

BIOSANTE PHARMACEUTICALS INC

Form POS AM

February 06, 2004

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As filed with the Securities and Exchange Commission on February 6, 2004

Registration No. 333-64218

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

**POST-EFFECTIVE AMENDMENT NO. 3**  
**ON**

**FORM S-3**  
**TO**  
**FORM SB-2/A**

**REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

**BIOSANTE PHARMACEUTICALS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**58-2301143**  
(I.R.S. Employer  
Identification Number)

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**111 Barclay Boulevard**  
**Lincolnshire, Illinois 60069**  
**Telephone No.: (847) 478-0500**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

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**Phillip B. Donenberg**  
**Chief Financial Officer, Treasurer and Secretary**  
**BioSante Pharmaceuticals, Inc.**  
**111 Barclay Boulevard**  
**Lincolnshire, Illinois 60069**  
**Telephone No.: (847) 478-0500**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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**Copy to:**  
**Amy E. Culbert, Esq.**  
**Oppenheimer Wolff & Donnelly LLP**  
**45 South Seventh Street, Suite 3300**  
**Minneapolis, Minnesota 55402**  
**(612) 607-7287**

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Approximate date of commencement of proposed sale to the public:  
**From time to time after this registration statement becomes effective.**

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or reinvestment plans, check the following box:

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If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. o

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. o

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. o

**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Commission, acting pursuant to Section 8(a), may determine.**

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**The information in this prospectus is not complete and may be changed. We may not sell these securities until the Securities and Exchange Commission declares our registration statement effective. This prospectus is not an offer to sell these securities and is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.**

Subject to Completion, dated February 6, 2004

**PROSPECTUS**

**9,542,221 Shares**

**Common Stock**

Selling stockholders of BioSante Pharmaceuticals, Inc. are offering 9,542,221 shares of common stock. These shares may be offered from time to time by the selling stockholders through public or private transactions, on or off the American Stock Exchange, at prevailing market prices or at privately negotiated prices. BioSante will not receive any proceeds from the sale of shares offered by the selling stockholders.

The shares of common stock offered will be sold as described under the heading **Plan of Distribution**, beginning on page 22.

Our common stock is listed on the American Stock Exchange under the symbol **BPA**. On February 5, 2004, the last sale price of our common stock on the American Stock Exchange was \$ \_\_\_\_\_ per share.

**The common stock offered involves a high degree of risk. We refer you to **Risk Factors**, beginning on page 8.**

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is \_\_\_\_\_, 2004

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Consent of Deloitte & Touche LLP

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*In this prospectus, references to BioSante, the company, we, our or us, unless the context otherwise requires, refer to BioSante Pharmaceuticals, Inc.*

*We own or have the rights to use various trademarks, trade names or service marks, including BioSante®, BioVant , NanoVant , CAP-Oral , BioAir , Bio-T-Gel , Bio-E-Gel , Bio-E/P-Gel , LibiGel and LibiGel-E/T .*

*On May 31, 2002, we effected a one-for-ten reverse split of our issued and outstanding shares of common stock and class C stock. All share and per share numbers in this prospectus have been adjusted to reflect the reverse stock split.*

You should rely only on the information contained in this prospectus. We have not authorized any other person to provide you with different information. This prospectus may only be used where it is legal to sell these securities. The information in this prospectus is accurate as of the date on the front cover. You should not assume that the information contained in this prospectus is accurate as of any other date.

This prospectus does not constitute an offer to sell, or a solicitation of an offer to purchase, the securities offered by this prospectus or the solicitation of a proxy, in any jurisdiction to or from any person to whom or from whom it is unlawful to make an offer, solicitation of an offer or proxy solicitation in that jurisdiction.

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**WHERE YOU CAN FIND MORE INFORMATION**

We file reports, proxy statements and other information with the Securities and Exchange Commission. Copies of our reports, proxy statements and other information may be inspected and copied at the following public reference facility maintained by the SEC:

Judiciary Plaza  
450 Fifth Street, N.W.  
Washington, D.C. 20549

Copies of these materials also can be obtained by mail at prescribed rates from the Public Reference Section of the SEC, 450 Fifth Street, N.W., Washington, D.C. 20549 or by calling the SEC at 1-800-SEC-0330. The SEC maintains a web site that contains reports, proxy statements and other information regarding us. The address of the SEC web site is <http://www.sec.gov>.

Our common stock is listed on the American Stock Exchange. Reports and other information concerning BioSante may also be inspected at the offices of the American Stock Exchange, 86 Trinity Place, Seventh Floor, New York, NY 10006 or on the American Stock Exchange website at <http://www.amex.com>.

We also file annual audited and interim unaudited financial statements, proxy statements and other information with the Ontario, Alberta and British Columbia Securities Commissions. Copies of these documents that are filed through the System for Electronic Document Analysis and Retrieval (SEDAR) of the Canadian Securities Administrators are available at its web site <http://www.sedar.com>.

In addition, we maintain a web site that contains information regarding our company, including copies of reports, proxy statements and other information we file with the SEC. The address of our web site is [www.biosantepharm.com](http://www.biosantepharm.com). Our web site, and the information contained on that site, or connected to that site, are not intended to be part of this prospectus.

We have filed a registration statement on Form S-3 with the SEC for the common stock offered by the selling stockholders under this prospectus. This prospectus does not include all of the information contained in the registration statement. You should refer to the registration statement and its exhibits for additional information that is not contained in this prospectus. Whenever we make reference in this prospectus to any of our contracts, agreements or other documents, you should refer to the exhibits attached to the registration statement for copies of the actual contract, agreement or other document.

**INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE**

The SEC allows us to incorporate by reference into this prospectus the information contained in the documents we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and later information that we file with the SEC will update and supersede this information. We are incorporating by reference the following documents:

our Annual Report on Form 10-KSB for the year ended December 31, 2002;

our Quarterly Reports on Form 10-QSB for the quarters ended March 31, 2003, June 30, 2003 and September 30, 2003;

our Current Reports on Form 8-K filed on August 6, 2003, September 19, 2003 and September 25, 2003; and

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the description of our common stock contained in our registration statement on Form 8-A and any amendments or reports filed for the purpose of updating such description.

We are also incorporating by reference any future filings we make with the SEC under Sections 13(a), 13(c), 14, or 15(d) of the Securities Exchange Act of 1934 until this distribution is completed.

You may request of copy of these filings, at no cost, by writing to Phillip B. Donenberg, Chief Financial Officer, BioSante Pharmaceuticals, Inc., 111 Barclay Boulevard, Lincolnshire, Illinois 60069 or by telephone at (847) 478-0500 ext. 101.



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**CAUTIONARY STATEMENT CONCERNING  
FORWARD-LOOKING STATEMENTS**

This prospectus, including the documents that we incorporate by reference, contains forward-looking statements concerning our financial condition, results of operations and business, including, without limitation, statements pertaining to:

our substantial and continuing losses;

our spending capital on research and development programs, pre-clinical studies and clinical trials, regulatory processes, establishment of marketing capabilities and licensure or acquisition of new products;

our existing cash and whether and how long these funds will be sufficient to fund our operations; and

our raising of additional capital through future equity financings.

Generally, you can identify these statements because they use phrases like anticipates, believes, expects, future, intends, plans, and similar. These statements are only predictions. Although we do not make forward-looking statements unless we believe we have a reasonable basis for doing so, we cannot guarantee their accuracy, and actual results may differ materially from those we anticipated due to a number of uncertainties, many of which are unforeseen. You should not place undue reliance on these forward-looking statements, which apply only as of the date such statements are made. Our actual results could differ materially from those anticipated in these forward-looking statements for many reasons, including, among others, the risks we face, as described in the section entitled Risk Factors and in documents we incorporate into this prospectus by reference.

We believe it is important to communicate our expectations to our investors. There may be events in the future, however, that we are unable to predict accurately or over which we have no control. The risk factors listed in the section entitled Risk Factors, as well as any cautionary language in this prospectus and in documents we incorporate into this prospectus by reference, provide examples of risks, uncertainties and events that may cause our actual results to differ materially from the expectations we describe in our forward-looking statements. Before you invest in our common stock, you should be aware that the occurrence of the events described in the section entitled Risk Factors and in documents we incorporate into this prospectus by reference could negatively impact our business, operating results, financial condition and stock price.

We are not obligated to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except as otherwise required by law. In light of these risks, uncertainties and assumptions, the forward-looking events discussed in this prospectus and in documents we incorporate into this prospectus by reference and other statements made from time to time from us or our representatives, might not occur. For these statements, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995.

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**SUMMARY**

**Our Company**

We are a development stage biopharmaceutical company that is developing a pipeline of hormone therapy products to treat men and women. We also are engaged in the development of our proprietary calcium phosphate, nanoparticulate-based platform technology, or CAP, for vaccine adjuvants or immune system boosters, drug delivery systems and the purification of the milk of transgenic animals.

Our hormone therapy products, most of which we license on an exclusive basis from Antares Pharma, Inc., address a variety of hormone therapies for symptoms that affect both men and women. Symptoms addressed by these hormone therapies include impotence, lack of sex drive, muscle weakness and osteoporosis in men and menopausal symptoms in women including hot flashes, vaginal atrophy, decreased libido and osteoporosis.

The products we in-license from Antares Pharma, Inc. are gel formulations of testosterone (the natural male hormone), estradiol (the natural female hormone), combinations of estradiol and testosterone and estradiol and progestogen (another female hormone). The gels are designed to be quickly absorbed through the skin after application on the arms, shoulders, abdomen or thighs, delivering the required hormone to the bloodstream evenly and in a non-invasive, painless manner. The gels are formulated to be applied once per day and to be absorbed into the skin without a trace of residue.

**Our Products**

The following is a list of our hormone therapy gel products in development:

Bio-T-Gel once daily transdermal bioidentical testosterone gel in clinical development for treatment of hypogonadism, or testosterone deficiency, in men.

Bio-E-Gel once daily transdermal bioidentical estrogen gel in clinical development for treatment of menopausal symptoms in women.

LibiGel once daily transdermal bioidentical testosterone gel in clinical development for treatment of female sexual dysfunction (FSD).

Bio-E/P-Gel once daily transdermal combination gel of bioidentical estrogen and a progestogen in clinical development for treatment of menopausal symptoms in women.

LibiGel-E/T once daily transdermal combination gel of bioidentical estrogen and bioidentical testosterone in development for treatment of FSD in menopausal women.

Our CAP technology, a portion of which we license on an exclusive basis from the University of California, is based on the use of extremely small, solid, uniform particles, which we call nanoparticles, as adjuvants or immune system boosters, for drug delivery and to purify the milk of transgenic animals. We have identified three potential initial applications for our CAP technology:

the creation of improved versions of current vaccines and of new vaccines by the adjuvant activity of our proprietary nanoparticles that enhance the ability of a vaccine to stimulate an immune response;

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the creation of oral and inhaled forms of drugs that currently must be given by injection (*e.g.*, insulin); and

the purification of the milk of transgenic animals, in which protein pharmaceuticals are grown.

The following is a list of our CAP products in development:

**BioVant** proprietary CAP adjuvant technology in development for improved versions of current vaccines and new vaccines against cancer, viral and bacterial infections and autoimmune diseases, among others.

**CAP-Oral** a delivery system using proprietary CAP technology for oral administration of proteins and other therapies that currently must be injected.

**BioAir** proprietary technology using CAP as a delivery system for inhalable versions of proteins and other therapies that currently must be injected.

**CAP biotechnology production** use of CAP technology in a new patented process for extracting therapeutic proteins from the milk of transgenic animals.

**Our Growth Strategy**

To enhance the value of our company, we are pursuing the following corporate growth strategies:

pursuing the development of our hormone therapy products;

continuing to develop our nanoparticle-based platform technology, or CAP, and seeking assistance in such development through corporate partner sub-licenses;

implementing business collaborations or joint ventures with other pharmaceutical and biotechnology companies; and

licensing or otherwise acquiring other drugs that will add value to our current product portfolio.

**Other Information About Our Company**

Our company, which was initially formed as a corporation organized under the laws of the Province of Ontario on August 29, 1996, was continued as a corporation under the laws of the State of Wyoming on December 19, 1996 and was reincorporated under the laws of the State of Delaware on June 26, 2001.

Our principal executive offices are located at 111 Barclay Boulevard, Suite 280, Lincolnshire, Illinois 60069, and our telephone number is (847) 478-0500. Our web site is located at [www.biosantepharma.com](http://www.biosantepharma.com). Our web site, and the information contained on that site, or connected to that site, are not intended to be part of this prospectus.

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**RISK FACTORS**

*This offering involves a high degree of risk. You should carefully consider the risks and uncertainties described below in addition to the other information contained in this prospectus, or incorporated into this prospectus by reference, including the section entitled "Cautionary Statement Concerning Forward-Looking Statements," before deciding whether to invest in shares of our common stock. If any of the following risks actually occur, our business, financial condition or operating results could be harmed. In that case, the trading price of our common stock could decline, and you may lose part or all of your investment. The risks and uncertainties described below are not the only ones facing BioSante. Additional risks and uncertainties not currently known to us or that we currently deem immaterial may also impair our business operations and adversely affect the market price of our common stock.*

**Risks Relating to Our Company**

*We have a history of operating losses, expect continuing losses and may never achieve profitability.*

We have incurred losses in each year since our amalgamation in 1996 and expect to incur substantial and continuing losses for the foreseeable future. We incurred a net loss of \$3,810,690 for the year ended December 31, 2002, and as of December 31, 2002, our accumulated deficit was 22,061,723. We incurred a net loss of \$4,299,686 for the nine months ended September 30, 2003, and as of September 30, 2003, our accumulated deficit was \$26,361,409.

All of our revenue to date has been derived from interest earned on invested funds and up-front and milestone payments earned on licensing and sub-licensing transactions. We have not commercially introduced any products. We expect to incur substantial and continuing losses for the foreseeable future as our own product development programs expand and various preclinical and clinical trials commence and continue. The amount of these losses may vary significantly from year-to-year and quarter-to-quarter and will depend on, among other factors:

- the timing and cost of product development;
- the progress and cost of preclinical and clinical development programs;
- the costs of licensure or acquisition of new products;
- the timing and cost of obtaining necessary regulatory approvals; and
- the timing and cost of obtaining third party reimbursement.

In order to generate revenues, we must successfully develop and commercialize our own proposed products or products in the late-stage human clinical development phase or already on the market that we may in-license or otherwise acquire, or enter into collaborative agreements with others who can successfully develop and commercialize them. Even if our proposed products and the products we may license or otherwise acquire are commercially introduced, they may never achieve market acceptance and we may never generate revenues or achieve profitability.

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*We will need to raise substantial additional capital in the future to fund our operations and we may be unable to raise such funds when needed and on acceptable terms.*

We currently do not have sufficient resources to complete the commercialization of any of our proposed products. Therefore, we will need to raise substantial additional capital to fund our operations sometime in the future. We cannot be certain that any financing will be available when needed. If we fail to raise additional financing as we need it, we may have to delay or terminate our product development programs or pass on opportunities to in-license or otherwise acquire new products that we believe may be beneficial to our business.

Our cash on hand as of September 30, 2003 was \$10,396,015. We believe this cash will be sufficient to fund our operations through December 2004. We have based this estimate on assumptions that may prove to be wrong. As a result, we may need to obtain additional financing prior to that time. In addition, we may need to raise additional capital at an earlier time to fund our ongoing research and development activities, acquire new products or take advantage of other unanticipated opportunities. Any additional equity financings may be dilutive to our existing stockholders and involve the issuance of securities that may have rights, preferences or privileges senior to those possessed by our current stockholders. A debt financing, if available, may involve restrictive covenants on our business which could limit our operational and financial flexibility, and the amount of debt incurred could make us more vulnerable to economic downturns and limit our ability to compete. We cannot be certain that any financing will be available when needed or will be on terms acceptable to us. In addition, insufficient funds may require us to delay, scale back or eliminate some or all of our programs designed to facilitate the commercial introduction of our proposed products, prevent commercial introduction of our products altogether or restrict us from acquiring new products that we believe may be beneficial to our business.

*We are a development stage company, making it difficult for you to evaluate our business and your investment.*

We are in the development stage and our operations and the development of our proposed products are subject to all of the risks inherent in the establishment of a new business enterprise, including:

- the absence of an operating history;
- the lack of commercialized products;
- insufficient capital;
- expected substantial and continual losses for the foreseeable future;
- limited experience in dealing with regulatory issues;
- the lack of manufacturing experience and limited marketing experience;
- an expected reliance on third parties for the development and commercialization of some of our proposed products;
- a competitive environment characterized by numerous, well-established and well-capitalized competitors; and
- reliance on key personnel.

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Because we are subject to these risks, you may have a difficult time evaluating our business and your investment in our company.

***Our proposed products are in the research and development stages and will likely not be commercially introduced for several years, if at all.***

Our proposed products are in the research and development stages and will require further research and development, preclinical and clinical testing and investment prior to commercialization in the United States and abroad. We cannot assure you that any of our proposed products will:

be successfully developed;

prove to be safe and efficacious in clinical trials;

meet applicable regulatory standards;

demonstrate substantial protective or therapeutic benefits in the prevention or treatment of any disease;

be capable of being produced in commercial quantities at reasonable costs; or

be successfully marketed.

***Uncertainties associated with the impact of published studies regarding the adverse health effects of certain forms of hormone therapy could adversely affect the trading price of our shares.***

In July 2002, the National Institutes of Health released data from its Women's Health Initiative study on the risks and benefits associated with long-term use of oral hormone therapy by healthy women. The National Institutes of Health announced that it was discontinuing the arm of the study investigating the use of oral estrogen/progestin combination hormone therapy products after an average follow-up period of 5.2 years because the product used in the study was shown to cause an increase in the risk of invasive breast cancer. The study also found an increased risk of stroke, heart attacks and blood clots and concluded that overall health risks exceeded benefits from use of combined estrogen plus progestin for an average of 5.2 year follow-up among healthy postmenopausal women. Also in July 2002, results of an observational study sponsored by the National Cancer Institute on the effects of estrogen therapy were announced. The main finding of the study was that postmenopausal women who used estrogen therapy for 10 or more years had a higher risk of developing ovarian cancer than women who never used hormone therapy. In October 2002, a significant hormone therapy study being conducted in the United Kingdom was also halted. Our proposed hormone therapy products differ from the products used in the Women's Health Initiative study and the primary products observed in the National Cancer Institute and United Kingdom studies. There are, however, no studies comparing the safety of our proposed hormone therapy products against other hormone therapies.

***If we fail to obtain regulatory approval to commercially manufacture or sell any of our future products, or if approval is delayed, we will be unable to generate revenue from the sale of our products.***

We must obtain regulatory approval to sell any of our products in the United States and abroad. In the United States, we must obtain the approval of the FDA for each product or drug that we intend to commercialize. The FDA approval process is typically lengthy and expensive, and approval is never certain. Products to be commercialized abroad are subject to similar foreign government regulation.

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Generally, only a very small percentage of newly discovered pharmaceutical products that enter preclinical development are approved for sale. Because of the risks and uncertainties in biopharmaceutical development, our proposed products could take a significantly longer time to gain regulatory approval than we expect or may never gain approval. If regulatory approval is delayed or never obtained, our management's credibility, the value of our company and our operating results and liquidity would be adversely affected.

***To obtain regulatory approval to market our products, costly and lengthy preclinical studies and clinical trials will be required, and the results of the studies and trials are highly uncertain.***

As part of the FDA approval process, we must conduct preclinical studies on animals and clinical trials on humans on each of our proposed products. We expect the number of preclinical studies and clinical trials that the FDA will require will vary depending on the product, the disease or condition the product is being developed to address and regulations applicable to the particular product. We may need to perform multiple preclinical studies using various doses and formulations before we can begin clinical trials, which could result in delays in our ability to obtain any regulatory approvals or to market any of our products. Furthermore, even if we obtain favorable results in preclinical studies on animals, the results in humans may be different.

After we have conducted preclinical studies in animals, we must demonstrate that our products are safe and effective for use on human patients in order to receive regulatory approval for commercial sale. The data obtained from preclinical and clinical testing are subject to varying interpretations that could delay, limit or prevent regulatory approval. Adverse or inconclusive clinical results would prevent us from filing for regulatory approval of our products. Additional factors that could cause delay or termination of our clinical trials include:

slow patient enrollment;

longer treatment time required to demonstrate efficacy;

adverse medical events or side effects in treated patients; and

lack of effectiveness of the product being tested.

***We license the technology underlying most of our proposed hormone therapy products and a portion of our CAP technology from third parties and may lose the rights to license them.***

We license most of the technology underlying our proposed hormone therapy products from Antares Pharma, Inc. and a portion of our CAP technology from the University of California. We may lose our right to license these technologies if we breach our obligations under the license agreements. Although we intend to use our reasonable best efforts to meet these obligations, if we violate or fail to perform any term or covenant of the license agreements or with respect to the University of California's license agreement within 60 days after written notice from the University of California, the other party to these agreements may terminate these agreements or certain projects contained in these agreements. The termination of these agreements, however, will not relieve us of our obligation to pay any royalty or license fees owing at the time of termination. Our failure to retain the right to license the technology underlying our proposed hormone therapy products or CAP technology could harm our business and future operating results. For example, if we were to enter into an outlicense agreement with a third party under which we agree to outlicense our hormone therapy technology or CAP technology for a license fee, the termination of the main license agreement with Antares Pharma, Inc. or the University of California could either, depending upon the terms of the outlicense agreement, cause us to breach our obligations

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under the outlicense agreement or give the other party a right to terminate that agreement, thereby causing us to lose future revenue generated by the outlicense fees.

***We do not have any facilities appropriate for clinical testing, we lack significant manufacturing experience and we have very limited sales and marketing personnel. We may, therefore, be dependent upon others for our clinical testing, manufacturing, sales and marketing.***

Our current facilities do not include accommodation for the testing of our proposed products in animals or in humans for the clinical testing required by the FDA. We do not have a manufacturing facility that can be used for full-scale production of our products. In addition, at this time, we have very limited sales and marketing personnel. In the course of our development program, we will therefore be required to enter into arrangements with other companies or universities for our animal testing, human clinical testing, manufacturing, and sales and marketing activities. If we are unable to retain third parties for these purposes on acceptable terms, we may be unable to successfully develop, manufacture and market our proposed products. In addition, any failures by third parties to adequately perform their responsibilities may delay the submission of our proposed products for regulatory approval, impair our ability to deliver our products on a timely basis or otherwise impair our competitive position. Our dependence on third parties for the development, manufacture, sale and marketing of our products also may adversely affect our profit margins.

***If we are unable to protect our proprietary technology, we may not be able to compete as effectively.***

The pharmaceutical industry places considerable importance on obtaining patent and trade secret protection for new technologies, products and processes. Our success will depend, in part, upon our ability to obtain, enjoy and enforce protection for any products we develop or acquire under United States and foreign patent laws and other intellectual property laws, preserve the confidentiality of our trade secrets and operate without infringing the proprietary rights of third parties.

Where appropriate, we seek patent protection for certain aspects of our technology. In February 2000, we filed a patent application relating to our CAP technology. However, our owned and licensed patents and patent applications may not definitively ensure the protection of our intellectual property for a number of other reasons that are beyond our control. For example:

We do not know whether our patent applications will result in actual patents. For example, we may not have developed a method for treating a disease or manufacturing a product before others have developed similar methods.

Competitors may interfere with our patent process in a variety of ways. Competitors may claim that they invented the claimed invention before us or may claim that we are infringing on their patents and therefore we cannot use our technology as claimed under our patent. Competitors may also contest our patents by showing the patent examiner that the invention was not original or novel or was obvious.

We are in the research and development stage and are in the process of developing proposed products. Even if we receive a patent, it may not provide much practical protection. If we receive a patent with a narrow scope, then it will be easier for competitors to design products that do not infringe on our patent. Even if the development of our proposed products is successful and approval for sale is obtained, there can be no assurance that applicable patent coverage, if any, will not have expired or will not expire shortly after this approval. Any expiration of the applicable patent could have a material adverse effect on the sales and profitability of our proposed product.



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Enforcing patents is expensive and may require significant time by our management. In litigation, a competitor could claim that our issued patents are not valid for a number of reasons. If the court agrees, we would lose those patents.

We also may support and collaborate in research conducted by government organizations or universities. We cannot guarantee that we will be able to acquire any exclusive rights to technology or products derived from these collaborations. If we do not obtain required licenses or rights, we could encounter delays in product development while we attempt to design around other patents or we may be prohibited from developing, manufacturing or selling products requiring these licenses. There is also a risk that disputes may arise as to the rights to technology or products developed in collaboration with other parties.

It also is unclear whether our trade secrets will provide useful protection. While we use reasonable efforts to protect our trade secrets, our employees or consultants may unintentionally or willfully disclose our proprietary information to competitors. Enforcing a claim that someone else illegally obtained and is using our trade secrets, like patent litigation, is expensive and time consuming, and the outcome is unpredictable. In addition, courts outside the United States are sometimes less willing to protect trade secrets. Finally, our competitors may independently develop equivalent knowledge, methods and know-how.

***Claims by others that our products infringe their patents or other intellectual property rights could adversely affect our financial condition.***

The pharmaceutical industry has been characterized by frequent litigation regarding patent and other intellectual property rights. Patent applications are maintained in secrecy in the United States until the patents are issued and also are maintained in secrecy for a period of time outside the United States. Accordingly, we can conduct only limited searches to determine whether our technology infringes any patents or patent applications of others. Any claims of patent infringement would be time-consuming and could likely:

result in costly litigation;

divert the time and attention of our technical personnel and management;

cause product development delays;

require us to develop non-infringing technology; or

require us to enter into royalty or licensing agreements.

Although patent and intellectual property disputes in the pharmaceutical industry often have been settled through licensing or similar arrangements, costs associated with these arrangements may be substantial and often require the payment of ongoing royalties, which could hurt our gross margins. In addition, we cannot be sure that the necessary licenses would be available to us on satisfactory terms, or that we could redesign our products or processes to avoid infringement, if necessary. Accordingly, an adverse determination in a judicial or administrative proceeding, or the failure to obtain necessary licenses, could prevent us from developing, manufacturing and selling some of our products, which could harm our business, financial condition and operating results.

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*Because we are developing new products, we may fail to gain market acceptance for our products and our business could suffer.*

None of the products we propose to develop or are developing have yet been approved for marketing by regulatory authorities in the United States or elsewhere. Even if our proposed products ultimately are approved for sale, there can be no assurance that they will be commercially successful.

### **Risks Relating to Our Industry**

*Because our industry is very competitive and many of our competitors have substantially greater capital resources and more experience in research and development, manufacturing and marketing than us, we may not succeed in developing our proposed products and bringing them to market.*

Competition in the pharmaceutical industry is intense. Potential competitors in the United States are numerous and include pharmaceutical and biotechnology companies, most of which have substantially greater capital resources and more experience in research and development, manufacturing and marketing than us. Academic institutions, hospitals, governmental agencies and other public and private research organizations also are conducting research and seeking patent protection and may develop and commercially introduce competing products or technologies on their own or through joint ventures. We cannot assure you that our competitors will not succeed in developing similar technologies and products more rapidly than we do or that these competing technologies and products will not be more effective than any of those that we currently are developing or will develop.

*We are dependent upon key personnel, many of whom would be difficult to replace.*

Our success will be largely dependent upon the efforts of Stephen M. Simes, our Vice Chairman, President and Chief Executive Officer, and other key employees. Our future success also will depend in large part upon our ability to identify, attract and retain other highly qualified managerial, technical and sales and marketing personnel. Competition for these individuals is intense. The loss of the services of any of our key personnel, the inability to identify, attract or retain qualified personnel in the future or delays in hiring qualified personnel, could make it more difficult for us to manage our business and meet key objectives, such as the timely introduction of our proposed products, which would harm our business, financial condition and operating results.

### **Risks Relating to Our Common Stock**

*Because the average daily trading volume of our common stock is low, your ability to sell your shares in the secondary trading market may be limited.*

Because the average daily trading volume of our common stock is low, the liquidity of our common stock may be impaired. As a result, prices for shares of our common stock may be lower than might otherwise prevail if the average daily trading volume of our common stock was higher. Our common stock began trading on the American Stock Exchange under the ticker symbol BPA at the opening of trading on October 1, 2003. Despite the trading of our common stock on the American Stock Exchange, we believe that the average daily trading volume of our common stock may be low relative to the stocks of other exchange-listed companies, which could limit your ability to sell your shares in the secondary trading market.

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*Sales of a substantial number of shares of our common stock in the public market, including the shares offered under this prospectus and under other registration statements, could lower our stock price and impair our ability to raise funds in new stock offerings.*

Future sales of a substantial number of shares of our common stock in the public market, including the shares offered under this prospectus, other registration statements and shares available for resale under Rule 144(k) under the Securities Act, or the perception that such sales could occur, could adversely affect the prevailing market price of our common stock and could make it more difficult for us to raise additional capital through the sale of equity securities.

*Our stock price may be volatile and your investment in our common stock could suffer a decline in value.*

On October 1, 2003, our common stock began trading on the American Stock Exchange. The market price of our common stock may fluctuate significantly in response to a number of factors, some of which are beyond our control. These factors include:

progress of our products through the regulatory process;

results of preclinical studies and clinical trials;

announcements of technological innovations or new products by us or our competitors;

government regulatory action affecting our products or our competitors' products in both the United States and foreign countries;

developments or disputes concerning patent or proprietary rights;

actual or anticipated fluctuations in our operating results;

changes in our financial estimates by securities analysts;

general market conditions for emerging growth and pharmaceutical companies;

broad market fluctuations; and

economic conditions in the United States or abroad.

*We may incur significant costs from class action litigation due to our expected stock volatility.*

In the past, following periods of large price declines in the public market price of a company's stock, holders of that stock occasionally have instituted securities class action litigation against the company that issued the stock. If any of our stockholders were to bring this type of lawsuit against us, even if the lawsuit is without merit, we could incur substantial costs defending the lawsuit. The lawsuit also could divert the time and attention of our management, which would hurt our business. Any adverse determination in litigation could also subject us to significant liabilities.

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***Provisions in our charter documents and Delaware law could discourage or prevent a takeover, even if an acquisition would be beneficial to our stockholders.***

Provisions of our certificate of incorporation and bylaws, as well as provisions of Delaware law, could make it more difficult for a third party to acquire us, even if doing so would be beneficial to our stockholders. These provisions include:

authorizing the issuance of blank check preferred that could be issued by our Board of Directors to increase the number of outstanding shares and thwart a takeover attempt;

prohibiting cumulative voting in the election of directors, which would otherwise allow less than a majority of stockholders to elect director candidates; and

advance notice provisions in connection with stockholder proposals that may prevent or hinder any attempt by our stockholders to bring business to be considered by our stockholders at a meeting or replace our board of directors.

***Our directors and executive officers own a sufficient number of shares of our capital stock to control our company, which could discourage or prevent a takeover, even if an acquisition would be beneficial to our stockholders.***

Our directors and executive officers own or control approximately 31.6% of our outstanding voting power. Accordingly, these stockholders, individually and as a group, may be able to influence the outcome of stockholder votes, involving votes concerning the election of directors, the adoption or amendment of provisions in our certificate of incorporation and bylaws and the approval of certain mergers or other similar transactions, such as a sale of substantially all of our assets. Such control by existing stockholders could have the effect of delaying, deferring or preventing a change in control of our company.

***Exercise of outstanding options and warrants will dilute stockholders and could decrease the market price of our common stock.***

As of September 30, 2003, we had issued and outstanding 13,485,405 shares of common stock, 466,602 shares of our class C stock and outstanding options and warrants to purchase 5,713,750 additional shares of common stock. The existence of the outstanding options and warrants may adversely affect the market price of our common stock and the terms under which we could obtain additional equity capital.

***We do not intend to pay any cash dividends in the foreseeable future and, therefore, any return on your investment in our common stock must come from increases in the fair market value and trading price of our common stock.***

We do not intend to pay any cash dividends in the foreseeable future and, therefore, any return on your investment in our common stock must come from increases in the fair market value and trading price of our common stock.

***We likely will issue additional equity securities which will dilute your share ownership.***

We likely will issue additional equity securities to raise capital and through the exercise of options and warrants that are outstanding or may be outstanding. These additional issuances will dilute your share ownership.

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**USE OF PROCEEDS**

We will not receive any of the proceeds from the sale of shares offered under this prospectus by the selling stockholders. This offering is intended to satisfy our obligations to register, under the Securities Act of 1933, the resale of the shares of our common stock, including shares of our common stock that will be issued to the selling stockholders upon the exercise of warrants held by them, that we issued to the selling stockholders in previous private placements. The net proceeds from our sale of these shares to the selling stockholders have been and will be used for general corporate purposes, including working capital.

**Table of Contents****SELLING STOCKHOLDERS**

All of the selling stockholders named below acquired or have the right to acquire upon the exercise of warrants the shares of our common stock being offered under this prospectus directly from us in private transactions. The following table sets forth information known to us with respect to the beneficial ownership of our common stock as of September 30, 2003 as provided by the selling stockholders. In accordance with the rules of the SEC, beneficial ownership includes the shares issuable pursuant to warrants and options that are exercisable within 60 days of September 30, 2003. Shares issuable pursuant to warrants and options are considered outstanding for computing the percentage of the person holding the warrants and options but are not considered outstanding for computing the percentage of any other person.

The percentage of beneficial ownership for the following table is based on 13,485,405 shares of common stock outstanding as of September 30, 2003. To our knowledge, except as indicated in the footnotes to this table, each person named in the table has sole voting and investment power with respect to all shares of common stock shown in the table to be beneficially owned by such person.

Except as set forth below, none of the selling stockholders has had any position, office or other material relationship with us within the past three years. The table assumes that the selling stockholders will sell all of the shares offered by them in this offering. However, we are unable to determine the exact number of shares that will actually be sold or when or if these sales will occur. We will not receive any of the proceeds from the sale of the shares offered under this prospectus.

| Selling Stockholder                                       | Shares Beneficially<br>Owned Prior to the Offering                               |                                       |            | Number of<br>Shares<br>Being<br>Offered | Shares Beneficially<br>Owned After<br>Completion of<br>the Offering |            |
|-----------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------|------------|-----------------------------------------|---------------------------------------------------------------------|------------|
|                                                           | Shares<br>Subject to<br>Options,<br>Warrants,<br>and Class C<br>Special<br>Stock | Total Shares<br>Beneficially<br>Owned |            |                                         | Number                                                              | Percentage |
|                                                           |                                                                                  | Owned                                 | Percentage |                                         |                                                                     |            |
| SDS Merchant Fund, LP (1)                                 | 232,558                                                                          | 697,674                               | 5.1%       | 697,674                                 | 0                                                                   |            |
| North Sound Legacy Fund LLC                               | 10,465                                                                           | 31,395                                | *          | 31,395                                  | 0                                                                   |            |
| North Sound Legacy Institutional Fund<br>LLC              | 105,814                                                                          | 317,442                               | 2.3%       | 317,442                                 | 0                                                                   |            |
| North Sound Legacy International Ltd.                     | 116,279                                                                          | 348,837                               | 2.6%       | 348,837                                 | 0                                                                   |            |
| Perceptive Life Sciences Master Fund, Ltd.<br>(2)         | 550,000                                                                          | 1,650,000                             | 11.8%      | 1,650,000                               | 0                                                                   |            |
| Joseph Edelman (3)                                        | 112,500                                                                          | 337,500                               | 2.5%       | 337,500                                 | 0                                                                   |            |
| Multi-National Consulting Services IV,<br>LLC             | 11,500                                                                           | 34,500                                | *          | 34,500                                  | 0                                                                   |            |
| Daniel Heller                                             | 5,750                                                                            | 17,250                                | *          | 17,250                                  | 0                                                                   |            |
| SCO Capital Partners LLC (4)                              | 335,473                                                                          | 585,473                               | 4.2%       | 585,473                                 | 0                                                                   |            |
| Paul Scharfer                                             | 149,850                                                                          | 316,350                               | 2.3%       | 316,350                                 | 0                                                                   |            |
| Quogue Capital LLC                                        | 145,000                                                                          | 435,000                               | 3.2%       | 435,000                                 | 0                                                                   |            |
| Orion Biomedical Fund, LP                                 | 190,999                                                                          | 572,996                               | 4.2%       | 572,996                                 | 0                                                                   |            |
| Orion Biomedical Offshore Fund, LP                        | 41,502                                                                           | 124,505                               | 1.0%       | 124,505                                 | 0                                                                   |            |
| Richard Stone                                             | 10,000                                                                           | 30,000                                | *          | 30,000                                  | 0                                                                   |            |
| The Steven M. Oliveira 1998 Charitable<br>Remainder Trust | 116,250                                                                          | 348,750                               | 2.6%       | 348,750                                 | 0                                                                   |            |
| Panacea Fund, LLC                                         | 75,000                                                                           | 225,000                               | 1.7%       | 225,000                                 | 0                                                                   |            |
| Crestview Capital Fund II, LP                             | 46,512                                                                           | 139,535                               | 1.0%       | 139,535                                 | 0                                                                   |            |
| Richard Sheiner                                           | 4,000                                                                            | 12,000                                | *          | 12,000                                  | 0                                                                   |            |
| Dr. Terry L. Lazarus                                      | 4,000                                                                            | 12,000                                | *          | 12,000                                  | 0                                                                   |            |
| Charles Burns                                             | 4,000                                                                            | 12,000                                | *          | 12,000                                  | 0                                                                   |            |
| Jeffrey B. Davis                                          | 66,600                                                                           | 66,600                                | *          | 66,600                                  | 0                                                                   |            |
| Preston Tsao                                              | 20,000                                                                           | 20,000                                | *          | 20,000                                  | 0                                                                   |            |



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| Selling Stockholder                                                        | Shares Beneficially Owned Prior to the Offering                |                           |            | Number of Shares Being Offered | Shares Beneficially Owned After Completion of the Offering |            |
|----------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------|------------|--------------------------------|------------------------------------------------------------|------------|
|                                                                            | Shares Subject to Options, Warrants, and Class C Special Stock | Total Shares Beneficially |            |                                | Number                                                     | Percentage |
|                                                                            |                                                                | Owned                     | Percentage |                                |                                                            |            |
| Daniel DiPietro                                                            | 20,000                                                         | 20,000                    | *          | 20,000                         | 0                                                          |            |
| Joshua Golumb                                                              | 8,700                                                          | 8,700                     | *          | 8,700                          | 0                                                          |            |
| Kristin Wholley                                                            | 4,000                                                          | 4,000                     | *          | 4,000                          | 0                                                          |            |
| Shirley M. Nicholson IRA                                                   | 1,000                                                          | 3,000                     | *          | 3,000                          | 0                                                          |            |
| Victor Morgenstern (5)                                                     | 309,000                                                        | 1,105,308                 | 8.0%       | 364,500                        | 740,808                                                    | 7.1%       |
| Morningstar Trust (6)                                                      | 102,500                                                        | 372,500                   | 2.7%       | 257,500                        | 115,000                                                    | 2.4%       |
| Resolute Partners (5)                                                      | 25,000                                                         | 75,000                    | *          | 25,000                         | 50,000                                                     | *          |
| Irving B. Harris Revocable Trust                                           | 87,333                                                         | 285,499                   | 2.1%       | 145,333                        | 140,166                                                    | 1.7%       |
| Virginia H. Polsky Trust                                                   | 43,667                                                         | 143,000                   | 1.1%       | 72,667                         | 70,333                                                     | *          |
| Roxanne H. Frank Trust                                                     | 58,139                                                         | 190,416                   | 1.4%       | 96,639                         | 93,777                                                     | 1.1%       |
| Couderay Partners                                                          | 58,139                                                         | 190,416                   | 1.4%       | 96,639                         | 93,777                                                     | 1.1%       |
| Fred Holubow (7)                                                           | 103,750                                                        | 370,128                   | 2.7%       | 31,250                         | 338,878                                                    | 2.5%       |
| JO & Co. (8)                                                               | 521,512                                                        | 1,835,539                 | 13.1%      | 814,535                        | 1,021,004                                                  | 10.7%      |
| James S. Levy Living Trust                                                 | 20,500                                                         | 61,500                    | *          | 36,500                         | 25,000                                                     | *          |
| James S. Levy                                                              | 3,125                                                          | 21,225                    | *          | 3,125                          | 18,100                                                     | *          |
| Mitchell I. Dolins Revocable Trust                                         | 27,151                                                         | 81,453                    | *          | 36,453                         | 45,000                                                     | *          |
| Bradley S. Glaser & Amy E. Glaser as Tenants by the Entirety               | 7,776                                                          | 23,328                    | *          | 17,078                         | 6,250                                                      | *          |
| Dr. Hermann S. Graf Zu Munster                                             | 35,250                                                         | 168,585                   | 1.2%       | 43,250                         | 125,335                                                    | 1.0%       |
| Roscoe F. Nicholson III                                                    | 13,750                                                         | 36,575                    | *          | 22,150                         | 14,425                                                     | *          |
| Shirley M. Nicholson                                                       | 3,125                                                          | 3,125                     | *          | 3,125                          | 0                                                          |            |
| John E. Urheim                                                             | 7,125                                                          | 28,125                    | *          | 15,125                         | 13,000                                                     | *          |
| Stephen M. Simes (9)                                                       | 400,550                                                        | 537,796                   | 3.9%       | 32,750                         | 505,046                                                    | 3.7%       |
| Leah M. Lehman (10)                                                        | 86,637                                                         | 246,414                   | 1.8%       | 57,750                         | 188,664                                                    | 1.4%       |
| Phillip B. Donenberg (11)                                                  | 117,790                                                        | 131,764                   | 1.0%       | 3,375                          | 128,389                                                    | 1.0%       |
| Edward S. Loeb Revocable Trust                                             | 18,750                                                         | 81,250                    | *          | 18,750                         | 62,500                                                     | *          |
| Sherwin and Sheri Zuckerman                                                | 50,000                                                         | 150,000                   | 1.1%       | 50,000                         | 100,000                                                    | *          |
| The Levenstein & Resnick Profit Sharing Plan & Trust by Gary I. Levenstein | 15,125                                                         | 45,375                    | *          | 15,125                         | 30,250                                                     | *          |
| Jerome Kahn, Jr. Revocable Trust                                           | 9,722                                                          | 39,166                    | *          | 9,722                          | 29,444                                                     | *          |
| Sheldon M. Bulwa                                                           | 12,500                                                         | 37,500                    | *          | 12,500                         | 25,000                                                     | *          |
| Faye Morgenstern (6)                                                       | 10,000                                                         | 80,000                    | *          | 30,000                         | 50,000                                                     | *          |
| Sibylla M. Mueller                                                         | 31,250                                                         | 93,750                    | *          | 31,250                         | 62,500                                                     | *          |
| Adolf Leuze                                                                | 6,250                                                          | 18,750                    | *          | 6,250                          | 12,500                                                     | *          |
| Boyd B. Massagee, Jr.                                                      | 7,812                                                          | 23,437                    | *          | 7,812                          | 15,625                                                     | *          |
| Anne Marie Nicholson Trust                                                 | 1,875                                                          | 5,625                     | *          | 1,875                          | 3,750                                                      | *          |
| RFN Cust. Roscoe F. Nicholson III Trust                                    | 1,875                                                          | 5,625                     | *          | 1,875                          | 3,750                                                      | *          |
| Eberhard Thyssen                                                           | 12,500                                                         | 37,500                    | *          | 12,500                         | 25,000                                                     | *          |
| Florence A. Browning                                                       | 1,250                                                          | 3,750                     | *          | 1,250                          | 2,500                                                      | *          |
| Egandale Associates                                                        | 3,125                                                          | 9,375                     | *          | 3,125                          | 6,250                                                      | *          |
| Rotter Family Partnership                                                  | 12,500                                                         | 37,500                    | *          | 12,500                         | 25,000                                                     | *          |
| Nancy Butler                                                               | 6,250                                                          | 18,750                    | *          | 6,250                          | 12,500                                                     | *          |
| John E. Lee (12)                                                           | 625                                                            | 1,875                     | *          | 625                            | 1,250                                                      | *          |
| Steven J. Bell (13)                                                        | 39,529                                                         | 41,904                    | *          | 563                            | 41,341                                                     | *          |
| Ann Lehman (10)                                                            | 5,000                                                          | 15,000                    | *          | 5,000                          | 10,000                                                     | *          |
| James J. Pelts                                                             | 2,500                                                          | 17,500                    | *          | 2,500                          | 15,000                                                     | *          |
| Lawrence B. Dolins                                                         | 1,875                                                          | 5,625                     | *          | 1,875                          | 3,750                                                      | *          |



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|                          |        |        |   |        |        |   |
|--------------------------|--------|--------|---|--------|--------|---|
| James G. Hart            | 6,250  | 18,750 | * | 6,250  | 12,500 | * |
| Robert Leder, DDS        | 3,125  | 9,375  | * | 3,125  | 6,250  | * |
| James G. Johnson Trust   | 12,500 | 37,500 | * | 12,500 | 25,000 | * |
| Robert Q. Calloway Trust | 6,250  | 18,750 | * | 6,250  | 12,500 | * |

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| Selling Stockholder                        | Shares Beneficially Owned Prior to the Offering                |                                 |            | Number of Shares Being Offered | Shares Beneficially Owned After Completion of the Offering |            |
|--------------------------------------------|----------------------------------------------------------------|---------------------------------|------------|--------------------------------|------------------------------------------------------------|------------|
|                                            | Shares Subject to Options, Warrants, and Class C Special Stock | Total Shares Beneficially Owned | Percentage |                                | Number                                                     | Percentage |
| Patricia L. Calloway Trust                 | 6,250                                                          | 18,750                          | *          | 6,250                          | 12,500                                                     | *          |
| GOC Irr Tr U/A J.C. Warriner (8)           | 16,666                                                         | 49,999                          | *          | 49,999                         | 0                                                          |            |
| GOC Irr Tr U/A J.O. Cunningham (8)         | 16,666                                                         | 50,000                          | *          | 50,000                         | 0                                                          |            |
| John S. Warriner (8)                       | 50,000                                                         | 150,000                         | 1.1%       | 150,000                        | 0                                                          |            |
| GOC Irr Tr U/A A.C. McClure (8)            | 16,666                                                         | 49,999                          | *          | 49,999                         | 0                                                          |            |
| C. Frederick Cunningham II Revocable Trust | 12,500                                                         | 37,500                          | *          | 12,500                         | 25,000                                                     | *          |
| Goldstein Asset Management                 | 6,250                                                          | 18,750                          | *          | 6,250                          | 12,500                                                     | *          |
| Lawrence Goldstein                         | 6,250                                                          | 18,750                          | *          | 6,250                          | 12,500                                                     | *          |
| John and Joanna Ruder                      | 12,500                                                         | 37,500                          | *          | 12,500                         | 25,000                                                     | *          |
| Ronald Nash                                | 12,500                                                         | 37,500                          | *          | 12,500                         | 25,000                                                     | *          |
| Stanley Ho (14)                            | 75,000                                                         | 225,000                         | 1.7%       | 75,000                         | 150,000                                                    | 1.1%       |
| King Cho Fung                              | 137,500                                                        | 360,000                         | 2.6%       | 75,000                         | 285,000                                                    | 2.1%       |
| Marcus Jebsen                              | 75,000                                                         | 175,000                         | 1.3%       | 25,000                         | 150,000                                                    | 1.1%       |
| Hans Michael Jebsen                        | 175,000                                                        | 525,000                         | 3.8%       | 75,000                         | 450,000                                                    | 3.3%       |
| Howard Schraub                             | 12,500                                                         | 12,500                          | *          | 12,500                         | 0                                                          |            |
| Anita Nagler                               | 75,000                                                         | 225,000                         | 1.7%       | 75,000                         | 150,000                                                    | 1.1%       |
| Jarvis H. Friduss                          | 6,250                                                          | 18,750                          | *          | 6,250                          | 12,500                                                     | *          |
| Gary N. Wilner                             | 12,500                                                         | 37,500                          | *          | 12,500                         | 25,000                                                     | *          |
| Steven J. Reid                             | 25,000                                                         | 75,000                          | *          | 25,000                         | 50,000                                                     | *          |

\* Less than one percent (1%)

- The terms of the warrant held by SDS Merchant Fund LP provide that the warrant is exercisable on any given date only to the extent that the number of shares of common stock then issued upon the exercise of the warrant, together with any other shares of common stock beneficially owned by SDS Merchant or any of its affiliates (excluding for this purpose shares of common stock which may be deemed beneficially owned through the ownership of the unexercised warrant) would not exceed 4.95% of the common stock then issued and outstanding. Accordingly, SDS Merchant's ability to fully convert or exercise the warrant is limited by the terms of the warrant.
- Perceptive Life Science Master Fund LP's business address is 5437 Connecticut Avenue, NW, Suite 100, Washington, DC 20015.
- Joseph Edelman's address is 5437 Connecticut Avenue, NW, Suite 100, Washington, DC 20015.
- SCO Securities LLC acted as agent in connection with our August 2003 private placement. In connection with the August 2003 private placement, SCO Securities received a commission of approximately \$560,000 and a warrant to purchase an aggregate of 371,373 shares of common stock. SCO Securities assigned its rights under the warrant to employees of SCO Securities.
- Mr. Morgenstern is a director of BioSante. Mr. Morgenstern's beneficial ownership includes: (1) 10,000 shares of common stock issuable upon exercise of a stock option, (2) 171,500 shares of common stock issuable upon exercise of warrants, (3) 102,500 shares of common stock issuable upon exercise of warrants and 270,000 shares of common stock held by Mr. Morgenstern's wife as trustee of the Morningstar Trust, as to which Mr. Morgenstern disclaims control, direction or beneficial ownership, (4) 10,000 shares of common stock issuable upon exercise of a warrant and 70,000 shares of common stock held by Mr. Morgenstern's wife, as to which Mr. Morgenstern disclaims control, direction or beneficial ownership, and (5) 25,000 shares of common stock issuable upon exercise of a warrant and 50,000 shares of common stock held by Resolute Partners L.P. Victor Morgenstern is managing director of Resolute Partners L.P. Mr. Morgenstern's address is 106 Vine Avenue, Highland Park, IL 60035.

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- (6) Shares held by Mr. Morgenstern's wife as trustee of the Morningstar Trust, as to which Mr. Morgenstern disclaims control, direction or beneficial ownership.
- (7) Mr. Holubow, a director of BioSante, is a co-general partner of Panacea Fund, LLC.
- (8) Ross Mangano, a director of BioSante, is President of JO & Co. JO & Co's business address is P.O. Box 1655, South Bend, IN 46634. Mr. Mangano, acted as an advisor and trustee for these selling stockholders in connection with the stockholder's acquisition from us of the shares offered by these selling stockholders under this prospectus. Mr. Mangano is an investment advisor registered with the Securities and Exchange Commission under the Investment Advisors Act of 1940. These selling stockholders are advisory clients of Mr. Mangano, and the shares offered by these selling stockholders under this prospectus are held in discretionary client accounts managed by Mr. Mangano.
- (9) Mr. Simes is the Vice Chairman, President and Chief Executive Officer of BioSante.
- (10) Dr. Lehman is the Vice President, Clinical Development of BioSante. Ann Lehman is Dr. Lehman's mother and Dr. Lehman disclaims beneficial ownership of Ann Lehman's shares.
- (11) Mr. Donenberg is the Chief Financial Officer, Treasurer and Secretary of BioSante.
- (12) Mr. Lee resigned as the Vice President, Commercial Development of BioSante on September 28, 2001.
- (13) Dr. Bell is the Vice President, Research and Pre-Clinical Development of BioSante.
- (14) Mr. Ho is the father of Angela Ho, a director of BioSante. Ms. Ho disclaims beneficial ownership of Stanley Ho's shares.

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**PLAN OF DISTRIBUTION**

We are registering the shares of common stock on behalf of the selling security holders. Sales of shares may be made by selling security holders, including their respective donees, transferees, pledgees or other successors-in-interest, directly to purchasers or to or through underwriters, broker-dealers or through agents. Sales may be made from time to time on the American Stock Exchange or other exchange upon which the shares may be listed, the over-the-counter market or otherwise, at market prices prevailing at the time of sale, at prices related to market prices, or at negotiated or fixed prices. The shares may be sold by one or more of, or a combination of, the following:

a block trade in which the broker-dealer so engaged will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction (including crosses in which the same broker acts as agent for both sides of the transaction);

purchases by a broker-dealer as principal and resale by such broker-dealer, including resales for its account, pursuant to this prospectus;

ordinary brokerage transactions and transactions in which the broker solicits purchases;

through options, swaps or derivatives;

in privately negotiated transactions;

in making short sales or in transactions to cover short sales; and

put or call option transactions relating to the shares.

The selling security holders may effect these transactions by selling shares directly to purchasers or to or through broker-dealers, which may act as agents or principals. These broker-dealers may receive compensation in the form of discounts, concessions or commissions from the selling security holders and/or the purchasers of shares for whom such broker-dealers may act as agents or to whom they sell as principals, or both (which compensation as to a particular broker-dealer might be in excess of customary commissions). The selling security holders have advised us that they have not entered into any agreements, understandings or arrangements with any underwriters or broker-dealers regarding the sale of their securities.

The selling security holders may enter into hedging transactions with broker-dealers or other financial institutions. In connection with those transactions, the broker-dealers or other financial institutions may engage in short sales of the shares or of securities convertible into or exchangeable for the shares in the course of hedging positions they assume with the selling security holders. The selling security holders may also enter into options or other transactions with broker-dealers or other financial institutions which require the delivery of shares offered by this prospectus to those broker-dealers or other financial institutions or loan or pledge shares of common stock to a broker-dealer, who may sell the loaned shares or, in the event of default, sell the pledged shares. The broker-dealer or other financial institution may then resell the shares pursuant to this prospectus (as amended or supplemented, if required by applicable law, to reflect those transactions).

The selling security holders and any broker-dealers that act in connection with the sale of shares may be deemed to be underwriters within the meaning of Section 2(11) of the Securities Act of 1933, and any commissions received by broker-dealers or any profit on the resale of the shares sold by them while acting as principals may be deemed to be underwriting discounts or commissions under the Securities

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Act. The selling security holders may agree to indemnify any agent, dealer or broker-dealer that participates in transactions involving sales of the shares against liabilities, including liabilities arising under the Securities Act. We have agreed to indemnify each of the selling security holders and each selling security holder has agreed, severally and not jointly, to indemnify us against some liabilities in connection with the offering of the shares, including liabilities arising under the Securities Act.

The selling security holders will be subject to the prospectus delivery requirements of the Securities Act. We have informed the selling security holders that the anti-manipulative provisions of Regulation M promulgated under the Securities Exchange Act of 1934 may apply to their sales in the market.

Selling security holders also may resell all or a portion of the shares in open market transactions in reliance upon Rule 144 under the Securities Act, provided they meet the criteria and conform to the requirements of Rule 144.

Upon being notified by a selling security holder that a material arrangement has been entered into with a broker-dealer for the sale of shares through a block trade, special offering, exchange distribution or secondary distribution or a purchase by a broker or dealer, we will file a supplement to this prospectus, if required pursuant to Rule 424(b) under the Securities Act, disclosing:

the name of each such selling security holder and of the participating broker-dealer(s);

the number of shares involved;

the initial price at which the shares were sold;

the commissions paid or discounts or concessions allowed to the broker-dealer(s), where applicable;

that such broker-dealer(s) did not conduct any investigation to verify the information set out or incorporated by reference in this prospectus; and

other facts material to the transactions.

In addition, if required under applicable law or the rules or regulations of the SEC, we will file a supplement to this prospectus when a selling security holder notifies us that a donee or pledgee intends to sell more than 500 shares of common stock.

We are paying all expenses and fees customarily paid by an issuer in connection with the registration of the shares. The selling security holders will bear all brokerage or underwriting discounts or commissions paid to broker-dealers in connection with the sale of the shares.

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**LEGAL MATTERS**

The validity of the shares of common stock offered hereby will be passed upon for BioSante by Oppenheimer Wolff & Donnelly LLP, Minneapolis, Minnesota.

**DISCLOSURE OF COMMISSION POSITION ON  
INDEMNIFICATION FOR SECURITIES ACT LIABILITIES**

BioSante's Certificate of Incorporation limits the liability of its directors to the fullest extent permitted by the Delaware General Corporation Law. Specifically, Article VII of BioSante's Certificate of Incorporation provides that no director of BioSante shall be personally liable to BioSante or its stockholders for monetary damages for any breach of fiduciary duty by such a director as a director, except to the extent provided by applicable law (i) for any breach of the director's duty of loyalty to BioSante or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which such director derived an improper personal benefit. If the Delaware General Corporation Law is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of BioSante shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law as so amended. No amendment to or repeal of Article VII shall apply to or have any effect on the liability or alleged liability of any director of BioSante for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal.

BioSante's Certificate of Incorporation provides for indemnification of BioSante's directors and officers. Specifically, Article VI provides that BioSante shall indemnify, to the fullest extent authorized or permitted by law, as the same exists or may thereafter be amended, any person who was or is made or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of BioSante), by reason of the fact that such person is or was a director or officer of BioSante, or is or was serving at the request of BioSante as a director, officer, employee or agent of any other company, partnership, limited liability company, joint venture, trust, employee benefit plan or other enterprise; provided, however, that BioSante shall not indemnify any director or officer in connection with any action by such director or officer against BioSante unless BioSante shall have consented to such action. BioSante may, to the extent authorized from time-to-time by BioSante's Board of Directors, provide rights to indemnification to employees and agents of BioSante similar to those conferred in Article VI to directors and officers of BioSante. No amendment or repeal of Article VI shall apply to or have any effect on any right to indemnification provided thereunder with respect to any acts or omission occurring prior to such amendment or repeal.

BioSante has also agreed to indemnify its selling stockholders, including some of its officers, directors and related entities under this registration statement, against certain losses, claims, damages, liabilities, costs and expenses under the securities laws, or to contribute to any losses associated with these liabilities. Each of these selling stockholders has also agreed to indemnify us against certain civil liabilities under the securities laws deriving from information provided by it, or to contribute to any losses associated with these liabilities.

BioSante maintains an insurance policy for its directors and executive officers pursuant to which its directors and executive officers are insured against liability for certain actions in their capacity as directors and executive officers of BioSante.

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Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to BioSante's directors, officers or persons controlling BioSante pursuant to the foregoing provisions, BioSante is aware that in the opinion of the Securities and Exchange Commission that this indemnification is against public policy as expressed in the Securities Act of 1933 and is therefore unenforceable.

**EXPERTS**

The financial statements as of December 31, 2002 and 2001 and for each of the three years in the period ended December 31, 2002, incorporated by reference in this prospectus by reference to our Annual Report on Form 10-KSB for the year ended December 31, 2002, have been audited by Deloitte & Touche LLP, independent auditors, as stated in their report, which is incorporated herein by reference, (which report expresses an unqualified opinion and includes an explanatory paragraph indicating that BioSante Pharmaceuticals, Inc. is in the development stage), and has been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

**Table of Contents****PART II****INFORMATION NOT REQUIRED IN PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution.**

The following table sets forth the costs and expenses payable by BioSante in connection with the issuance and distribution of the shares of common stock being registered. All such expenses are estimated except for the SEC registration fee.

|                                                 |          |
|-------------------------------------------------|----------|
| SEC registration fee                            | \$ 1,687 |
| Printing expenses                               | 1,000    |
| Fees and expenses of legal counsel for BioSante | 25,000   |
| Fees and expenses of accountants for BioSante   | 4,000    |
| Blue sky fees and expenses                      | 10,000   |
| Miscellaneous                                   | 10,000   |
|                                                 | <hr/>    |
| *Total                                          | \$51,687 |
|                                                 | <hr/>    |

\*None of the expenses listed above will be borne by the selling stockholders.

**Item 15. Indemnification of Directors and Officers.**

BioSante's Certificate of Incorporation limits the liability of its directors to the fullest extent permitted by the Delaware General Corporation Law. Specifically, Article VII of BioSante's Certificate of Incorporation provides that no director of BioSante shall be personally liable to BioSante or its stockholders for monetary damages for any breach of fiduciary duty by such a director as a director, except to the extent provided by applicable law (i) for any breach of the director's duty of loyalty to BioSante or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which such director derived an improper personal benefit. If the Delaware General Corporation Law is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of BioSante shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law as so amended. No amendment to or repeal of Article VII shall apply to or have any effect on the liability or alleged liability of any director of BioSante for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal.

BioSante's Certificate of Incorporation provides for indemnification of BioSante's directors and officers. Specifically, Article VI provides that BioSante shall indemnify, to the fullest extent authorized or permitted by law, as the same exists or may thereafter be amended, any person who was or is made or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of BioSante), by reason of the fact that such person is or was a director or officer of BioSante, or is or was serving at the request of BioSante as a director, officer, employee or agent of any other company, partnership, limited liability company, joint venture, trust, employee benefit plan or other enterprise; provided, however,

that BioSante shall not indemnify any director or officer in connection with any action by such director or officer against BioSante unless BioSante shall have consented to such action. BioSante may, to the extent authorized from time-to-time by BioSante's Board of Directors, provide rights to indemnification to employees and agents of BioSante similar to those conferred in Article VI to directors and officers of



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BioSante. No amendment or repeal of Article VI shall apply to or have any effect on any right to indemnification provided thereunder with respect to any acts or omission occurring prior to such amendment or repeal.

BioSante has also agreed to indemnify its selling stockholders, including some of its officers, directors and related entities under this registration statement, against certain losses, claims, damages, liabilities, costs and expenses under the securities laws, or to contribute to any losses associated with these liabilities. Each of these selling stockholders has also agreed to indemnify us against certain civil liabilities under the securities laws deriving from information provided by it, or to contribute to any losses associated with these liabilities.

BioSante maintains an insurance policy for its directors and executive officers pursuant to which its directors and executive officers are insured against liability for certain actions in their capacity as directors and executive officers of BioSante.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to BioSante's directors, officers or persons controlling BioSante pursuant to the foregoing provisions, BioSante is aware that in the opinion of the Securities and Exchange Commission that this indemnification is against public policy as expressed in the Securities Act of 1933 and is therefore unenforceable.

**Item 16. Exhibits.**

See the Exhibit Index attached to this registration statement that is incorporated herein by reference.

**Item 17. Undertakings.**

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that clauses (i) and (ii) do not apply if the information required to be included in a post-effective amendment by those clauses is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the

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securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(b) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the provisions described above, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

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**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements of filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Lincolnshire, State of Illinois on February 6, 2004.

**BIOSANTE PHARMACEUTICALS, INC.**

By  /s/ Stephen M. Simes

Stephen M. Simes  
Vice Chairman, President and Chief Executive Officer

By  /s/ Phillip B. Donenberg

Phillip B. Donenberg  
Chief Financial Officer, Treasurer and Secretary

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities indicated, on a February 6, 2004.

| <u>Name and Signature</u>            | <u>Title</u>                                                                                     |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| <u> /s/ Stephen M. Simes</u>         | Vice Chairman, President and Chief Executive Officer<br>(Principal Executive Officer)            |
| Stephen M. Simes                     |                                                                                                  |
| <u> /s/ Phillip B. Donenberg</u>     | Chief Financial Officer, Treasurer and Secretary<br>(Principal Financial and Accounting Officer) |
| Phillip B. Donenberg                 |                                                                                                  |
| *                                    | Chairman of the Board                                                                            |
| <u> Louis W. Sullivan, M.D.</u>      | Director                                                                                         |
| *                                    |                                                                                                  |
| <u> Edward C. Rosenow, III, M.D.</u> | Director                                                                                         |
| *                                    |                                                                                                  |
| <u> Victor Morgenstern</u>           | Director                                                                                         |
| *                                    |                                                                                                  |
| <u> Ross Mangano</u>                 | Director                                                                                         |
| *                                    |                                                                                                  |
| <u> Peter Kjaer</u>                  |                                                                                                  |



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| Name and Signature                                        | Title            |
|-----------------------------------------------------------|------------------|
| *<br>_____<br>Fred Holubow                                | Director         |
| *<br>_____<br>Angela Ho                                   | Director         |
| /s/ Phillip B. Donenberg<br>_____<br>Phillip B. Donenberg | Attorney-in-Fact |
|                                                           | 27               |

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**BIOSANTE PHARMACEUTICALS, INC.**

**REGISTRATION STATEMENT ON FORM S-3  
EXHIBIT INDEX**

| <b>Exhibit No.</b> | <b>Exhibit</b>                                                                                                        | <b>Method of Filing</b>                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 2.1                | Arrangement Agreement, dated October 23, 1996, between Structured Biologicals Inc. and BioSante Pharmaceuticals, Inc. | Incorporated by reference to Exhibit 2.1 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)  |
| 4.1                | Amended and Restated Certificate of Incorporation of BioSante Pharmaceuticals, Inc.                                   | Incorporated by reference to Exhibit 3.1 contained in BioSante's Registration Statement on Form SB-2, as amended (Reg. No. 333-64218) |
| 4.2                | Amendment to Amended and Restated Certificate of Incorporation of BioSante Pharmaceuticals, Inc.                      | Incorporated by reference to Exhibit 3.2 contained in BioSante's Registration Statement on Form 8-A (File No. 1-31812)                |
| 4.3                | Bylaws of BioSante Pharmaceuticals, Inc.                                                                              | Incorporated by reference to Exhibit 3.2 contained in BioSante's Registration Statement on Form SB-2, as amended (Reg. No. 333-64218) |
| 4.4                | Form of Warrant issued in connection with May 1999 Private Placement                                                  | Incorporated by reference to Exhibit 4.1 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)  |

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| <b>Exhibit No.</b> | <b>Exhibit</b>                                                              | <b>Method of Filing</b>                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.5                | Form of Warrant issued in connection with April 2001 Private Placement      | Incorporated by reference to Exhibit 4.2 contained in BioSante's Registration Statement on Form SB-2, as amended (Reg. No. 333-64218)                         |
| 4.6                | Form of Warrant issued in connection with the August 2003 Private Placement | Incorporated by reference to Exhibit 10.2 contained in BioSante's Current Report on Form 8-K, filed on August 6, 2003 (File No. 0-28637)                      |
| 5.1                | Opinion of Oppenheimer Wolff & Donnelly LLP                                 | Previously filed with Registration Statements on Form SB-2 (Reg. No. 333-64218 and Reg. No. 333-108550) to which this Post-Effective Amendment No. 3 relates. |
| 23.1               | Consent of Deloitte & Touche LLP                                            | Filed herewith electronically                                                                                                                                 |
| 23.2               | Consent of Oppenheimer Wolff & Donnelly LLP (included in Exhibit 5.1)       | Previously filed with Registration Statements on Form SB-2 (Reg. No. 333-64218 and Reg. No. 333-108550) to which this Post-Effective Amendment No. 3 relates. |
| 24.1               | Power of Attorney                                                           | Previously filed with Registration Statements on Form SB-2 (Reg. No. 333-64218 and Reg. No. 333-108550) to which this Post-Effective Amendment No. 3 relates. |