
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

SCHEDULE 13G

(Rule 13d-102)

**INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO
RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2**

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Heat Biologics, Inc.

(Name of Issuer)

Common Stock, par value \$0.0002 per share
(Title of Class of Securities)

42237K102
(CUSIP Number)

December 31, 2013
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

1	NAME OF REPORTING PERSONS FW Heat Investors, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 453,763
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 453,763
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 453,763	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 7.1%**	
12	TYPE OF REPORTING PERSON* PN	

* SEE INSTRUCTIONS BEFORE FILLING OUT

** SEE ITEM 4.

1	NAME OF REPORTING PERSONS	
	FW Heat Genpar, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER
		0
	6	SHARED VOTING POWER
		453,763
	7	SOLE DISPOSITIVE POWER
		0
	8	SHARED DISPOSITIVE POWER
		453,763
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	453,763	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
	7.1%**	
12	TYPE OF REPORTING PERSON*	
	OO	

* SEE INSTRUCTIONS BEFORE FILLING OUT

** SEE ITEM 4.

1	NAME OF REPORTING PERSONS Jay H. Hebert	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 453,763
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 453,763
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 453,763	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 7.1%**	
12	TYPE OF REPORTING PERSON* HC, IN	

* SEE INSTRUCTIONS BEFORE FILLING OUT

** SEE ITEM 4.

SCHEDULE 13G

This Schedule 13G (this "Schedule 13G") relates to shares of Common Stock, par value \$0.0002 ("Common Stock"), of Heat Biologics, Inc., a Delaware corporation (the "Issuer"), and is being filed on behalf of (i) FW Heat Investors, L.P. (the "Fund"), a Delaware limited partnership, (ii) FW Heat Genpar, LLC (the "General Partner"), a Delaware limited liability company, as the general partner to the Fund, and (iii) Jay H. Hebert, as the sole member of the General Partner ("Hebert" and, together with the Fund and the General Partner, the "Reporting Persons"). All 453,763 shares of Common Stock are held by the Fund.

Item 1(a) Name of Issuer.

Heat Biologics, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices.

100 Europa Drive
Chapel Hill, NC 27517

Item 2(a) Name of Person Filing.

- (1) FW Heat Investors, L.P.
- (2) FW Heat Genpar, LLC
- (3) Jay H. Hebert

Item 2(b) Address of Principal Business Office, or, if none, Residence.

For all Filers:
201 Main Street, Suite 3100
Fort Worth, Texas 76102

Item 2(c) Citizenship or Place of Organization.

- (1) FW Heat Investors, L.P. is a Delaware limited partnership.
- (2) FW Heat Genpar, LLC is a Delaware limited liability company.
- (3) Jay H. Hebert is a U.S. citizen.

Item 2(d) Title of Class of Securities.

Common Stock, par value \$0.0002 per share.

Item 2(e)	CUSIP Number. 42237K102
Item 3	Reporting Person. Not Applicable
Item 4	Ownership. (a) The Fund may be deemed the beneficial owner of 453,763 shares of Common Stock it holds. The General Partner and Hebert may be deemed the beneficial owner of 453,763 shares of Common Stock held by the Fund. (b) The Reporting Persons may be deemed the beneficial owners of 7.1% of the outstanding Common Shares. This percentage was determined by dividing 453,763 by 6,365,916, which is the number of shares of Common Stock issued and outstanding as of September 30, 2013, as reported in the Issuer's most recent Form 10-Q filed with the Securities and Exchange Commission on November 14, 2013. (c) The Fund has the sole power to vote and dispose of the 453,763 shares of Common Stock it holds directly. The General Partner and Hebert have the shared power to vote and dispose of the 453,763 shares of Common Stock held by the Fund.
Item 5	Ownership of Five Percent or Less of a Class. Inapplicable.
Item 6	Ownership of More Than Five Percent on Behalf of Another Person. Inapplicable
Item 7	Identification and Classification of the Subsidiary which Acquired the Security Being Reported On by the Parent Holding Company. Inapplicable.
Item 8	Identification and Classification of Members of the Group. Inapplicable.
Item 9	Notice of Dissolution of Group. Inapplicable.
Item 10	Certification. Inapplicable

Joint Filing Agreement among the Reporting Persons dated February 12, 2014.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2014

FW Heat Investors, L.P.

By: FW Heat Genpar, LLC, its general partner

By: /s/ Jay H. Hebert

JAY H. HEBERT, Sole Member

FW Heat Genpar, LLC

By: /s/ Jay H. Hebert

JAY H. HEBERT, Sole Member

/s/ Jay H. Hebert

Jay H. Hebert

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock of Heat Biologics, Inc., and further agree that this Joint Filing Agreement shall be included as an Exhibit to such joint filings.

The undersigned further agree that each party hereto is responsible for the timely filing of such Statement on Schedule 13G and any amendments thereto, and for the accuracy and completeness of the information concerning such party contained therein; provided, however, that no party is responsible for the accuracy or completeness of the information concerning any other party, unless such party knows or has reason to believe that such information is inaccurate.

This Joint Filing Agreement may be signed in counterparts with the same effect as if the signature on each counterpart were upon the same instrument.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 12, 2014.

FW Heat Investors, L.P.

By: FW Heat Genpar, LLC, its general partner

By: /s/ Jay H. Hebert
JAY H. HEBERT, Sole Member

FW Heat Genpar, LLC

By: /s/ Jay H. Hebert
JAY H. HEBERT, Sole Member

/s/ Jay H. Hebert
Jay H. Hebert