FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Name and Address of Reporting Person* Gullans Steven R. Ph.D.					2. Issuer Name and Ticker or Trading Symbol Gemphire Therapeutics Inc. [GEMP]							Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) (Middle) 17199 N. LAUREL PARK DRIVE SUITE 401				05	3. Date of Earliest Transaction (Month/Day/Year) 05/30/2017							X Officer (give title Other (specify below) Interim President & CEO				
(Street) LIVONI			48152 (Zip)	4.	4. If Amendment, Date of Original Filed (Month/Day/Year)						Lin	Individual or Joint/Group Filing (Check Applicable ine) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Tab	le I - Non-D	Derivativ	e Se	curities	Ac	quired, Di	sposed o	of, or Be	neficial	ly Owned	l			
1. Title of Security (Instr. 3) 2. Transa Date				Transaction ate Month/Day/Y	Execution Date,		Code (Ins	on Disposed tr. 5)	ties Acquire d Of (D) (Ins	tr. 3, 4 and	5. Amount of 6 Securities F Beneficially ([6. Owners Form: Dir (D) or Ind (I) (Instr. 4	ect c rect E) (7. Nature of Indirect Beneficial Ownership Instr. 4)	
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	ercise (Month/Day/Year of ative	3A. Deemed Execution Date if any (Month/Day/Ye	ate, Transaction Code (Instr				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transactior (Instr. 4)	Own For Dire or I (I) (nership n: ct (D) ndirect nstr. 4)	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Employee Stock Option (right to buy)	\$10.26	05/30/2017		A		60,000		(1)	05/29/2027	Common Stock	60,000	\$0	60,000		D	

Explanation of Responses:

1. The option vests in 12 equal consecutive monthly increments, so that all of the shares will be vested on the one year anniversary of the date of grant, subject to acceleration upon the appointment of a permanent President and Chief Executive Officer.

Stephanie Swan, by Power of <u>Attorney</u>

05/31/2017

** 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.

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