

OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>KHARITONOV MICHAEL</u> (Last) (First) (Middle) <u>C/O 100 EUROPA DRIVE</u> (Street) <u>CHAPEL HILL NC 27517</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>07/23/2013</u>	3. Issuer Name and Ticker or Trading Symbol <u>HEAT BIOLOGICS, INC. [HTBX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. 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 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)
---------------------------------	---	--	---

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			
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	

Explanation of Responses:

- Fully vested.
- 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.
- 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.
- 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.

/s/ Michael B. Kharitonov 07/23/2013

** 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.