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

FORM 8-K

Current Report
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported):
August 12, 2010

BIOSANTE PHARMACEUTICALS, INC.
(Exact name of registrant as specified in its charter)

Delaware	**001-31812**	**58-2301143**
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification Number)

111 Barclay Boulevard **Lincolnshire, Illinois**	**60069**
(Address of Principal Executive Offices)	(Zip Code)

(847) 478-0500
(Registrant's Telephone Number, Including Area Code)

N/A
(Former Name or Former Address, If Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Section 2 – Financial Information

Item 2.02. Results of Operations and Financial Condition.

On August 12, 2010, BioSante Pharmaceuticals, Inc. publicly announced its financial results for the second quarter ended June 30, 2010. For further information, please refer to the news release attached hereto as Exhibit 99.1, which is incorporated by reference herein.

The information contained in this Item 2.02 and Exhibit 99.1 hereto shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liability of that section, and shall not be incorporated by reference into any filings made by BioSante Pharmaceuticals, Inc. under the Securities Act of 1933, as amended, or the Exchange Act, except as may be expressly set forth by specific reference in such filing.

Section 9 – Financial Statements and Exhibits

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits*.

Exhibit No.	**Description**
99.1	News Release issued August 12, 2010

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BIOSANTE PHARMACEUTICALS, INC.

By: /s/ Phillip B. Donenberg
Phillip B. Donenberg
Chief Financial Officer, Treasurer and Secretary

Dated: August 12, 2010

BIOSANTE PHARMACEUTICALS, INC.

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Exhibit No.	Description	Method of Filing
99.1	News Release issued August 12, 2010	Furnished herewith

Exhibit 99.1

BioSante Pharmaceuticals, Inc.
111 Barclay Boulevard
Lincolnshire, Illinois 60069
www.biosantepharma.com

FOR IMMEDIATE RELEASE **NASDAQ: BPAX**

BioSante Pharmaceuticals Reports Second Quarter 2010 Financial Results

LINCOLNSHIRE, Illinois - (August 12, 2010) — BioSante Pharmaceuticals, Inc. (NASDAQ: BPAX) today announced its financial results for the second quarter of 2010.

The Company's cash and cash equivalents as of June 30, 2010 were approximately $46.4 million. BioSante incurred a net loss of approximately $10.8 million or ($0.17) per share for the quarter ended June 30, 2010, compared to a net loss of $4.6 million or ($0.17) per share for the same period in 2009. This increase in net loss was primarily a result of the expanded recruitment and conduct of the LibiGel® Phase III clinical development program. As a result of this focus on LibiGel development and the Company's planned acceleration of the LibiGel program, research and development expenses increased to $8.7 million and $18.1 million for the three and six month periods ended June 30, 2010 from $3.5 million and $6.6 million for the three and six month periods ended June 30, 2009.

"With more than $46 million in cash, we are aggressively recruiting, screening and enrolling new subjects in all three LibiGel Phase III clinical studies," stated Stephen M. Simes, president and chief executive officer of BioSante. "More than 2,000 women have been enrolled in the LibiGel cardiovascular and breast cancer safety study, and we expect to enroll our 2,500th subject early in the fourth quarter of this year. That important event will trigger the first statistical analysis by the independent DMC (data monitoring committee) to determine whether enrollment in the safety study is sufficient and complete, or if additional subjects must continue to be enrolled in order to demonstrate statistically the relative safety of LibiGel. The maximum number of subjects as per protocol is 4,000 women. We continue to target the submission of the LibiGel NDA (New Drug Application) by late 2011."

About BioSante Pharmaceuticals, Inc.
BioSante is a specialty pharmaceutical company focused on developing products for female sexual health and oncology. BioSante's lead products include LibiGel® (transdermal testosterone gel) for the treatment of female sexual dysfunction (FSD) which is in Phase III clinical development under a U.S. Food and Drug Administration (FDA) Special Protocol Assessment, and Elestrin™ (estradiol gel) for the treatment of moderate-to-severe vasomotor symptoms associated with menopause, which is marketed in the U.S. by Azur Pharma, BioSante's licensee. BioSante also is developing a portfolio of cancer vaccines (GVAX), three of which have been granted orphan drug designation, and are currently in several Phase II clinical trials. Other products in development are Bio-T-Gel™, a testosterone gel for male hypogonadism, licensed to Teva Pharmaceuticals and an oral contraceptive in Phase II clinical development using BioSante patented technology. The company also is developing its calcium phosphate technology (CaP) for aesthetic medicine (BioLook™), among other uses, as well as seeking opportunities for its 2A/Furin and other technologies. Additional information is available online at: www.biosantepharma.com.

Forward-Looking Statements
To the extent any statements made in this news release deal with information that is not historical, these are forward-looking statements under the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements about BioSante's plans, objectives, expectations and intentions with respect to future operations and products, the timing of anticipated regulatory submissions and other statements identified by words

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such as "will," "potential," "could," "can," "believe," "intends," "continue," "plans," "expects," "anticipates," "estimates," "may," other words of similar meaning or the use of future dates. Forward-looking statements by their nature address matters that are, to different degrees, uncertain. Uncertainties and risks may cause BioSante's actual results to be materially different than those expressed in or implied by BioSante's forward-looking statements. For BioSante, particular uncertainties and risks include, among others, the difficulty of developing pharmaceutical products, obtaining regulatory and other approvals and achieving market acceptance; the marketing success of BioSante's licensees or sublicensees; the success of clinical testing; and BioSante's need for and ability to obtain additional financing. More detailed information on these and additional factors that could affect BioSante's actual results are described in BioSante's filings with the Securities and Exchange Commission, including its most recent annual report on Form 10-K and subsequent quarterly reports on Form 10-Q. All forward-looking statements in this news release speak only as of the date of this news release. BioSante undertakes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

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