

Bacterin International Holdings, Inc.  
 Form 4  
 December 26, 2013

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2015  
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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).

**STATEMENT OF CHANGES IN 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 \*  
**COOK GUY S**

2. Issuer Name and Ticker or Trading Symbol  
**Bacterin International Holdings, Inc. [BONE]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**600 CRUISER LANE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**12/24/2013**

\_\_\_\_ Director  10% Owner  
 \_\_\_\_ Officer (give title below) \_\_\_\_ Other (specify below)

**BELGRADE, MT 59714**  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
				Code V	Amount		
Common Stock	12/24/2013		S	100,000 D	\$ 0.44	1,700,000	I By Trust
Common Stock	12/24/2013		S	100,000 D	\$ 0.44	1,800,000	I By Trust
Common Stock	12/24/2013		S	100,000 D	\$ 0.44	1,800,000	I By Trust
Common Stock						4,937,729	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

