

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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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| OMB Number: | 3235-0287 |
| Estimated average burden hours per response: | 0.5 |

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| 1. Name and Address of Reporting Person * <u>Martin Daniel C.</u> (Last) (First) (Middle) <u>C/O DECIPHERA PHARMACEUTICALS, INC.</u> <u>500 TOTTEN POND ROAD</u> (Street) <u>WALTHAM MA 02451</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Deciphera Pharmaceuticals, Inc. [DCPH]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Commercial Officer</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>09/18/2018</u> | |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 09/18/2018 | | A | | 20,000 ⁽¹⁾ | A | \$0.00 | 20,000 | D | |

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) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| Stock Option (Right to Buy) | \$36.1 | 09/18/2018 | | A | | 90,000 | | (2) | 09/17/2028 | Common Stock | 90,000 | \$0.00 | 90,000 | D | |

Explanation of Responses:

- The reporting person was awarded 20,000 Restricted Stock Units. Each Restricted Stock Unit represents a contingent right to receive one share of the Issuer's Common Stock. The Restricted Stock Units shall vest in equal annual installments over two (2) years beginning on September 18, 2018. The Restricted Stock Units may be settled only by delivering shares of the Issuer's Common Stock, and thus, the grant is being reported in Table 1 as allowed per SEC guidance.
- This stock option was issued pursuant to the Issuer's 2017 Stock Option and Incentive Plan. 25% of the shares shall vest on September 18, 2019 and the remaining shares shall vest in 36 equal monthly installments thereafter, subject to continued service through such dates.

Remarks:

/s/ Jeffrey M. Held, Attorney-in-Fact 09/20/2018

** 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.