FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEM

OMB Nu
Estimate

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OMB Number:	3235-0287									
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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).

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* <u>Wigginton Jon Marc</u>									ker or Tra		Symbol MGNX]		(Ch	Relationship eck all appli Direct	cable) or	g Pers	10% Ov	vner
(Last) 9704 ME	`		3. Date of Earliest Transaction (Month/Day/Year) 08/01/2016								helow)	Officer (give title Other (specify below) Sr VP Clinical Dev & CMO						
(Last) (First) (Middle) 9704 MEDICAL CENTER DRIVE (Street) ROCKVILLE MD 20850 (City) (State) (Zip) Table I - Nor 1. Title of Security (Instr. 3) Common Stock(1) Common Stock(1) Table II - (Month/Day/Year) Table II - (Month/Day/Year) Table II - (Month/Day/Year) Table II - (Month/Day/Year) Table II - (Month/Day/Year)			_ 4. I	f Ame	ndme	nt, Date	of Original Filed (Month/Day/Year)					e) X Form t	al or Joint/Group Filing (Check Applicable orm filed by One Reporting Person orm filed by More than One Reporting					
(City)	(S	tate)	(Zip)											Perso	Person			
			ole I - No						.	, Dis	·	<u> </u>						
1. Title of S	Security (Ins	tr. 3)		2. Trans Date (Month/		Execution Date,		Execution Date, if any		Code (Instr.		es Acquired Of (D) (Instr	d (A) or r. 3, 4 and 5	Benefic	es ially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	n: Direct r Indirect istr. 4)	7. Nature of Indirect Beneficial Ownership
									Code	v	Amount	(A) or (D)	Price	Transac (Instr. 3	tion(s)			(Instr. 4)
				08/01	1/2016	016			M		20,000	A	\$4.7	20	20,000		D	
Common					1/2016	2016			S		20,000	D	\$30.78	(2)	0		D	
			Table II ·								osed of, convertil			Owned				
Derivative Security	Conversion or Exercise Price of Derivative	Date	Execution if any	Date,		nsaction of E				6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and Ai of Securities Underlying Derivative Sec (Instr. 3 and 4			ies g Security	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	i lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership tt (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amount or Number of Shares					
Employee Stock Option (right to buy)	\$4.7	08/01/2016			M			20,000	01/18/20)14	07/18/2023	Common Stock	20,000	\$0	35,254	4	D	

Explanation of Responses:

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 16, 2016.
- 2. This transaction was executed in multiple trades at prices ranging from \$30.53 to \$31.10. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

/s/ Lynn Cilinski, attorney-in-

fact

** Signature of Reporting Person

08/03/2016

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.