

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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>LASERSOHN JACK W</u>	2. Date of Event Requiring Statement (Month/Day/Year) 11/09/2006	3. Issuer Name and Ticker or Trading Symbol <u>METABOLIX, INC. [MBLX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>C/O METABOLIX, INC.</u> <u>21 ERIE STREET</u>	(Street) <u>CAMBRIDGE MA</u> <u>02139</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	
(City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	163,795	I	By Vertical Fund I, L.P. ⁽¹⁾
Common Stock	82,303	I	By Vertical Fund II, L.P. ⁽¹⁾

Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(2)	(2)	Common Stock	65,902	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series A Preferred Stock	(2)	(2)	Common Stock	66,098	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series B Preferred Stock	(2)	(2)	Common Stock	94,687	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series B Preferred Stock	(2)	(2)	Common Stock	104,313	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series C Preferred Stock	(2)	(2)	Common Stock	88,627	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series C Preferred Stock	(2)	(2)	Common Stock	128,373	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series D Preferred Stock	(2)	(2)	Common Stock	45,450	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series D Preferred Stock	(2)	(2)	Common Stock	56,550	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series F Preferred Stock	(2)	(2)	Common Stock	24,520	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series F Preferred Stock	(2)	(2)	Common Stock	12,480	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series G Preferred Stock	(2)	(2)	Common Stock	35,638	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾
Series G Preferred Stock	(2)	(2)	Common Stock	11,409	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series 04 Preferred Stock	(2)	(2)	Common Stock	537,861	(2)	I	By Vertical Fund I, L.P. ⁽¹⁾

**Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series 04 Preferred Stock	(2)	(2)	Common Stock	318,956	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Series 05 Preferred Stock	(2)	(2)	Common Stock	16,667	(2)	I	By Vertical Fund II, L.P. ⁽¹⁾
Warrant (right to buy)	(3)	04/12/2007	Common Stock	66,179	13.21	I	By Vertical Fund I, L.P. ⁽¹⁾
Warrant (right to buy)	(3)	04/12/2007	Common Stock	29,248	13.21	I	By Vertical Fund I, L.P. ⁽¹⁾
Warrant (right to buy)	(3)	04/12/2007	Common Stock	38,074	13.21	I	By Vertical Fund II, L.P. ⁽¹⁾
Warrant (right to buy)	(3)	04/12/2007	Common Stock	6,558	13.21	I	By Vertical Fund II, L.P. ⁽¹⁾

Explanation of Responses:

1. The reporting person is a general partner of The Vertical Group, L.P., the general partner of Vertical Fund I, L.P. and Vertical Fund II, L.P., and he disclaims beneficial ownership of the securities except to the extent of his indirect pecuniary interest therein. This report shall not be deemed an admission that the reporting person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.
2. The Issuer's preferred stock will automatically be converted into Common Stock on a .8173-for-1 basis upon the closing of the Issuer's initial public offering.
3. These warrants are fully vested and exercisable.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Sarah P. Cecil, attorney-in-
fact 11/08/2006

** 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 5 (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.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints James J. Barber, Thomas G. Auchincloss, Jr., Aninda Katragadda, Sarah Cecil, Christopher J. Denn, John M. Mutkoski, and Robert E. Puopolo and any one of them acting singly, the true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for the undersigned and in the undersigned's name, place and stead, in any and all capacities (until revoked in writing) to execute for and on behalf of the undersigned, in any and all of the undersigned's capacities, any and all statements on Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by Metabolix, Inc. (the "Company") in accordance with Sections 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder, and to file the same, with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Exchange Act or by the By-laws of the National Association of Securities Dealers, granting unto said attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite and necessary fully to all intents and purposes as the undersigned might or could do in person thereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of October 30, 2006.

Signature: /s/ Jack W. Lasersohn

Name: Jack W. Lasersohn