

Section 1 Registrant's Business and Operations

Item 1.01 Entry into a Material Definitive Agreement

On January 4, 2005, BioSante Pharmaceuticals, Inc. entered into a Second Amendment to the Lease with LaSalle Bank National Association, as successor trustee to American National Bank and Trust Company of Chicago effective as of January 4, 2005. The Second Amendment amends the Lease, dated as of December 19, 2003, as amended, between BioSante and LaSalle Bank National Association. The Amendment is filed as Exhibit 10.1 to this report and is incorporated herein by this reference.

The Amendment, among other things, extends the term of the Lease, as amended, from March 21, 2005 to March 31, 2006. The annual base rent remains the same at approximately \$88,400.

Section 9 Financial Statements and Exhibits

Item 9.01 Financial Statements and Exhibits

(c) Exhibits. The following exhibit is filed herewith:

| Exhibit No. | Description |
|--------------------|--|
| 10.1 | Second Amendment to Lease dated as of January 4, 2005, by and between BioSante Pharmaceuticals, Inc. and LaSalle Bank National Association, as successor trustee to American National Bank and Trust Company of Chicago. |

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
Chief Financial Officer, Treasurer and Secretary

Dated: January 6, 2005

BIOSANTE PHARMACEUTICALS, INC.
FORM 8-K
EXHIBIT INDEX

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