | Table I - Non-Derivative Securities Acqui | | | | | | | ired, Disposed of, or Beneficially Owned | | | | |
| (Instr. 3) Date | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Code (Instr. 8) | ction | 4. Securities Acqui (A) or Disposed of (Instr. 3, 4 and 5) | | | Beneficia Reported | nt of Securities ally Owned Following Transaction(s) | | Form: | 7. Nature of Indirect Beneficial | |
| | | | | | Code | V | Amour | (A) or (D) | Price | (Instr. 3 a | (Instr. 3 and 4) | | Direct (D) or Indirect (I) (Instr. 4) | Ownership (Instr. 4) | |
| Common Stock 12/10/2020 | | | | | P | | 3,599 (1) | A | \$ 2.278 | 77,680 | | | D | | |
| | | | (| e.g., puts | | ies Acquiro arrants, op | ed, D | isposed , conver | of, or Be | eneficial urities) | ly Owned | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | | 3A. Deemed Execution Da (ear) any | (e.g., puts, calls, wa 4. Transaction Code (Instr. 8) | | the form discrete the form dis | | | of, or Beneficial rtible securities) rcisable 7. T ion Date Ame | | itle and 8. Price o | | f 9. Number of Derivative Securities Beneficially Owned Following | f 10. Ownersh Form of Derivativ Security: Direct (D |)) |
| | | | | | | (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | | | , | | Reported Transaction(s (Instr. 4) | or Indire (I) (Instr. 4) | |
| | | | | Co | ode V | (A) (D) | Date Exer | e rcisable | Expirati Date | on Title | Amount or Number of Shares | | | | |
| Repor | ting O | wners | | | | | | | | | | | | | |
| Director | | | Relationships | | | | | | | | | | | | |
| | | | Director 10 | 0% owner Officer | | | | Other | | | | | | | |

Chief Scientific Officer

Signatures

NEIL GARRY ARTHUR C/O CERECOR INC.

ROCKVILLE, MD 20850

540 GAITHER ROAD, SUITE 400

| /s/ Michael McInaw, by Power of Attorney | 12/14/2020 | | |
|--|------------|--|--|
| **Signature of Reporting Person | Date | | |

Explanation of Responses:

- * 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)
- (1) These shares were acquired under the Issuer's 2016 Employee Stock Purchase Plan.

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

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