

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No 4 - FINAL)\*

BioSante Pharmaceuticals, Inc.  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

09065V-20-3  
(CUSIP Number)

Check the following box if a fee is being paid with this statement  
. (A fee is not required only if the filing person: (1) has  
a previous statement on file reporting beneficial ownership of more  
than five percent of the class of securities described in Item 1  
and (2) has filed no amendment subsequent thereto reporting  
beneficial ownership of five percent or less of such class.)  
(See Rule 13d-7).

\*The remainder of this cover page shall be filled out for a  
reporting person's initial filing on this form with respect to  
the subject class of securities, and for any subsequent amendment  
containing information which would alter the disclosures provided  
in a prior cover page.

The information required in the remainder of this cover page shall  
not be deemed to be "filed" for the purpose of Section 18 of the  
Securities Exchange Act of 1934 ("Act") or otherwise subject to the  
liabilities of that section of the Act but shall be subject to all  
other provisions of the Act (however, see the Notes).

1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
Harris William Investors (William Harris Investors, Inc.)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a)   
(b)

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  
480,000 (assumes exercise of 180,000 warrants into common stock 1:1)

6 SHARED VOTING POWER  
107,000 (assumes exercise of 82,000 warrants into common stock 1:1)

7 SOLE DISPOSITIVE POWER  
587,000 (assumes exercise of 262,000 warrants into common stock 1:1)

8 SHARED DISPOSITIVE POWER  
42,764

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
629,764 (assumes exercise of 262,000 warrants into common stock on 1:1 basis)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES\*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
2.71% (assumes exercise of 262,000 warrants into common stock on 1:1 basis)

12 TYPE OF REPORTING PERSON\*  
IA

\*SEE INSTRUCTION BEFORE FILLING OUT!

Schedule 13G  
Under the Securities Exchange Act of 1934  
Amendment No 4 - FINAL  
Item 1(a) Name of Issuer:  
BioSante Pharmaceuticals, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:  
111 Barclay Blvd, Suite 280  
Lincolnshire, IL 60069

Item 2(a) Name of Person Filing:  
William Harris Investors, Inc. (WHI)

Item 2(b) Address of Principal Business Office:  
191 North Wacker Drive, Suite 1500  
Chicago, IL 60606

Item 2(c) Citizenship:  
The filing entity is a Delaware corporation

Item 2(d) Title of Class of Securities:  
Common Stock

Item 2(e) CUSIP Number:  
09065V-20-3

Item 3 Type of Person:  
(e)[X] Investment Adviser registered under Section 203 of the  
Investment Adviser Act of 1940

Item 4 Ownership at March 31, 2007:

(a) Amount beneficially owned:  
629,764 (assumes exercise of 262,000 warrants into common stock 1:1)

(b) Percent of class:  
2.71% (assumes exercise of 262,000 warrants into common stock on 1:1 basis)

Number of shares as to which the filing person has:

(i) Sole power to vote or to direct the vote:  
480,000 (assumes exercise of 180,000 warrants into common stock 1:1)

(ii) Shared power to vote or to direct the vote:  
107,000 (assumes exercise of 82,000 warrants into common stock 1:1)

(iii) Sole power to dispose or to direct the disposition of:  
587,000 (assumes exercise of 262,000 warrants into common stock 1:1)

(iv) Shared power to dispose or to direct the disposition of:  
42,764

Item 5 Ownership of Five Percent or Less of a Class:  
WHI ceases to be a 13G filer with this filing, as ownership  
has dropped to less than 5%.

Item 6 Ownership of More than Five Percent on Behalf of Another  
Person:  
Not applicable

Item 7 Identification and Classification of the Subsidiary  
Which Acquired the Security Being Reported on by the Parent  
Holding Company:  
Not applicable

Item 8 Identification and Classification of Members of the Group:  
Not applicable

Item 9 Notice of Dissolution of Group:  
Not applicable

Item 10 Certification:  
By signing below I certify that, to the best of my knowledge  
and belief, the securities referred to above were acquired in  
the ordinary course of business and were not acquired for the  
purpose of and do not have the effect of changing or influencing  
the control of the issuer of such securities and were not acquired  
in connection with or as a participant in any transaction having  
such purpose or effect.

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: April 16, 2007

Signature: /s/ Gary Neumayer

Name/Title: Gary Neumayer, Treasurer and Chief Compliance Officer