

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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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* <u>BRUM LYNNE H</u> (Last) (First) (Middle) <u>C/O METABOLIX, INC.</u> <u>21 ERIE STREET</u> (Street) <u>CAMBRIDGE MA 02139</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>METABOLIX, INC. [MBLX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP Marketing and Corp Comm</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/19/2015</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/19/2015		P		14,570 ⁽¹⁾	A	\$3.32 ⁽¹⁾	16,236 ⁽²⁾	D	
Common Stock								12,401 ⁽²⁾⁽⁴⁾	D	
Common Stock								78,333 ⁽²⁾⁽⁵⁾	D	
Common Stock								5,150 ⁽²⁾	I	By 401(k) Plan ⁽³⁾

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Common Stock Warrants (right to buy)	\$3.98	06/18/2015		P		13,113 ⁽¹⁾		06/18/2015	06/18/2019	Common Stock	13,113	\$0.125	13,113	D	

Explanation of Responses:

- The reported securities are included in 14,570 units of Issuer securities (the "Units") purchased by the reporting person for \$3.4325 per Unit pursuant to a Securities Purchase Agreement, dated June 15, 2015 by and among the Issuer, the reporting person and certain other qualified institutional and individual investors. Each Unit consists of one share of the Issuer's Common Stock, par value \$0.01 per share ("Common Stock") and nine-tenths of a Common Stock warrant to purchase one share of Common Stock at an exercise price of \$3.98 per share (subject to adjustment in the event of stock splits, stock dividends, reclassifications and the like).
- The shares of Common Stock reported herein give effect to the 1-for-6 reverse stock split which became effective in accordance with the terms of the Certificate of Amendment to the Company's Amended and Restated Certificate of Incorporation filed with the Secretary of State of Delaware on May 26, 2015.
- Shares acquired as Company matching contributions under the Metabolix, Inc. 401(k) Plan.
- These securities are in the form of restricted stock units ("RSUs") issued pursuant to the Issuer's 2014 Stock Option and Incentive Plan. Each RSU represents a contingent right to receive one share of the Issuer's common stock. The RSUs will vest in their entirety on April 1, 2016. Except as provided in the reporting person's employment agreement, all RSUs that have not vested will automatically terminate upon the reporting person's termination of employment with the Issuer and its subsidiaries. Vesting of the RSUs is also subject to certain acceleration, continuation and termination provisions set forth in the reporting person's employment agreement.
- These securities are in the form of RSUs issued pursuant to the Issuer's 2014 Stock Option and Incentive Plan. Each RSU represents a contingent right to receive one share of the Issuer's common stock. The RSUs will vest in four (4) equal annual installments beginning on April 1, 2016. Except as otherwise provided in the reporting person's employment agreement, all RSUs that have not vested will automatically terminate upon the reporting person's termination of employment with the Issuer and its subsidiaries. Vesting of the RSUs is also subject to certain acceleration,

/s/ Sarah P. Cecil, attorney-in-
fact 06/23/2015

** 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.