FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Washington, D.C. 20040	

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APP	ROVAL
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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

1. Name and Address of Reporting Person* EMANUELE ROBERT MARTIN					2. Issuer Name and Ticker or Trading Symbol Mast Therapeutics, Inc. [MSTX]								Check	all applica	able)) Perso	on(s) to Issu 10% Ov Other (s	/ner
(Last) 12390 El	`	rirst) REAL, SUITE	(Middle)		3. Date of Earliest Transaction (N 06/19/2014					ay/Year)			X	below)			below)	респу
(Street) SAN DII			92130 (Zip)		4. If Amendment, Date of Original Filed (Month/Day/Year)							. Indiv ine) X	lividual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
Date				2. Transact Date (Month/Day	Execution Date,			Code (Ir	Transaction Code (Instr. 3, 4 8)			str. 3, 4 ar	4 and 5) Securitie Beneficia Owned F Reported		s Form ally (D) o following (I) (Ir		: Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
								Code	٧	Amount	nount (A) or P		•	Transaction(s) (Instr. 3 and 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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date if any (Month/Day/Ye	Code	action (Instr.	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable an Expiration Date (Month/Day/Year)			7. Title and Amof Securities Underlying Derivative Secu (Instr. 3 and 4)		S	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction	e s Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
							(Instr. 4)	uii(s)										
Stock Option (Right to Buy)	\$0.65	06/19/2014		A		285,400		(1)	06	5/19/2024	Common Stock	285,40	00	\$0.00	285,40	00	D	

Explanation of Responses:

1. This option vests and becomes exercisable in 48 substantially equal monthly installments on each monthly anniversary of June 19, 2014, subject to the reporting person's continued service with the issuer.

Remarks:

/s/ R. Martin Emanuele

06/20/2014

** 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.

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.