

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or
Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * KHARITONOV MICHAEL (Last) (First) (Middle) C/O 100 EUROPA DRIVE (Street) CHAPEL HILL, NC 27517 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 07/23/2013	3. Issuer Name and Ticker or Trading Symbol HEAT BIOLOGICS, INC. [HTBX]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date 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
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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)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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 control number.

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 of Derivative Security: 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			
Options	09/02/2010	09/01/2020	Common Stock	7,392 (1)	\$ 0.48	D	
Options	04/12/2011	04/11/2021	Common Stock	21,740 (2)	\$ 0.64	D	
Options	04/29/2013	04/29/2023	Common Stock	5,435 (3)	\$ 8.81	D	
Series 1 Preferred Stock	(4)	(4)	Common Stock	49,960	\$ (4)	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KHARITONOV MICHAEL C/O 100 EUROPA DRIVE CHAPEL HILL, NC 27517	X			

Signatures

/s/ Michael B. Kharitonov		07/23/2013
<small>**Signature of Reporting Person</small>		<small>Date</small>

Explanation of Responses:

* 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).

(1) Fully vested.

(2) This option is currently vested and exercisable as to 12,229 shares. 1,359 shares vest and become exercisable at the end of each quarter with the last options vesting on March 31, 2015.

(3) No options are currently vested and exercisable shares. 226 shares shall vest and become exercisable ratably over two years with the last options vesting on July 29, 2015.

(4) The Series 1 Preferred Stock automatically converts into shares of common stock to be issued upon consummation of the Company's initial public offering resulting in net proceeds of at least \$15 million.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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