Mulroy Robert J. Form 5 February 13, 2013

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Mulroy Robert J. Symbol **MERRIMACK** (Check all applicable) PHARMACEUTICALS INC [MACK] _X_ Director 10% Owner _X__ Officer (give title Other (specify (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended below) below) (Month/Day/Year) President and CEO 12/31/2012 C/O MERRIMACK PHARMACEUTICALS, INC., Â ONE KENDALL SQUARE, **SUITE B7201** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) CAMBRIDGE, Â MAÂ 02139 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

. •		Table 1 - Non-Derivative Securities Acquired, Disposed of, of Beneficiary 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. Securitie (A) or Disp (Instr. 3, 4 a)	osed o	of (D)	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	\$ <u>(2)</u>	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.

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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 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		

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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.

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