Mulroy Robert J. Form 5 February 13, 2013

February 13	3, 2013								
FORM	1 5						OMB AF	PROVAL	
UNITED STATES SECURITIES AND EXCHANGE COMMISSION Check this box if Washington, D.C. 20549								3235-0362	
Check the no longer			Expires:	January 31, 2005					
to Section Form 4 of 5 obligation may cont See Instru	r Form AN ions inue.		OWNE	RSHIP OF	HANGES IN BEN SECURITIES Securities Exchang		Estimated a burden hour response	verage	
1(b). Form 3 F Reported Form 4 Transacti Reported	Holdings Section 17	(a) of the	Public U	tility Holdin	ng Company Act of 19	f 1935 or Section	1		
1. Name and Address of Reporting Person * Mulroy Robert J.			Symbol	Name and Tion	cker or Trading	5. Relationship of Reporting Person(s) to Issuer			
			PHARI [MACI	MACEUTIO K]	CALS INC	(Check all applicable) _X Director 10% Owner _X Officer (give title Other (specify below) President and CEO			
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2012						
	CEUTICALS, IE KENDALL S	QUARE,	12/31/2	.012					
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Reporting (check applicable line)			
CAMBRID	OGE, MA 021	.39				_X_ Form Filed by 0 Form Filed by N Person			
(City)	(State)	(Zip)	Tab	le I - Non-Dei	rivative Securities Ac	quired, Disposed of	, or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year) Executio any	med n Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquire (A) or Disposed of (Instr. 3, 4 and 5) (A)		Ownership Form: Direct	7. Nature of Indirect Beneficial Ownership (Instr. 4)	

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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. Securitie (A) or Disp (Instr. 3, 4 a	osed o		5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock (4)	04/03/2012	Â	C4	142,850	A	\$ <u>(1)</u>	748,669	I	By Trust
Common Stock (4)	04/03/2012	Â	C4	17,142	A	\$ (2)	765,811	I	By Trust
	06/15/2012	Â	M	75,000	A		840,811	D	Â

Common \$
Stock (5) 2.19

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

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 control number.

SEC 2270 (9-02)

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 Underlying Securitie (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amour Numbe Shares
Series D Convertible Preferred Stock (3)	Â	Â	Â	3	Â	Â	(1)	(1)	Common Stock	142,8
Series G Convertible Preferred Stock (3)	Â	Â	Â	3	Â	Â	(2)	(2)	Common Stock	17,14
Series D Convertible Preferred Stock (4)	Â	04/03/2012	Â	C4	Â	142,850	(1)	(1)	Common Stock	142,8
Series G Convertible Preferred Stock (4)	Â	04/03/2012	Â	C4	Â	17,142	(2)	(2)	Common Stock	17,14

Reporting Owners

Reporting Owner Name / Address	Relationships						
4	Director	10% Owner	Officer	Other			
Mulroy Robert J. C/O MERRIMACK PHARMACEUTICALS, INC. ONE KENDALL SQUARE, SUITE B7201 CAMBRIDGE, MA 02139	ÂX	Â	President and CEO	Â			

Reporting Owners 2

Signatures

/s/ Jeffrey A. Munsie, 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) Each share of Series D Convertible Preferred Stock automatically converted into one share of Common Stock upon the closing of the issuer's initial public offering and had no expiration date.
- (2) Each share of Series G Convertible Preferred Stock automatically converted into one share of Common Stock upon the closing of the issuer's initial public offering and had no expiration date.
- (3) These shares are held by a family trust of which the reporting person is a trustee. Such shares were inadvertently omitted from the reporting person's Form 3 filed on February 1, 2012.
- (4) These shares are held by a family trust of which the reporting person is a trustee. This transaction was inadvertently omitted from the reporting person's Form 4 filed on April 5, 2012.
- (5) This transaction was initially reported on a Form 4 filed by the reporting person on June 19, 2012 and is being amended to correct the amount of securities beneficially owned following the reported transaction.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Signatures 3