Gibson Neil W Form 4 February 14, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

response...

OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

Gibson Neil	W	Symbol		Issuer (Check all applicable)			
		Regulus	Therapeutics Inc. [RGLS]				
(Last)	(First) (N	Middle) 3. Date of	Earliest Transaction				
		(Month/D	Day/Year)	Director 10% Owner			
C/O REGUI	LUS THERAPEU	JTICS 02/04/20	013	X Officer (give title Other (specify below)			
INC., 3545	JOHN HOPKINS			Chief Scientific Officer			
COURT, SU	JITE 210						
	(Street)	4. If Ame	ndment, Date Original	6. Individual or Joint/Group Filing(Check			
		Filed(Mon	nth/Day/Year)	Applicable Line)			
				X Form filed by One Reporting Person			
SAN DIEGO	O, CA 92121			Form filed by More than One Reporting Person			
(City)	(State)	(Zip) Tabl	e I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owned			
1.Title of	2. Transaction Date	2A. Deemed	3. 4. Securities Acquired	5. Amount of 6. Ownership 7. Nature of			
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)				
(Instr. 3)		any	Code (Instr. 3, 4 and 5)	Beneficially (D) or Beneficial			
		(Month/Day/Year)	(Instr. 8)	Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4)			
				Reported (Inst. 4)			
			(A)	Transaction(s)			
			or Code V Amount (D) Price	(Instr. 3 and 4)			
Common			\$				
Stock	02/04/2013		M 50,000 A $^{\circ}_{1.74}$	50,000 D			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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1.74

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securities (Instr. 3 and 4)		8 1 5 (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 1.74	02/04/2013		M	50,000	<u>(1)</u>	04/17/2021	Common Stock	50,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gibson Neil W C/O REGULUS THERAPEUTICS INC. 3545 JOHN HOPKINS COURT, SUITE 210 SAN DIEGO, CA 92121

Chief Scientific Officer

Signatures

By: /s/ Christopher Aker,

Attorney-in Fact 02/13/2013

**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) As of the date of this Form 4, 60,345 shares are fully vested, with the remaining 123,564 shares vesting monthly through April 18, 2015. 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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Reporting Owners 2