

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>Sherman Matthew L</u> (Last) (First) (Middle) <u>C/O DECIPHERA PHARMACEUTICALS, INC.</u> <u>200 SMITH STREET</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 _____ Officer (give title below) _____ Other (specify below) _____ X <u>EVP & Chief Medical Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/16/2021</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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	02/16/2021		S ⁽¹⁾		132	D	\$48.87	37,286	D	
Common Stock	02/16/2021		A ⁽²⁾		11,100	A	\$0.00	48,386	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					
Stock Option (Right to Buy)	\$47.79	02/16/2021		A		49,900		(3)	02/15/2031	Common Stock 49,900	\$0.00	49,900	D	

Explanation of Responses:

- This sale was to cover tax liabilities in the vesting of restricted stock.
- The reporting person was awarded 11,100 Restricted Stock Units under the 2017 Stock Option and Incentive Plan. 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 25% installments on February 15, 2022, February 15, 2023, February 15, 2024 and February 15, 2025, subject to continued service through such dates. 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. The option shall vest in equal monthly installments over four years, beginning on March 16, 2021.

Remarks:

/s/ Jeffrey Held, Attorney-in-Fact 02/18/2021

** 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.