

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Katragadda Aninda</u>			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>Dir. Fin. and Corp. Controller</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>09/27/2007</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
C/O METABOLIX, INC. 21 ERIE STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) CAMBRIDGE MA 02139								
(City) (State) (Zip)								

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	09/27/2007		M ⁽¹⁾		5,000	A	\$1.65	8,432	D	
Common Stock	09/27/2007		S ⁽¹⁾		5,000	D	\$24.1328 ⁽³⁾	3,432	D	
Common Stock	09/28/2007		M ⁽¹⁾		5,000	A	\$1.65	8,432	D	
Common Stock	09/28/2007		S ⁽¹⁾		5,000	D	\$25.5	3,432	D	
Common Stock								32,692	I	By Ram Gunabalan Irrevocable Trust ⁽²⁾

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
Stock Option (right to buy)	\$1.65	09/27/2007		M			5,000	(4)	09/20/2015	Common Stock	5,000	\$0	35,865	D	
Stock Option (right to buy)	\$1.65	09/28/2007		M			5,000	(4)	09/20/2015	Common Stock	5,000	\$0	30,865	D	

Explanation of Responses:

- Transaction effected pursuant to a Rule 10b5-1 trading plan established by the reporting person on September 13, 2007.
- The reporting person disclaims beneficial ownership except to the extent of her pecuniary interest, if any.
- Price reflected is the average sale price for the shares sold. Please see attached Exhibit 99 for a complete list of all sales by sale price.
- This option vests in equal quarterly installments over a 4-year period from 9/6/05.

/s/ Sarah P. Cecil, attorney-in-fact 10/01/2007

** 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.

Exhibit 99
to Form 4 for Aninda Katragadda

Transaction Date 9/27/07

Shares
Price

500
\$23.9000

500
\$23.7500

500
\$24.0250

500
\$24.0225

500
\$24.0700

500
\$24.2550

500
\$24.3050

500
\$24.3001

500
\$24.3501

500
\$24.3500