FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL												
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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

1. Name and Address of Reporting Person* LOPACH MICHAEL A						2. Issuer Name and Ticker or Trading Symbol Bacterin International Holdings, Inc. [BONE]									ck all appli Directo	cable) or	g Per	son(s) to Iss	vner
l						3. Date of Earliest Transaction (Month/Day/Year) 11/10/2014									Officer below)	(give title		Other (s below)	specify
(Street) BELGRA	BELGRADE MT 59714			4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								Line)	ndividual or Joint/Group Filing (Check Applicable e) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da						Execution Date,			Code (I	Transaction Code (Instr. 8) Disposed Of (D) (5)			str. 3, 4		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
								Code	v —	Amount	(D) P		ice	(Instr. 3					
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 E if any (Month/Day	Date,	4. Transactio Code (Inst 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4)		E	B. Price of Derivative Gecurity Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	у	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)
					Code	v	(A)	(D)	Date Exercisabl		xpiration ate	Title	Amou or Numl of Share	ber					
Restricted Stock Unit	(1)	11/10/2014			A		9,828		(2)	T	(2)	Common Stock	9,82	28	\$0	9,828		D	

Explanation of Responses:

- 1. Each restricted stock unit represents the contingent right to receive one share of Bacterin common stock.
- 2. The restricted stock units vest on July 1, 2015.

<u>/s/ Michael Lopach</u> <u>11/11/2014</u>

** Signature of Reporting Person D

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.

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