BIOSANTE PHARMACEUTICALS INC
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May 03, 2002

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As filed with the Securities and Exchange Commission on May 3, 2002

Registration No. 333-64218

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1
TO
FORM SB-2/A

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

BIOSANTE PHARMACEUTICALS, INC.

(Name of Small Business Issuer in its Charter)

Delaware	**2836**	**58-2301143**
(State or Other Jurisdiction of Incorporation or Organization)	(Primary Standard Industrial Classification Code Number)	(I.R.S. Employer Identification No.)

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

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)

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

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

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: ý

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 this form is a post-effective amendment filed pursuant to Rule 462(d) 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.

Subject to Completion, dated May 3, 2002

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.

PROSPECTUS

25,437,500 Shares

Common Stock

Selling stockholders of BioSante Pharmaceuticals, Inc. are offering 25,437,500 shares of common stock. 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 21.

Our common stock is quoted on the Over-the-Counter Bulletin Board under the symbol "BTPH." On May 1, 2002, the last reported sale price of our common stock on the OTC Bulletin Board was $0.52 per share.

The common stock offered involves a high degree of risk. We refer you to "Risk Factors," beginning on page 6.

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 , 2002

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In this prospectus, references to "BioSante," "the company," "we," and "our," 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 , Bio-Vant , NanoVant , CAP-Oral , Bio-Air , Bio-T-Gel , Bio-E-Gel , Bio-E/P-Gel , LibiGel and LibiGel-E/T

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.

SUMMARY

The items in the following summary are described in more detail later in this prospectus. This summary provides an overview of selected information and does not contain all the information you should consider. Therefore, you should also read the more detailed information contained in this prospectus, including the financial statements.

Our Company

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

To enhance the value of our current pharmaceutical portfolio, we are pursuing the following corporate growth strategies:

- accelerate the development of our hormone replacement products;

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

license or otherwise acquire other drugs that will add value to our current product portfolio; and

implement business collaborations or joint ventures with other pharmaceutical and biotechnology companies.

Our primary focus is to build a pipeline of hormone replacement products for the treatment of human hormone deficiencies. Symptoms of hormone deficiency in men include impotence, lack of sex drive, muscle weakness and osteoporosis, and in women, menopausal symptoms, such as hot flashes, vaginal atrophy, decreased libido and osteoporosis.

Our proposed hormone replacement products, which we license on an exclusive basis from Antares Pharma Inc., are gel formulations of testosterone, estradiol, a combination of estradiol and testosterone and a combination of estradiol and a progestogen. The gels are designed to be absorbed quickly through the skin after application on the arms, shoulders, abdomen or thighs, delivering the hormone to the bloodstream evenly and in a non-invasive, painless manner. Human clinical trials have begun on four of our hormone replacement products, a necessary step in the process of obtaining United States Food and Drug Administration, or FDA, approval to market the products.

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

LibiGel a transdermal testosterone gel in Phase II clinical development for treatment of female sexual dysfunction.

Bio-T-Gel a transdermal testosterone gel in development for testosterone deficiency in men.

Bio-E-Gel a transdermal gel containing estradiol in development for estrogen deficiency in women, including menopausal symptoms.

Bio-E/P-Gel a transdermal gel containing estrogen and progestogen in development for estrogen deficiency.

LibiGel-E/T a transdermal gel containing estrogen and testosterone in development for treatment of female sexual dysfunction.

Our CAP technology, 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 immune

system boosters, for drug delivery and to purify the milk of transgenic animals. We have identified four potential initial applications for our CAP technology:

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

the development of new, unique vaccines against diseases for which there currently are few or no effective methods of prevention (*e.g.*, genital herpes);

the creation of inhaled and oral 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 by selectively isolating biologically active therapeutic proteins from the transgenic milk.

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

Bio-Vant CAP adjuvant technology new proprietary CAP technology in development for improved versions of current vaccines and new vaccines against cancer, viral and bacterial infections and autoimmune diseases.

Bio-Air advanced proprietary technology using CAP as a delivery system for inhalable versions of therapies that currently must be injected.

CAP-Oral an advanced delivery system using proprietary CAP technology for oral administration of therapies that currently must be injected.

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

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*. Our web site, and the information contained on that site, or connected to that site, are not intended to be part of this prospectus.

Summary Consolidated Financial Data

The selected statement of operations data shown below for the years ended December 31, 1999, 2000 and 2001 and the balance sheet data as of December 31, 2000 and 2001 are derived from our audited financial statements included elsewhere in this prospectus. The selected statement of operations data shown below for the period from August 29, 1996 (date of incorporation) to December 31, 1996 and for the years ended December 31, 1997 and 1998 and the balance sheet data as of December 31, 1997, 1998 and 1999 are derived from our audited financial statements not included elsewhere in this prospectus. When you read this selected consolidated financial data, it is important that you also read the historical financial statements and related notes included in this prospectus, as well as "Management's Discussion and Analysis of Financial Condition and Results of Operations." Historical results are not necessarily indicative of future results.

	Period from August 29, 1996 (date of incorporation) to December 31, 1996	Year Ended December 31,				
		1997	1998	1999	2000	2001
	(in thousands, except per share and share data)					
Statement of Operations Data:						
Licensing income	$	$	$	$	$	$ 1,747
Interest income	53	144	123	199	228	174
Total income	53	144	123	199	228	1,921
Expenses:						

	Period from August 29, 1996 (date of incorporation) to December 31, 1996					
Research and development		336	1,400	661	1,888	2,142
General and administration	547	1,618	1,112	853	1,679	2,299
Depreciation and amortization	1	52	140	91	98	93
Loss on disposal of capital assets		28	130			
Total expenses	548	2,034	2,782	1,605	3,665	4,533
Loss before other expenses	(495)	(1,890)	(2,659)	(1,406)	(3,437)	(2,611)
Cost of acquisition of Structured Biologicals, Inc.	375					
Purchased in-process research and development	5,377					
Total other expenses	5,752					
Net loss	$ (6,247)	$ (1,890)	$ (2,659)	$ (1,406)	$ (3,437)	$ (2,611)
Basic and diluted net loss per share	$ (0.26)	$ (0.05)	$ (0.08)	$ (0.03)	$ (0.06)	$ (0.04)
Weighted average number of shares outstanding	24,366	35,962	34,858	49,424	57,537	64,853

	As of December 31,				
	1997	1998	1999	2000	2001
	(in thousands)				
Balance Sheet Data:					
Cash and cash equivalents	$ 1,750	$ 2,841	$ 5,275	$ 2,612	$ 4,502
Working capital	356	2,099	5,004	1,735	3,666
Total assets	2,450	3,449	5,780	3,067	4,979
Convertible debenture current				500	
Stockholders' equity	1,034	2,631	5,451	2,126	4,051

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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, 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. These 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 $2,611,361 for the year ended December 31, 2001, and as of December 31, 2001, our accumulated deficit was $18,251,033.

All of our revenue to date has been derived from interest earned on invested funds and license fees. 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. 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.

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 may 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 own 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 December 31, 2001 was $4,502,387. We believe this cash will be sufficient to fund our operations through December 2002. 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 shareholders, and debt financing, if available, may involve restrictive covenants on our business. 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 with a short operating history, 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.

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.

We do not anticipate that any of our proposed products will receive the requisite regulatory approvals for commercialization in the United States or abroad until approximately late 2003, or later,

if at all, and we cannot assure you that any of our proposed products, if approved and marketed, will generate significant product revenue and provide an acceptable return on our investment.

Our strategy to acquire products in the late-stage development phase or products already on the market is risky and the market for acquiring these products is competitive.

We may acquire, through outright purchase, license, joint venture or other methods, products in the late-stage development phase and assist in the final development and commercialization of those products or products already on the market. There are a number of companies that have similar strategies to ours, many of whom have substantially greater resources than us. It is difficult to determine the value of a product that has not been fully developed or commercialized, and the possibility of significant competition for these products may tend to increase the cost to us of these products beyond the point at which we will experience an acceptable return on our investment. We cannot assure you that we will be able to acquire any products on commercially acceptable terms or at all, that any product we may acquire will be approved by the FDA or if approved, will be marketable, or that even if marketed, that we will be able to obtain an acceptable return on our investment.

If we purchase any products, we could issue common or preferred stock that would dilute our existing stockholders' percentage ownership, incur substantial debt or assume contingent liabilities by paying cash for such products. For example, we paid a $1.0 million upfront license fee for our hormone replacement products in June 2000. In September 2000, we sublicensed some of these products to a Canadian company and in connection with this transaction and subject to our achieving certain milestones we agreed to sell shares of our common stock to this licensee in the future at a premium of the then market value of our common stock. Purchases of new products also involve numerous other risks, including:

problems assimilating the purchased products;

unanticipated costs associated with the purchase;

incorrect estimates made in the accounting for acquisitions; and

risks associated with entering markets in which we have no or limited prior experience.

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.

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 may 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.

If we fail to obtain an adequate level of reimbursement for our products by third party payors, there may be no commercially viable markets for our products.

Our ability to commercialize our products successfully will depend in part upon the price we may be able to charge for our products and on the extent to which reimbursement for the cost of our products and related treatment will be available from government health administration authorities, private health insurers and other third party payors. We currently have limited expertise obtaining reimbursement. We will need to seek additional reimbursement expertise unless we enter into collaborations with other companies with the necessary expertise. Even if we are able to obtain reimbursement from third party payors, we cannot be certain that reimbursement rates will be high enough to allow us to profit from sales of our products and realize an acceptable return on our investment in product development.

We license the technology underlying our hormone replacement products and our CAP technology from third parties and may lose the rights to license them.

We license the technology underlying our proposed hormone replacement products from Antares Pharma, Inc. and 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 replacement 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 replacement 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 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 ensure the protection of our intellectual property for a number of other reasons:

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.

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.

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, chemical 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. We are not the stated beneficiary of key person life insurance on any of our key personnel. 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 our common stock is traded on the OTC Bulletin Board, your ability to sell your shares in the secondary trading market may be limited.

Our common stock currently is traded on the over-the-counter market on the OTC Bulletin Board. Consequently, the liquidity of our common stock is impaired, not only in the number of shares that are bought and sold, but also through delays in the timing of transactions, and

coverage by security analysts and the news media, if any, of our company. As a result, prices for shares of our common stock may be lower than might otherwise prevail if our common stock was quoted on the Nasdaq Stock Market or traded on a national securities exchange, like The New York Stock Exchange or American Stock Exchange.

Because our shares are "penny stocks," you may have difficulty selling them in the secondary trading market.

Federal regulations under the Securities Exchange Act of 1934 regulate the trading of so-called "penny stocks," which are generally defined as any security not listed on a national securities exchange or Nasdaq, priced at less than $5.00 per share and offered by an issuer with limited net tangible assets and revenues. Since our common stock currently trades on the OTC Bulletin Board at less than $5.00 per share, our common stock is a "penny stock" and may not be traded unless a disclosure schedule explaining the penny stock market and the risks associated therewith is delivered to a potential purchaser prior to any trade.

In addition, because our common stock is not listed on Nasdaq or any national securities exchange and currently trades at less than $5.00 per share, trading in our common stock is subject to Rule 15g-9

under the Exchange Act. Under this rule, broker-dealers must take certain steps prior to selling a "penny stock," which steps include:

obtaining financial and investment information from the investor;

obtaining a written suitability questionnaire and purchase agreement signed by the investor; and

providing the investor a written identification of the shares being offered and the quantity of the shares.

If these penny stock rules are not followed by the broker-dealer, the investor has no obligation to purchase the shares. The application of these comprehensive rules will make it more difficult for broker-dealers to sell our common stock and our stockholders, therefore, may have difficulty in selling their shares in the secondary trading market.

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 and and under other registration statements, 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. We filed this registration statement pursuant to subscription agreements with the holders of the common stock and warrants purchased in our April 2001 private placement. We are required under these subscription agreements to use our reasonable best efforts to cause this registration statement to remain effective until the earlier of (1) the sale of all the shares of our common stock covered by this registration statement; or (2) such time as the selling stockholders named in this registration statement become eligible to resell the shares of BioSante common stock and the shares of BioSante common stock issuable upon exercise of warrants pursuant to Rule 144(k) under the Securities Act.

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

Our common stock has been listed on the OTC Bulletin Board since May 2000. 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.

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; and

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

We refer you to "Description of Securities Undesignated Preferred Stock; Anti-Takeover Provisions of Delaware Law" for more information on the specific provisions of our certificate of incorporation, our bylaws and Delaware law that could discourage, delay or prevent a change of control of our company.

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 50.5% 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 existing stockholders and could decrease the market price of our common stock.

As of April 1, 2002, we had issued and outstanding 63,218,798 shares of common stock, 4,666,024 shares of our Class C stock and outstanding options and warrants to purchase 24,210,157 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.

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS

This prospectus 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 raising of additional capital through future equity financings;
- 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; and
- our existing cash and whether and how long these funds will be sufficient to fund our operations.

These and other forward-looking statements are primarily in the sections entitled "Risk Factors," "Management's Discussion and Analysis of Financial Conditions and Results of Operations" and "Business." Generally, you can identify these statements because they use phrases like "anticipates," "believes," "expects," "future," "intends," "plans," and similar terms. 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 of this prospectus. 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 elsewhere in this prospectus.

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, 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 elsewhere in this prospectus 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 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.

USE OF PROCEEDS

BioSante 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 April 2001 and other registration rights obligations we owe to previous investors in BioSante. The net proceeds from our sale of these shares to the selling stockholders in May 1999 and in April 2001 has been and will be used for general corporate purposes, including working capital.

DIVIDEND POLICY

We never have declared or paid cash dividends on our common stock or our class C special stock. We currently intend to retain all future earnings for the operation and expansion of our business. We do not anticipate declaring or paying cash dividends on our common stock or class C special stock in the foreseeable future. Any payment of cash dividends on our common stock or class C special stock will be at the discretion of our Board of Directors and will depend upon our results of operations, earnings, capital requirements, contractual restrictions and other factors deemed relevant by our Board of Directors.

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 a private transaction in May 1999 or in April 2001. The following table sets forth information known to BioSante with respect to the beneficial ownership of BioSante common stock as of April 1, 2002 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 April 1, 2002. 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 63,218,798 shares of common stock outstanding as of April 1, 2002. 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 BioSante 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, BioSante is unable to determine the exact number of shares that will actually be sold or when or if these sales will occur. BioSante will not receive any of the proceeds from the sale of the shares offered under this prospectus.

	Shares Beneficially Owned Prior to the Offering				Shares Beneficially Owned After Completion of the Offering	
Selling Stockholder	Shares Subject to Options, Warrants, and Class C Special Stock	Total Shares Beneficially Owned	Percentage	Number of Shares Being Offered	Number	Percentage
Edward S. Loeb Revocable Trust	187,500	562,500	*	312,500	250,000	*
Sherwin and Sheri Zuckerman	500,000	1,500,000	2.4%	750,000	750,000	1.2%
	151,250	453,750	*	203,750	250,000	*

	Shares Beneficially Owned Prior to the Offering				Shares Beneficially Owned After Completion of the Offering	
The Levenstein & Resnick Profit Sharing Plan & Trust by Gary I. Levenstein						
James S. Levy	31,250	93,750	*	93,750		
James S. Levy Trust	125,000	375,000	*	125,000	250,000	*
Stephen M. Simes(1)	3,031,771	3,945,630	6.0%	125,000	3,820,630	5.8%
Stephen M. Simes Revocable Trust	62,500	187,500	*	187,500		
Irving B. Harris Trust	583,334	1,750,001	2.8%	1,000,001	750,000	1.2%
Virginia H. Polsky Trust	291,666	874,999	1.4%	499,999	375,000	*
Roxanne H. Frank Trust	388,889	1,166,666	1.9%	666,666	500,000	*
Couderay Partners	388,889	1,166,666	1.9%	666,666	500,000	*
Jerome Kahn, Jr. Revocable Trust	97,223	291,668	*	166,668	125,000	*
Fred Holubow(2)	287,500	662,500	1.0%	312,500	350,000	*
Mitchell I. Dolins Revocable Trust	225,000	675,000	1.1%	300,000	375,000	*
Sheldon M. Bulwa	125,000	375,000	*	250,000	250,000	*
Morningstar Trust(3)	325,000	1,125,000	1.8%	475,000	650,000	1.0%

Faye Morgenstern(3)	100,000	300,000	*	300,000		
Victor Morgenstern(3)	1,050,000	2,950,000	4.6%	1,350,000	1,600,000	2.5%
Sibylla M. Mueller	312,500	937,500	1.5%	937,500		
Hermann S. Graf Zu Munster	312,500	937,500	1.5%	937,500		
Adolf Leuze	62,500	187,500	*	187,500		
Boyd B. Massagee, Jr.	78,125	234,375	*	234,375		
Anne Marie Nicholson Trust	18,750	56,250	*	56,250		
Roscoe F. Nicholson III Trust	18,750	56,250	*	56,250		
Shirley M. Nicholson	31,250	93,750	*	93,750		
Roscoe F. Nicholson II	137,500	412,500	*	412,500		
Eberhard Thyssen	125,000	375,000	*	375,000		
Florence A. Browning	12,500	37,500	*	37,500		
John E. Urheim	31,250	93,750	*	93,750		
Egandale Associates	31,250	93,750	*	93,750		
Rotter Family Partnership	125,000	375,000	*	375,000		
Nancy Butler	62,500	187,500	*	187,500		
John E. Lee	206,250	218,750	*	18,750	200,000	*
Phillip B. Donenberg(4)	939,948	998,665	1.6%	18,750	979,915	1.5%
Steven J. Bell(5)	268,542	282,292	*	5,625	276,667	*
Ann Lehman(6)	50,000	150,000	*	150,000		
Leah M. Lehman(6)	374,000	749,000	1.2%	562,500	186,500	*
James J. Pelts	25,000	75,000	*	75,000		
Bradley S. Glaser & Amy E. Glaser as Tenants by the Entirety	31,250	93,750	*	93,750		
Lawrence B. Dolins	18,750	56,250	*	56,250		
James G. Hart	62,500	187,500	*	187,500		
Robert Leder, DDS	31,250	93,750	*	93,750		
James G. Johnson Trust	125,000	375,000	*	375,000		
Robert Q. Calloway Trust	62,500	187,500	*	187,500		
Patricia L. Calloway Trust	62,500	187,500	*	187,500		
GOC Irr Tr U/A J.C. Warriner(7)	166,666	499,999	*	499,999		
GOC Irr Tr U/A J.O. Cunningham(7)	166,667	500,002	*	500,002		
John S. Warriner(7)	500,000	1,500,000	2.4%	1,500,000		
GOC Irr Tr U/A A.C. McClure(7)	166,666	499,999	*	499,999		
C. Frederick Cunningham II Revocable Trust(7)	125,000	375,000	*	375,000		
Goldstein Asset Management	62,500	187,500	*	62,500	125,000	*
Lawrence Goldstein	62,500	187,500	*	62,500	125,000	*
John and Joanna Ruder	125,000	375,000	*	125,000	250,000	*
Ronald Nash	125,000	375,000	*	125,000	250,000	*
Stanley Ho(8)	750,000	2,250,000	3.6%	750,000	1,500,000	2.4%
King Cho Fung	1,375,000	4,325,000	6.8%	750,000	3,575,000	5.7%
Marcus Jebsen	750,000	2,250,000	3.6%	250,000	2,000,000	3.2%
Hans Michael Jebsen	1,750,000	5,250,000	8.2%	750,000	4,500,000	7.1%
Howard Schraub	125,000	125,000	*	125,000		

Anita Nagler	750,000	2,250,000	3.6%	750,000	1,500,000	2.4%
Jarvis H. Friduss	62,500	187,500	*	62,500	125,000	*
Gary N. Wilner	125,000	375,000	*	125,000	250,000	*
Steven J. Reid	250,000	750,000	1.2%	250,000	500,000	*
Resolute Partners(3)	250,000	750,000	1.2%	250,000	500,000	*
JO & Co.(7)	3,750,000	11,250,000	17.1%	3,750,000	7,500,000	12.1%

*
Less than one percent (1%)

(1)
Mr. Simes is the Vice Chairman, President and Chief Executive Officer of BioSante.

(2)
Mr. Holubow is a director of BioSante.

(3)
Mr. Morgenstern beneficially owns a total of 5,050,000 shares of BioSante common stock. Of these shares, 300,000 shares are owned by Faye Morgenstern, Mr. Morgenstern's wife, and 825,000 shares held by Mr. Morgenstern's wife as trustee of

the Morgenstern Trust, as to which Mr. Morgenstern disclaims control, direction or beneficial ownership. Mr. Morgenstern is a director of BioSante. Mr. Morgenstern is the managing director of Resolute Partners L.P.

(4)
Mr. Donenberg is the Chief Financial Officer, Treasurer and Secretary of BioSante.

(5)
Dr. Bell is the Vice President, Research and Pre-Clinical Development of BioSante.

(6)
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.

(7)
Ross Mangano, a director of BioSante, 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. Mr. Mangano is President of JO & Co.

(8)
Mr. Ho is the father of Angela Ho, a director of BioSante. Ms. Ho disclaims beneficial ownership of Stanley Ho's shares.

PLAN OF DISTRIBUTION

The selling stockholders acquired their shares of BioSante common stock and warrants to purchase BioSante common stock directly from us in a private transaction in either May 1999 or April 2001. To our knowledge, none of the selling stockholders has entered into any agreement, arrangement or understanding with any particular broker or market maker with respect to the shares offered under this prospectus, nor do we know the identity of any broker or market maker that will participate in the offering. The shares of common stock may be offered and sold from time to time by the selling stockholders or by their respective pledgees, donees, transferees and other successors in interest.

The selling stockholders will act independently of us in making decisions with respect to the timing, manner and size of each sale. Sales may be made over the OTC Bulletin Board, in the over-the-counter market, in privately negotiated transactions or otherwise, at then prevailing market prices, at prices related to prevailing market prices or at negotiated prices. Sales may be made directly or through agents designated from time to time or through dealers or underwriters to be designated or in negotiated transactions. The shares may be sold by one or more of, or a combination of, the following methods:

a block trade in which the broker-dealer engaged by a selling stockholder will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;

purchases by the broker-dealer as principal and resale by the broker or dealer for its account pursuant to this prospectus;

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

privately negotiated transactions.

BioSante has been advised by the selling stockholders that they have not, as of the date of this prospectus, entered into any arrangement with a broker-dealer for the sale of shares through a block trade, special offering, or secondary distribution of a purchase by a broker-dealer. In effecting sales, broker-dealers engaged by the selling stockholders may arrange for other broker-dealers to participate. Broker-dealers will receive commissions or discounts from the selling stockholders in amounts to be negotiated immediately prior to the sale.

In connection with distributions of the shares or otherwise, the selling stockholders may, if permitted by law, also enter into hedging transactions. For example, the selling stockholders may:

enter into transactions involving short sales of the shares of common stock by broker-dealers;

sell shares of common stock short and redeliver these shares to close out the short position;

enter into option or other types of transactions that require the selling stockholders to deliver shares of common stock to a broker-dealer, who will then resell or transfer the shares of common stock under this prospectus; 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.

Broker-dealers or agents may receive compensation in the form of commissions, discounts or concessions from the selling stockholders or the purchasers of the common stock in amounts to be negotiated in connection with the sale. Broker-dealers and any other participating broker-dealers may be deemed to be underwriters within the meaning of the Securities Act of 1933 in connection with the sales, and any commission, discount or concession may be deemed to be underwriting discounts or commissions under the Securities Act. In addition, any securities covered by this prospectus which qualify for sale under Rule 144 of the Securities Act may be sold under Rule 144 rather than under this prospectus. No period of time has been fixed within which the shares covered by this prospectus may be offered and sold.

We have advised the selling stockholders that the anti-manipulation rules under the Exchange Act of 1934 may apply to sales of shares in the market and to the activities of the selling stockholders and their affiliates.

This offering will terminate on the earlier to occur of:

the date on which all shares offered have been sold by the selling stockholders; or

the date on which all shares held by a selling shareholder may be sold by such selling stockholder in compliance with Rule 144 under the Securities Act within any three-month period.

We will pay the expenses of registering the shares under the Securities Act, including registration and filing fees, printing expenses, fees and disbursements of our counsel and accountants, all of our internal expenses, and all legal fees and disbursements and other expenses of

complying with state securities or blue sky laws of any jurisdictions in which the securities to be offered are to be registered or qualified. The selling stockholders will bear all discounts, commissions or other amounts payable to underwriters, dealers or agents.

To the extent required, this prospectus may be amended or supplemented from time to time to describe a specific plan of distribution or a corporate development. At the time a particular offer of shares is made, if required, a prospectus supplement will be distributed that will set forth the number of shares being offered and the terms of the offering, including the name of any underwriter, dealer or agent, the purchase price paid by any underwriter, any discount, commission and other item constituting compensation, any discount, commission or concession allowed or reallowed or paid to any dealer, and the proposed selling price to the public.

PRICE RANGE OF COMMON STOCK

Our common stock has traded in the United States in the over-the-counter market on the OTC Bulletin Board, under the symbol "BTPH," since May 5, 2000. Our common stock traded in Canada on the Canadian Venture Exchange, formerly known as the Alberta Stock Exchange, under the symbol "BAI," from December 20, 1996 to July 20, 2001. From September 10, 1999 to May 4, 2000, our common stock was traded in the United States on the National Quotation Bureau, commonly referred to as the "Pink Sheets," under the symbol "BTPH."

The following table sets forth, in U.S. dollars and in dollars and cents (in lieu of fractions), the high and low sales prices for each of the calendar quarters indicated, as reported by the OTC Bulletin Board and the Pink Sheets. The prices in the table may not represent actual transactions. These quotations reflect inter-dealer prices, without retail mark up, mark down or commissions and may not represent actual transactions.

OTC Bulletin Board

	High	Low
2002		
First Quarter	$ 0.79	$ 0.51

	High	Low
2001		
First Quarter	$ 0.75	$ 0.38
Second Quarter	$ 1.07	$ 0.39
Third Quarter	$ 1.00	$ 0.46
Fourth Quarter	$ 1.05	$ 0.48

	High	Low
2000		
Second Quarter	$ 1.25	$ 0.47
Third Quarter	$ 1.03	$ 0.80
Fourth Quarter	$ 0.92	$ 0.52

National Quotation Bureau ("Pink Sheets")

	High	Low
2000		
First Quarter	$ 1.50	$ 0.28

The following table sets forth, in U.S. dollars and in dollars and cents (in lieu of fractions), the high and low sales prices for each of the calendar quarters indicated, as reported by the Canadian Venture Exchange.

Canadian Venture Exchange

	High	Low
2001		
First Quarter	$ 0.72	$ 0.46
Second Quarter	$ 1.07	$ 0.35

	High	Low
2000		
First Quarter	$ 1.38	$ 0.22
Second Quarter	$ 1.07	$ 0.46
Third Quarter	$ 1.01	$ 0.71
Fourth Quarter	$ 0.95	$ 0.49

As of April 1, 2002, there were 1,622 record holders of our common stock and 10 record holders of our class C stock.

SELECTED CONSOLIDATED FINANCIAL DATA

The selected statement of operations data shown below for the years ended December 31, 1999, 2000 and 2001 and the balance sheet data as of December 31, 2000 and 2001 are derived from our audited financial statements included elsewhere in this prospectus. The selected statement of operations data shown below for the period from August 29, 1996 (date of incorporation) to December 31, 1996 and for the years ended December 31, 1997 and 1998 and the balance sheet data as of December 31, 1996, 1997, 1998 and 1999 are derived from our audited financial statements not included elsewhere in this prospectus. When you read this selected consolidated financial data, it is important that you also read the historical financial statements and related notes included in this prospectus, as well as "Management's Discussion and Analysis of Financial Condition and Results of Operations." Historical results are not necessarily indicative of future results.

	Period from August 29, 1996 (date of incorporation) to December 31, 1996	Year Ended December 31,				
		1997	1998	1999	2000	2001
	(in thousands, except per share and share data)					
Statement of Operations Data:						
Licensing income	$	$	$	$	$	$ 1,747
Interest income	53	144	123	199	228	174
Total income	53	144	123	199	228	1,921
Expenses:						
Research and development		336	1,400	661	1,888	2,142
General and administration	547	1,618	1,112	853	1,679	2,299

	Period from August 29, 1996 (date of incorporation) to December 31, 1996	Year Ended December 31,				
Depreciation and amortization	1	52	140	91	98	93
Loss on disposal of capital assets		28	130			
Total expenses	548	2,034	2,782	1,605	3,665	4,533
Loss before other expenses	(495)	(1,890)	(2,659)	(1,406)	(3,437)	(2,611)
Cost of acquisition of Structured Biologicals, Inc.	375					
Purchased in-process research and development	5,377					
Total other expenses	5,752					
Net loss	$ (6,247)	$ (1,890)	$ (2,659)	$ (1,406)	$ (3,437)	$ (2,611)
Basic and diluted net loss per share	$ (0.26)	$ (0.05)	$ (0.08)	$ (0.03)	$ (0.06)	$ (0.04)
Weighted average number of shares outstanding	24,366	35,962	34,858	49,424	57,537	64,853

	As of December 31,				
	1997	1998	1999	2000	2001
	(in thousands)				
Balance Sheet Data:					
Cash and cash equivalents	$ 1,750	$ 2,841	$ 5,275	$ 2,612	$ 4,502
Working capital	356	2,099	5,004	1,735	3,666
Total assets	2,450	3,449	5,780	3,067	4,979
Convertible debenture current				500	
Stockholders' equity	1,034	2,631	5,451	2,126	4,051

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion of BioSante's financial condition and results of operations should be read in conjunction with BioSante's financial statements and related notes included elsewhere in this registration statement and the cautionary statements concerning forward-looking statements presented in the sections entitled "Risk Factors" and "Cautionary Statement Concerning Forward-Looking Statements."

General

We are a development stage biopharmaceutical company engaged in the development and commercialization of hormone replacement products to treat hormone deficiencies in men and women. We also are engaged in the development and commercialization of vaccine adjuvants or immune system boosters, proprietary novel vaccines, drug delivery systems and the purification of the milk of transgenic animals, all applications using calcium phosphate nanoparticles, or CAP.

Our hormone replacement products, which we license on an exclusive basis from Antares Pharma, Inc., address a variety of hormone deficiencies that affect both men and women.

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

LibiGel a transdermal testosterone gel in Phase II clinical development for treatment of female sexual dysfunction.

Bio-T-Gel a transdermal testosterone gel in development for testosterone deficiency in men.

Bio-E-Gel a transdermal gel containing estradiol in development for estrogen deficiency in women, including menopausal symptoms.

Bio-E/P-Gel a transdermal gel containing estrogen and progestogen in development for estrogen deficiency.

LibiGel-E/T a transdermal gel containing estrogen and testosterone in development for treatment of female sexual dysfunction.

These gel products are designed to be quickly absorbed through the skin after application on the arms, 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.

Under the terms of our license agreement with Antares, we acquired exclusive development and marketing rights, with the right to grant sub-licenses, to the single active ingredient testosterone and estradiol products for all therapeutic indications in the U.S., Canada, Mexico, Israel, Indonesia, New Zealand, China and South Africa. We acquired exclusive development and marketing rights, with the right to grant sub-licenses, for the combination estradiol and progestogen product in the U.S. and Canada. In partial consideration for the license of the hormone replacement products, we paid Antares an upfront license fee of $1.0 million. In addition, under the terms of the license agreement, we agreed to fund the development of the proposed products, make milestone payments and, after all necessary regulatory approvals are received, pay royalties to Antares on sales of the products.

In a series of amendments executed during 2001 between BioSante and Antares, BioSante returned to Antares the license rights to one of the four previously licensed hormone products, namely the estradiol patch, in all countries of the licensed territory. Additionally, BioSante returned to Antares the license rights to the single entity estrogen and testosterone gel products in Malaysia and Australia. In exchange for the return to Antares of the estradiol patch in all the countries and the single entity estradiol and testosterone gel products in Malaysia and Australia, Antares granted BioSante a credit for

approximately $600,000 of manufacturing and formulation services and a license for a transdermal hormone replacement gel combination of estradiol and testosterone.

In September 2000, we sub-licensed the marketing rights to our portfolio of female hormone replacement products in Canada to Paladin Labs Inc. In exchange for the sub-license, Paladin agreed to make an initial investment in our company, make future milestone payments and pay royalties on sales of the products in Canada. The milestone payments will be in the form of a series of equity investments by Paladin in BioSante common stock at a 10 percent premium to the market price of our stock at the time the equity investment is made. Upon execution of the sub-license agreement, Paladin made an initial investment of $500,000 in our company in the form of a convertible debenture, convertible into our common stock at $1.05 per share. On August 13, 2001, BioSante exercised its right and declared the debenture converted in full. Accordingly, 476,190 shares of BioSante common stock were issued to Paladin on August 23, 2001. During the third quarter 2001, Paladin made a series of equity investments in BioSante as a result of certain sub-licensing transactions and BioSante reaching certain milestones. These equity investments resulted in BioSante issuing an additional 189,394 shares of its common stock to Paladin.

On August 7, 2001, we entered into a sub-license agreement with Solvay Pharmaceuticals, B.V. covering the U.S. and Canadian rights to the estrogen/progestogen combination transdermal hormone replacement gel product licensed from Antares in June 2000. Under the terms of the

agreement, Solvay paid us an initial payment of $2.5 million ($1.7 million net of the related payments due to Antares and Paladin) and has agreed to make future milestone payments and pay escalating sales-based royalties. Solvay is responsible for all costs of development and marketing of the estrogen/progestogen combination transdermal hormone replacement gel product. We have retained co-promotion rights to the product and will be compensated for sales we generate over and above those attributable to Solvay's marketing efforts. The Canadian rights to this product had previously been sub-licensed to Paladin as part of that sub-license arrangement and were repurchased by us prior to the Solvay transaction in exchange for $125,000, paid by the issuance of 173,611 shares of BioSante common stock with a market value of $125,000 at the date of the transaction.

Our strategy with respect to our hormone replacement product portfolio is to conduct human clinical trials of our proposed hormone replacement products, which are required to obtain approval from the U.S. Food and Drug Administration, or FDA, to market the products in the United States.

Our strategy with respect to our CAP technology over the next 12 months is to continue development and actively seek collaborators and licensees to accelerate the development and commercialization of products incorporating this technology. We received clearance in August 2000 from the FDA to initiate a Phase I clinical trial of our CAP as a vaccine adjuvant and delivery system based on an Investigational New Drug Application that we filed in July 2000. The Phase I trial was a double-blind, placebo-controlled trial in 18 subjects to determine the safety of CAP as a vaccine adjuvant. The trial was completed in October 2000. The results showed that there was no apparent difference in side effect profile between CAP and placebo.

On October 1, 2001, BioSante licensed its Bio-Vant calcium phosphate based vaccine adjuvant on a non-exclusive basis to Corixa Corporation for use in several potential vaccines to be developed by Corixa. This is the first license agreement signed by BioSante for the development of CAP as a vaccine adjuvant. Under the agreement, Corixa has agreed to pay BioSante milestone payments upon the achievement by Corixa of certain milestones plus royalty payments on sales by Corixa if and when vaccines are approved using Bio-Vant and sold on a commercial basis. If Corixa sub-licenses vaccines that include Bio-Vant, BioSante will share in milestone payments and royalties received by Corixa. The license agreement covers access to Bio-Vant for a variety of cancer, infectious and auto immune disease vaccines.

Our goal is to develop and commercialize our portfolio of hormone replacement products and CAP technology into a wide range of pharmaceutical products and to expand this product portfolio as appropriate. Our strategy to obtain this goal is to:

- Accelerate the development of our hormone replacement products.
- Continue to develop our nanoparticle-based CAP platform technology and seek assistance in the development through corporate partner sub-licenses.
- Implement business collaborations or joint ventures with other pharmaceutical and biotechnology companies.
- License or otherwise acquire other drugs that will add value to our current product portfolio.

We currently expect that we will add employees as we continue to develop and commercialize our hormone replacement products and products incorporating our CAP technology or in-license or otherwise acquire products in late-stage human clinical development.

All of our revenue to date has been derived from interest earned on invested funds and license payments earned on sub-licensing transactions. We have not commercially introduced any products. Since our inception, we have experienced significant operating losses. We incurred a net loss of $2,611,361 for the year ended December 31, 2001, resulting in an accumulated deficit of $18,251,033. We expect that we will incur substantial and continuing losses for the foreseeable future as our product development programs expand and various preclinical and clinical trials commence. The amount of these losses may vary significantly from year-to-year and quarter-to-quarter and will depend upon, 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 proposed products in pre-clinical development, in late-stage human clinical development, 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.

Results of Operations

Year Ended December 31, 2001 Compared to Year Ended December 31, 2000

General and administrative expenses increased from $1,678,581 during the year ended December 31, 2000 to $2,298,659 during the year ended December 31, 2001. This increase of approximately 37% is due primarily to expenses related to personnel-related expenses and the higher legal expenses related to the increase in our patent, collaboration and licensing activities.

Research and development expenses increased from $1,887,832 during the year ended December 31, 2000 to December 31$2,141,944 during the year ended December 31, 2001. This overall increase is the result of increased expenses during the year ended December 31, 2001 associated with the clinical development of our hormone replacement product portfolio and payment to Antares for certain manufacturing and formulation services, offset by a $1.0 million upfront license fee paid to Antares during the year ended December 31, 2000. 2001 also included recognition of a $250,000 credit

from Antares, which represented the portion of the initial $1.0 million upfront license fee paid in 2000 which was creditable against future payments. As a result of our hormone replacement product in-license agreement with Antares, we expect to continue to incur significant expenses, primarily relating to our research and development activities. Management estimates that it is currently expending approximately $200,000 to $250,000 per month on research and development activities and approximately $350,000 to $400,000 per month in total expenses, including research and development activities. We are required under the terms of our license agreement with the University of California to have available certain amounts of funds dedicated to research and development activities. The amount of BioSante's actual research and development expenditures, however, may fluctuate from quarter-to-quarter and year-to-year depending on: (1) the resources available; (2) our development schedule; (3) results of studies, clinical trials and regulatory decisions; and (4) competitive developments.

On August 7, 2001, we entered into a sub-license agreement with Solvay Pharmaceuticals, B.V. covering the U.S. and Canadian rights to the estrogen/progestogen combination transdermal hormone replacement gel product licensed from Antares in June 2000. Under the terms of the agreement, Solvay paid us an initial payment of $2.5 million ($1.7 million net of the related payments due to Antares and Paladin) and has agreed to make future milestone payments and pay escalating sales-based royalties. Solvay is responsible for all costs of development and marketing of the estrogen/progestogen combination transdermal hormone replacement gel product. We have retained co-promotion rights to the product and will be compensated for sales we generate over and above those attributable to Solvay's marketing efforts. The Canadian rights to this product had previously been sub-licensed to Paladin as part of that sub-license arrangement and were repurchased by us prior to the Solvay transaction in exchange for $125,000, paid by the issuance of 173,611 shares of BioSante common stock with a market value of $125,000 at the date of the transaction.

Interest income decreased from $227,718 during the year ended December 31, 2000 to $174,416 during the year ended December 31, 2001 as a result of lower average cash balances in 2001 and as a result of lower interest rates on invested cash balances in 2001. We expect interest income to decline in future periods as we use our cash balances for operations.

BioSante incurred a net loss of $2,611,361 for the year ended December 31, 2001, compared to a net loss of $3,437,195 for the year ended December 31, 2000. The overall decrease in the net loss is the result of a $1.0 million upfront license fee paid to Antares during the year ended December 31, 2000, offset by the combination of $1.7 million, net, in revenue from a sub-license upfront payment received by BioSante and increased expenses during the year ended December 31, 2001 associated with (1) personnel-related expenses, (2) legal expenses related to increased patent, collaboration and licensing activities, and (3) increased expenses associated with the clinical development of our hormone replacement product portfolio and payment to Antares for certain manufacturing and formulation services. We anticipate that our operating losses will continue for the foreseeable future.

Year Ended December 31, 2000 Compared to Year Ended December 31, 1999

General and administrative expenses increased from $853,389 during the year ended December 31, 1999 to $1,678,581 during the year ended December 31, 2000. This increase of approximately 97% is due primarily to expenses related to personnel-related expenses and the higher legal expenses related to the increase in our patent, collaboration and licensing activities.

Research and development expenses increased from $660,588 during the year ended December 31, 1999 to $1,887,832 during the year ended December 31, 2000. This overall increase is the result of a $1.0 million upfront license fee paid to Antares during the year ended December 31, 2000 and increased expenses related to the clinical development of our hormone replacement product portfolio.

Interest income increased from $198,683 during the year ended December 31, 1999 to $227,718 during the year ended December 31, 2000 as a result of higher average cash balances in 2000.

BioSante incurred a net loss of $3,437,195 for the year ended December 31, 2000, compared to a net loss of $1,406,259 for the year ended December 31, 1999. The overall increase in the net loss is the result of a $1.0 million upfront license fee paid to Antares during the year ended December 31, 2000, in addition to increases in (1) personnel-related expenses, (2) legal expenses related to increased patent, collaboration and licensing activities, and (3) expenses associated with the clinical development of our hormone replacement product portfolio.

Liquidity and Capital Resources

To date, we have raised equity financing and received licensing income to fund our operations, and we expect to continue this practice to fund our ongoing operations. Since inception, we have raised net proceeds of approximately $12.9 million from private equity financings, class A and class C stock conversions, warrant exercises and in the third quarter 2000, the issuance of a $500,000 convertible debenture, which was converted into 476,190 shares of common stock in the third quarter of 2001. In addition, as a result of licensing upfront payments and milestones, we have received an additional $2.1 million.

Our cash and cash equivalents were $4,502,387 and $2,611,755 at December 31, 2001 and 2000, respectively. The increase in our cash balance is due to our $3.7 million private placement that closed in April 2001, and the $2.5 million upfront payment received from Solvay in 2001 from the sub-license of one of our proposed hormone replacement transdermal gel products, offset by continued expenditures related to the clinical development of our hormone replacement products.

We used cash in operating activities of $1,823,820 for the year ended December 31, 2001 versus cash used in operating activities of $3,149,604 for the year ended December 31, 2000. This decrease reflects the combination of the upfront payment received from Solvay in 2001, offset by cash expenditures associated with: (1) increased general and administrative and research and development personnel-related expenses, (2) legal fees associated with the increase in patent, licensing and collaboration activities; and (3) increased expenses related to the clinical development of our hormone replacement product portfolio and expenses related to manufacturing and formulation services provided by Antares. Offsetting these increased expenses for the year ended December 31, 2001 is the recognition of $1.7 million of licensing revenues pursuant to the Solvay sub-license agreement versus the year ended December 31, 2000 and the $1.0 million upfront license fee payment to Antares paid in June 2000. Net cash used in investing activities was $86,735 for the year ended December 31, 2001 versus $43,238 for the year ended December 31, 2000. The significant uses of cash in investing activities for the year ended December 31, 2001 and 2000 included capital expenditures for computer equipment. Additionally, during the year ended December 31, 2001, we relocated our business office thus incurring the capital expenditures of used office equipment and furniture. Net cash provided by financing activities was $3,801,187 for the year ended December 31, 2001 compared to $530,045 for the year ended December 31, 2000. Net cash provided during 2001 was primarily the result of $3.7 million cash proceeds pursuant to our private placement of common stock and warrants which closed in April 2001 and licensing milestone payments received while net cash provided during 2000 was primarily the result of a $500,000 convertible debenture issued to Paladin Labs Inc. pursuant to a sub-license agreement related to our proposed female hormone replacement products.

We used cash in operating activities of $3,149,604 for the year ended December 31, 2000 versus cash used in operating activities of $1,787,822 for the year ended December 31, 1999. This change was driven by the increase in research and development expenses, including the hormone product portfolio in-license upfront payment of $1.0 million to Antares Pharma, Inc. during 2000. Net cash used in investing activities was $43,238 for the year ended December 31, 2000 versus $4,219 for the year ended

December 31, 1999. The significant uses of cash in investing activities for the year ended December 31, 2000 were capital expenditures for the purchase of office furniture and computer equipment. The significant uses of cash in investing activities for the year ended December 31, 1999 included capital expenditures for office furniture and a computer. Net cash provided by financing activities was $530,045 for the year ended December 31, 2000 compared to $4,225,343 for the year ended December 31, 1999. Net cash provided during 2000 was primarily the result of a $500,000 convertible debenture issued to Paladin Labs Inc. pursuant to a sub-license agreement related to our proposed female hormone replacement products. Net cash provided in 1999 was primarily the result of our private placement in May 1999.

We currently do not have sufficient resources to complete the commercialization of any of our proposed products. Therefore, we will likely need to raise substantial additional capital to fund our operations. 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 own product development programs or pass on opportunities to in-license or otherwise acquire new products that we believe may be beneficial to our business. We expect to continue to spend capital on:

- research and development programs;
- pre-clinical studies and clinical trials;
- regulatory processes;
- establishment of our own marketing capabilities or a search for third party manufacturers and marketing partners to manufacture and market our products for us; and
- the licensure or acquisition of new products.

The amount of capital we may need will depend on many factors, including the:

- progress, timing and scope of our research and development programs;
- progress, timing and scope of our pre-clinical studies and clinical trials;
- time and cost necessary to obtain regulatory approvals;
- time and cost necessary to seek third party manufacturers to manufacture our products for us;
- time and cost necessary to establish our own sales and marketing capabilities or to seek marketing partners to market our products for us;
- time and cost necessary to respond to technological and market developments;

changes made or new developments in our existing collaborative, licensing and other commercial relationships; and

new collaborative, licensing and other commercial relationships that we may establish.

Commitments

We have several financial commitments, including those relating to our license agreement with the University of California.

Under our license agreement with the University of California, we are required to:

pay minimum annual royalties on February 28 of each year beginning in the year 2004 in the amounts set forth below, to be credited against earned royalties, for the life of the agreement;

Year	Minimum Annual Royalty Due	
2004	$	50,000
2005	$	100,000
2006	$	150,000
2007	$	200,000
2008	$	400,000
2009	$	600,000
2010	$	800,000
2011	$	1,500,000
2012	$	1,500,000
2013	$	1,500,000

maintain an annual minimum amount of available capital for development and commercialization of products incorporating the licensed technology until a product is introduced to the market; and

pay the costs of patent prosecution and maintenance of the patents included in the agreement.

In addition, our license agreement with Antares, the licensor of our hormone products, requires us to make certain payments as development milestones are achieved and our license agreement with the University of California, requires us to have available minimum amounts of funds each year for research and development activities relating to our licensed technology and to achieve research and development milestones. Moreover, our fixed expenses, such as rent, license payments and other contractual commitments, may increase in the future, as we may:

enter into additional leases for new facilities and capital equipment;

enter into additional licenses and collaborative agreements; and

incur additional expenses associated with being a public company.

In addition to the commitments to the University of California, we also have minimum annual lease payments.

The following table summarizes the timing of these future contractual obligations and commitments:

Contractual Obligations	Payments Due by Period				
	Total	Less Than 1 Year	1-3 Years	4-5 Years	After 5 Years
Operating Leases	$ 274,688	$ 142,811	$ 131,877		
Commitments Under License Agreement with UCLA	6,800,000		50,000	$ 250,000	$ 6,500,000
Total Contractual Cash Obligations	$ 7,074,688	$ 142,811	$ 181,877	$ 250,000	$ 6,500,000

The capital equipment expenditures of $86,735 during 2001 were principally for the acquisition of office furniture and computer equipment. We expect to spend approximately $25,000 to $50,000 in capital expenditures during the next 12 months.

Outlook

We currently do not have sufficient resources to complete the commercialization of any of our proposed products. Based on our current cash resources, we believe we should be able to maintain our current pace and level of expenditures through December 2002, although no assurance can be given that we will not need additional cash prior to such time. Unexpected increases in general and administrative expenses and research and development expenses may cause us to need additional financing prior to December 2002. If we do not sell any of the shares offered in this offering, we believe our existing cash will be sufficient to fund our operations through December 2002. We have filed a shelf registration statement on Form SB-2 relating to a proposed best efforts, self-underwritten offering of up to $10,000,000 in shares of our common stock. If we are able to sell all of the shares offered in the shelf offering, we believe that with the net proceeds of the shelf offering and our existing cash, we will have sufficient working capital to meet our needs through December 2003. We have based these estimates, however, 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 shareholders, and debt financing, if available, may involve restrictive covenants on our business. 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 required under the terms of our license agreement with the University of California, however, to have available certain amounts of funds for research and development activities.

BUSINESS

General

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

To enhance the value of our current pharmaceutical portfolio, we are pursuing the following corporate growth strategies:

- accelerate the development of our hormone replacement products;
- continue to develop our nanoparticle-based platform technology, or CAP, and seek assistance in such development through corporate partner sub-licenses;

license or otherwise acquire other drugs that will add value to our current product portfolio; and

implement business collaborations or joint ventures with other pharmaceutical and biotechnology companies.

Our primary focus is to build a pipeline of hormone replacement products for the treatment of human hormone deficiencies. Symptoms of hormone deficiency in men include impotence, lack of sex drive, muscle weakness and osteoporosis, and in women, menopausal symptoms, such as hot flashes, vaginal atrophy, decreased libido and osteoporosis.

Our proposed hormone replacement products, which we license on an exclusive basis from Antares Pharma Inc., are gel formulations of testosterone, estradiol, a combination of estradiol and testosterone and a combination of estradiol and a progestogen. The gels are designed to be absorbed quickly through the skin after application on the arms, shoulders, abdomen or thighs, delivering the hormone to the bloodstream evenly and in a non-invasive, painless manner. Human clinical trials have begun on four of our proposed hormone replacement products, a necessary step in the process of obtaining United States Food and Drug Administration, or FDA, approval to market the products.

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

LibiGel a transdermal testosterone gel in Phase II clinical development for treatment of female sexual dysfunction.

Bio-T-Gel a transdermal testosterone gel in development for testosterone deficiency in men.

Bio-E-Gel a transdermal gel containing estradiol in development for estrogen deficiency in women, including menopausal symptoms.

Bio-E/P-Gel a transdermal gel containing estrogen and progestogen in development for estrogen deficiency.

LibiGel-E/T a transdermal gel containing estrogen and testosterone in development for treatment of female sexual dysfunction.

Our CAP technology, 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 immune system boosters, for drug delivery and to purify the milk of transgenic animals. We have identified four potential initial applications for our CAP technology:

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

the development of new, unique vaccines against diseases for which there currently are few or no effective methods of prevention (*e.g.*, genital herpes);

the creation of inhaled and oral 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 by selectively isolating biologically active therapeutic proteins from the transgenic milk.

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

Bio-Vant CAP adjuvant technology new proprietary CAP technology in development for improved versions of current vaccines and new vaccines against cancer, viral and bacterial infections and autoimmune diseases.

Bio-Air advanced proprietary technology using CAP as a delivery system for inhalable versions of therapies that currently must be injected.

CAP-Oral an advanced delivery system using proprietary CAP technology for oral administration of therapies that currently must be injected.

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

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 reincorporated in Delaware on June 26, 2001. Our company is the continuing corporation resulting from an amalgamation, or consolidation, of three companies our company, which was previously named "Ben-Abraham Technologies Inc.," Structured Biologicals Inc., a corporation organized under the laws of the Province of Ontario, and 923934 Ontario Inc., a corporation organized under the laws of the Province of Ontario and a wholly owned subsidiary of Structured Biologicals. The amalgamation was approved by our stockholders on November 27, 1996 and the articles of arrangement were filed and became effective as of December 6, 1996. In November 1999, our stockholders approved the change of our corporate name from Ben-Abraham Technologies Inc. to BioSante Pharmaceuticals, Inc. In June 2001, our stockholders approved the reincorporation of our company to Delaware.

On April 16, 2002, our board of directors adopted a resolution approving and recommending to our stockholders for their approval at our 2002 Annual Meeting of Stockholders to be held on May 21, 2002, a proposal to amend our Amended and Restated Certificate of Incorporation to effect a reverse stock split of our common stock and class C stock at a ratio to be established by our board of directors at a later date, which ratio may not exceed one-for-ten. If no reverse stock split is effected by the first anniversary of the Annual Meeting of Stockholders approving the reverse stock split, the board of directors' authority to effect the reverse stock split will terminate. The board of directors reserves the right to abandon the proposed reverse stock split without further action by our stockholders at any time prior to the filing of the Certificate of Amendment with the Delaware Secretary of State, notwithstanding authorization of the proposed amendment by our stockholders.

Business Strategy

Our goal is to develop and commercialize our hormone replacement products and CAP technology into a wide range of pharmaceutical products. Key elements of our strategy to obtain this goal are to:

Accelerate the development of our hormone replacement products. We are focused on building a pipeline of hormone replacement products for the treatment of human hormone deficiencies. Symptoms of hormone deficiency in men include impotence, lack of sex drive, muscle weakness

and osteoporosis, and in women, menopausal symptoms, such as hot flashes, vaginal atrophy, decreased libido and osteoporosis. Human clinical trials have begun on four of our proposed hormone replacement products, a necessary step in the process of obtaining FDA approval to market the products.

Continue to develop our nanoparticle-based CAP platform technology and seek assistance in the development through corporate partner sub-licenses. We are seeking opportunities to enter into business collaborations, joint ventures or sub-licenses with companies that have businesses or technologies complementary to our CAP technology business, such as vaccine and drug delivery pharmaceutical companies and transgenic milk companies. We believe that this partnering strategy will enable us to capitalize on our partners' strengths in product development, manufacturing and commercialization and thereby enable us to introduce into the market products incorporating our CAP technology sooner than which we otherwise would be able. In addition, we believe these collaborations would significantly reduce our cash requirements for developing and commercializing products incorporating our CAP technology.

Implement business collaborations or joint ventures with other pharmaceutical and biotechnology companies. We intend to seek opportunities to enter into business collaborations or joint ventures with entities that have businesses or technology complementary to our business. We are particularly interested in entering into product co-development and co-marketing arrangements.

License or otherwise acquire other drugs that will add value to our current product portfolio. We intend to seek opportunities to in-license or otherwise acquire other products in the late-stage development phase or products already on the market. In seeking these opportunities, we intend to target products that cover therapeutic areas treated by a limited number of physicians and drugs that are in or require human clinical trials that involve a limited number of patients and not a significant amount of time and cost needed to complete them. We believe that targeting these products that are currently in or ready for human clinical trials would decrease the risks associated with product development and would likely shorten the time before we can introduce the products into the market. In addition to late-stage development products, we intend to seek opportunities to in-license or otherwise acquire products that (1) have FDA approval, (2) have been or are about to be commercially introduced into the U.S. markets, (3) have a concentrated physician prescriber audience, and (4) have the potential to generate significant sales. This element of our strategy is of a lower priority than the others since we currently have a full portfolio in development.

Description of Our Proposed Hormone Replacement Products

We are focused on building a pipeline of hormone replacement products to treat hormone deficiencies in men and women. Our proposed hormone replacement products are gel formulations of testosterone (the natural male hormone), estradiol (the natural female hormone), a combination of estradiol and testosterone and a combination of estradiol and a 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 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.

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

LibiGel a transdermal testosterone gel in Phase II clinical development for treatment of female sexual dysfunction.

Bio-T-Gel a transdermal testosterone gel in development for testosterone deficiency in men.

Bio-E-Gel a transdermal gel containing estradiol in development for estrogen deficiency in women, including menopausal symptoms.

Bio-E/P-Gel a transdermal gel containing estrogen and progestogen in development for estrogen deficiency.

LibiGel-E/T a transdermal gel containing estrogen and testosterone in development for treatment of female sexual dysfunction.

Testosterone deficiency in men is known as hypogonadism. Low levels of testosterone may result in lethargy, depression, decreased sex drive, impotence, low sperm count and increased irritability. Men with severe and prolonged reduction of testosterone may also experience loss of body hair, reduced muscle mass, osteoporosis and bone fractures due to osteoporosis. Approximately five million men in the United States, primarily in the over age 40 male population group, have lower than normal levels of testosterone. Testosterone replacement therapy has been shown to restore levels of testosterone with minimal side effects.

Testosterone often is delivered through injections or dermal, or skin, patches. Delivery of testosterone through dermal patches was developed primarily to promote the therapeutic effects of testosterone replacement therapy without the often painful side effects associated with testosterone injections. Dermal patches, however, have been associated with skin irritation. Our testosterone formulated gel product for men, Bio-T-Gel, is designed to deliver the required amount of testosterone without the pain of injections and the skin irritation and discomfort

associated with dermal patches. We are aware of one gel testosterone product for men currently on the market in the United States and several in development.

Estrogen deficiency in women can result in hot flashes and flushes, vaginal atrophy, decreased libido and osteoporosis. Hormone replacement in women decreases the chance that women will experience the symptoms of estrogen deficiency. According to industry estimates, approximately twenty million women in the U.S. currently are receiving some form of estrogen or combined estrogen hormone replacement therapy.

Estrogen is most commonly given orally in pill or tablet form. There are several potential side effects, however, with the use of oral estrogen, including insufficient absorption by the circulatory system, gallstones and blood clots. Although dermal patches have been shown to avoid some of these problems, delivery of estrogen through dermal patches, like testosterone patches, can result in skin irritation. Our estrogen formulated gel product, Bio-E-Gel, is designed to deliver estrogen without the skin irritation associated with, and the physical presence of, dermal patches.

Through a sub-license agreement with Solvay Pharmaceuticals, B.V., we are in the process of developing a combined estrogen/progestogen formulated gel product. Women whose uterus is intact often use a combined hormone replacement therapy because evidence suggests adding progestogen to estrogen therapy may reduce the potential risks of endometrial cancer and endometrial hyperplasia associated with estrogen therapy in these women.

We are also developing a testosterone formulated gel product for women, LibiGel. Though generally characterized as a male hormone, testosterone also is present in women and its deficiency has been found to cause low libido or sex drive. Studies have shown that testosterone replacement therapy can boost sexual desire and pleasure, increase bone density, raise energy levels and improve mood. Similarly, we are developing a combination gel product of testosterone and estradiol for women, LibiGel-E/T, for low libido or sex drive.

We believe our proposed hormone replacement products have a number of benefits, including the following:

- our transdermal gels can be spread over areas of skin where they dry rapidly and decrease the chance for skin irritation versus hormone patches;
- our transdermal gels may have fewer side effects than many pills which have been known to cause gallstones, blood clots and complications related to metabolism;
- adding progestogen to estrogen may reduce the potential risks of endometrial cancer and endometrial hyperplasia of estrogen therapy alone when the uterus is intact;
- our transdermal gels have been shown to be absorbed evenly, thus allowing clinical hormone levels to reach the systemic circulation;
- hormone replacement therapy using gels may allow for better dose adjustment than either patches or oral pills or capsules; and
- clinical trials involving the hormone products are expected to be relatively small requiring fewer patients than most drug development projects, which will keep our costs, time and risks associated with the FDA approval process down.

Human clinical trials have begun on four of our proposed hormone replacement products, which are required to obtain FDA approval to market the products.

We license our proposed hormone replacement products on an exclusive basis from Antares Pharma, Inc. under a license agreement we entered into in June 2000. Under the terms of our license agreement with Antares (which we have amended several times since June 2000), we

acquired exclusive development and marketing rights, with the right to grant sub-licenses (1) to the single active ingredient testosterone and estradiol products for all therapeutic indications in the U.S., Canada, Mexico, Israel, New Zealand, China, Indonesia and South Africa, (2) for the combination estradiol and progestogen product in the U.S. and Canada, and (3) for a transdermal hormone replacement gel containing a combination of estradiol and testosterone in the U.S., Canada, Mexico, Israel, Australia, New Zealand, Malaysia, China, Indonesia and South Africa.

In September 2000, we sublicensed the marketing rights for our female proposed hormone replacement products to Paladin Labs Inc. in Canada. In August 2001, we sublicensed our proposed estrogen/progestogen combination transdermal hormone replacement gel product to Solvay Pharmaceuticals, B.V. for development and sale in the U.S. and Canada.

On August 7, 2001, we entered into a sub-license agreement with Solvay Pharmaceuticals, B.V. covering the U.S. and Canadian rights to the proposed estrogen/progestogen combination transdermal hormone replacement gel product licensed from Antares in June 2000. Under the terms of the agreement, Solvay paid us an initial payment of $2.5 million ($1.7 million net of the related payments due to Antares and Paladin) and has agreed to make future milestone payments and pay escalating sales-based royalties. Solvay is responsible for all costs of development and marketing of the proposed estrogen/progestogen combination transdermal hormone replacement gel product. We have retained co-promotion rights to the product and will be compensated for sales we generate over and above those attributable to Solvay's marketing efforts.

Description of Our CAP Technology and Proposed CAP Technology Products

We believe our CAP technology will serve as an effective vehicle for delivering drugs and vaccines and enhancing the effects of vaccines. The key component, calcium phosphate, or CAP, is on the FDA's GRAS (Generally Regarded as Safe) list. Our nanoparticles have successfully passed the first stage of toxicity studies for administration orally, into muscles, under the skin, and into the lungs by inhalation.

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

Bio-Vant CAP adjuvant technology new proprietary CAP technology in development for improved versions of current vaccines and new vaccines against cancer, viral and bacterial infections and autoimmune diseases.

Bio-Air advanced proprietary technology using CAP as a delivery system for inhalable versions of therapies that currently must be injected.

CAP-Oral an advanced delivery system using proprietary CAP technology for oral administration of therapies that currently must be injected.

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

Research and development involving our CAP technology originated in a project set up under an agreement dated April 6, 1989 between the University of California and our predecessor company, Structured Biologicals, relating to viral protein surface absorption studies. The discovery research was funded by Structured Biologicals at UCLA School of Medicine and was based, in essence, on the use of extremely small, solid, uniform particles as components that could increase the stability of drugs and act as systems to deliver drugs into the body.

These ultra fine particles are made from inert, biologically acceptable materials, such as ceramics, pure crystalline carbon or biodegradable calcium phosphate. The size of the particles is in the nanometer range. A nanometer is one millionth of a millimeter and typically particles measure approximately 1,000 nanometers (nm). For comparison, a polio virus particle is about 27 nm in diameter, a herpes virus particle has a central core measuring 100 nm in diameter, contained in an envelope measuring 150-200 nm, while a tuberculosis bacterium is rod-shaped, about 1,200 nm long by 300 nm across. Because the size of these particles is measured in nanometers, we use the term "nanoparticles" to describe them.

We use the nanoparticles as the basis of a delivery system by applying a layer of a "bonding" coating of cellobiose or another carbohydrate derivative. The critical property of these coated nanoparticles is that biologically active molecules, proteins, peptides or pharmacological agents, for example, vaccine components like bacterial or viral antigens or proteins like insulin, attached to them retain their activity and can be protected from natural alterations to their molecular structure by adverse environmental conditions. It has been shown in studies conducted by us that when these combinations are injected into animals, the attachment can enhance the biological activity as compared to injection of the molecule alone.

A major immune response that is triggered by these combination particles is the creation of antibody molecules, which can then specifically counteract an invading virus or bacterium. Similarly, a drug will produce an effect on an organ system only if it can attach to specific receptors on the surface of target cells (*e.g.*, tumor cells). The stabilizing and slow release capabilities of a drug carrier and delivery system based on this discovery can lead to significant advances towards finding more effective and less toxic or harmful molecules to seek out and attach to such receptors.

We believe our CAP technology has a number of benefits, including the following:

- it is biodegradable (capable of being decomposed by natural biological processes) and non-toxic and therefore potentially safe to use and introduce into the human body;

- it is fast, easy and inexpensive to manufacture, which will keep our costs down and potentially improve our profit margins;

- the nanometer (one-millionth of a millimeter) size range makes it ideal for delivering drugs through aerosol sprays, inhalation or orally, instead of using often painful and inconvenient injections; and

- it has excellent "loading" capacity the amount of molecules that can bond with the nanoparticles thereby potentially decreasing the dose needed to be taken by patients while enhancing the release capabilities.

Research in these areas has resulted in the issuance of a number of patents that we license from the University of California.

We have completed a Phase I human clinical trial of CAP as a vaccine adjuvant and delivery system, a necessary step in the process of obtaining FDA approval to market the product. The Phase I trial was a double blind, placebo controlled trial, in 18 subjects to determine the safety of CAP as a vaccine adjuvant. The trial results showed that there was no apparent difference in side-effect profile between CAP and placebo.

We plan to develop commercial applications of our CAP technology and any proprietary technology developed as a result of our ongoing research and development efforts. Initially, we plan to pursue the development of (1) vaccine adjuvants, (2) drug delivery systems, including a method of delivering proteins (*e.g.*, insulin) through inhalation, orally and subcutaneous routes of administration, and (3) the purification of the milk of transgenic animals. Our pre-clinical research team in our laboratory in Smyrna, Georgia is currently pursuing the development of our CAP technology.

Vaccine adjuvants. We believe that our CAP nanoparticles may offer a means of preparing new improved formulations of current vaccines that are equal or better in their safety and immunogenicity, that is, in their capacity to elicit an immune response, compared to alum-formulated and non-adjuvanted vaccines but may be injected in lower concentrations and less often which could result in certain benefits, including cost savings and improved patient compliance. Also, we believe that CAP will allow for creation of safe and effective vaccines for diseases and conditions for which no vaccines currently exist.

We intend to seek opportunities to enter into business collaborations or joint ventures with vaccine companies and others interested in vaccine development, co-development and co-marketing arrangements. We believe these collaborations may enable us to accelerate the development of potential improved vaccines. These arrangements also could include out-licenses of our CAP technology to vaccine companies and others for further development and marketing.

Our nanoparticles when combined with vaccine antigens have been shown in animal studies conducted by us and others to possess an ability to elicit a higher immune response than non-adjuvanted vaccines and an immune response of the same magnitude as alum-formulated

vaccines but up to 100 times lower concentrations. These preclinical studies also have shown that our CAP nanoparticles also may sustain higher antibody levels over a longer time period than both alum-formulated vaccines and non-adjuvanted vaccines. Because our CAP nanoparticles are made of calcium phosphate, which has a chemical nature similar to normal bone material and therefore is natural to the human body, as opposed to aluminum hydroxide, or alum, which is not natural to the human body, we believe that our nanoparticles may be safer to use than alum. In our animal studies, we observed no material adverse reactions when our CAP nanoparticles were administered at effective levels.

We filed an investigational new drug, or IND, application with the FDA in July 2000 to commence a Phase I human clinical trial. We completed our Phase I human clinical trial in October 2000. As discussed in more detail under the heading "Government Regulation," the purpose of a Phase I trial is to evaluate the metabolism and safety of the experimental product in humans, the side effects associated with increasing doses, and, if possible, to gain early evidence of possible effectiveness. The

Phase I trial of our CAP specifically looked at safety parameters, including local irritation and blood chemistry changes. The trial was completed and there was no apparent difference in the side effects profile between CAP and placebo.

In addition to continuing our own research and development in this area, we intend to seek opportunities to enter into business collaborations or joint ventures with vaccine companies and others interested in co-development and co-marketing arrangements with respect to our CAP nanoparticles for use as a vaccine adjuvant. These arrangements also could include out-licenses of our CAP technology to vaccine companies and others for further development in their on-going vaccine development.

Our outlicensing activities with respect to our adjuvant, which we call Bio-Vant, for use in other companies' vaccines have to date included meeting with target companies and, in some cases, agreeing that the target company will test our adjuvant in their animal models. Thereafter, the target company may send to us its vaccine antigen or DNA which we will then formulate with our nanoparticles and return for use in the target company's animal models. Once this is completed, if the results are positive, we would negotiate an out-license agreement with the target company.

In November 1999, we announced that we formed a collaborative research alliance with Antares Pharma, Inc. to evaluate the efficacy of combining our nanoparticle drug delivery and adjuvant or immune system boosters with Antares' needle-free pressure injection. This research alliance evaluated the ability of the combined systems to deliver DNA vaccines as part of a DNA vaccine program at a major U.S. university. In August 2000, we announced initial preclinical results from our collaboration with Antares. The initial tests demonstrated that Antares' needle-free pressure assisted injections containing our CAP technology produced better cellular immune responses in the injected animals than the injections without our CAP technology. No further work related to our CAP technology with Antares is currently planned.

In June 2000, we announced an option license agreement with ID Biomedical Corporation to use CAP as an adjuvant in a second-generation vaccine against group-A streptococcus ("GAS"). GAS is considered a worldwide public health threat causing strep-throat, skin infections, rheumatic fever, invasive fasciitis (flesh eating disease), toxic shock syndrome and other diseases. We believe ID Biomedical has decided to proceed without the use of CAP in their GAS vaccine.

We announced in August 2000, a non-exclusive option license agreement with Antex Biologics, Inc. to conduct preclinical tests of CAP in vaccines against *Chlamydia pneumoniae* and *H. pylori*. This collaboration is ongoing.

In October 2001, we announced a non-exclusive license agreement with Corixa Corporation to use our Bio-Vant vaccine adjuvant in potential vaccines to be development by Corixa. This is the first license agreement signed by BioSante for the development of CAP as a vaccine adjuvant. Under the license agreement, Corixa has agreed to pay us milestone payments upon the achievement by Corixa of certain milestones plus royalty payments on sales by Corixa if and when vaccines are approved using Bio-Vant and sold on a commercial basis. If Corixa sub-licenses vaccines that include Bio-Vant, we will share in milestone payments and royalties received by Corixa. The license agreement covers access to Bio-Vant for a variety of cancer, infectious and auto immune disease vaccines.

Drug delivery systems. The third field of use in which we are exploring applying our CAP technology involves creating novel and improved forms of delivery of drugs, including proteins (*e.g.*, insulin). The attachment of drugs to CAP may enhance their effects in the body or enable the addition of further protective coatings to permit oral, delayed-release and mucosal (through mucous membranes) applications.

Currently, insulin is given by frequent, inconvenient and often painful injections. However, several companies are in the process of developing and testing products that will deliver insulin orally or through inhalation. We believe we may have successfully created a formulation for the inhaled delivery of insulin, which we call Bio-Air. We are in the process of contacting and meeting the insulin manufacturers and companies with devices for inhalation of drugs to pursue collaborations for this development. Furthermore, we have shown pre-clinical efficacy in the oral delivery of insulin in diabetic mouse models. In the oral insulin mouse models, our product, which we call CAP-Oral, has shown an 80% reduction of glucose levels for 12 hours versus 20-30% glucose reduction for five hours for free insulin. Our research and development efforts in this area are ongoing.

Transgenic Milk Purification. The fourth field of use in which we are exploring applying our CAP technology is in the purification of the milk of transgenic animals in which protein drugs are grown. This is achieved by selectively isolating biologically active therapeutic proteins from the transgenic milk. This method uses our CAP technology to recover greater than 90% of drug protein from the milk in a way that may require less downstream processing and may produce higher overall yields at lower cost than currently used methods. Our method dissolves casein clusters, thereby freeing the drug proteins, and then reforms the casein clusters using CAP as the core. Caseins are then removed from the milk, leaving high concentrations of the drug protein in the remaining crystal clear whey fraction.

Sales and Marketing

We currently have very limited sales and marketing personnel to sell on a commercial basis any of our proposed products. If and when we are ready to commercially launch a product, we will either contract with or hire qualified sales and marketing personnel or seek a joint marketing partner to assist us with this function.

Research and Product Development

We expect to spend a significant amount of our financial resources on research and development activities. We spent approximately $2,142,000 in 2001 and $1,888,000 in 2000 on research and development activities. Since we are not yet engaged in the commercial distribution of any products and we have no revenues from the sale of our products, these research and development costs must be financed by us. We estimate that we are currently spending approximately $200,000 to $250,000 per month on research and development activities. These expenditures, however, may fluctuate from quarter-to-quarter and year-to-year depending upon the resources available and our development schedule. Results of preclinical studies, clinical trials, regulatory decisions and competitive developments may significantly influence the amount of our research and development expenditures. In addition, we expect that our spending on product development will increase if we are successful at in-licensing or otherwise acquiring other late-stage development products.

Manufacturing

We currently do not have any facilities suitable for manufacturing on a commercial scale basis any of our proposed products nor do we have any experience in volume manufacturing. We will either find our own manufacturing facilities, hire additional personnel with manufacturing experience and comply with the extensive Good Manufacturing Practices, or GMP, regulations of the FDA and other regulations applicable to such a facility or we will more likely rely upon third-party manufacturers to manufacture our proposed products in accordance with these regulations.

In September 1999, we entered into an arrangement with the University of Iowa to manufacture our CAP nanoparticles for use in our Phase I human clinical trial. Under the arrangement, the University of Iowa manufactured both a trial batch of our CAP nanoparticles and a clinical batch which was used in the clinical trial.

Currently, our gel hormone products are manufactured through an exclusive agreement with Antares Pharma, Inc.

Patents, Licenses and Proprietary Rights

Our success depends and will continue to depend in part upon our ability to maintain our exclusive licenses, to maintain patent protection for our products and processes, to preserve our proprietary information and trade secrets and to operate without infringing the proprietary rights of third parties. Our policy is to attempt to protect our technology by, among other things, filing patent applications or obtaining license rights for technology that we consider important to the development of our business.

Antares Pharma, Inc. In June 2000, we entered into a license agreement with Antares Pharma, Inc. pursuant to which Antares has granted us an exclusive license to four proposed hormone replacement products for the treatment of testosterone deficiency in men and women

and estrogen deficiency in women, including rights to sublicense the hormone replacement technology, in order to develop and market the hormone replacement technology in certain territories. Antares has an issued patent for these technologies in the United States and has filed patent applications for this licensed technology in several foreign jurisdictions, including Argentina, Australia, Canada, Europe, Italy, Japan, Korea, New Zealand, South Africa, and Taiwan.

In a series of amendments executed during 2001 between BioSante and Antares, BioSante returned to Antares the license rights to one of the four previously licensed hormone products, namely the estradiol patch, in all countries of the licensed territory. Additionally, BioSante returned to Antares the license rights to the single entity estrogen and testosterone gel products in Malaysia and Australia. In exchange for the return to Antares of the estradiol patch in all the countries and the single entity estradiol and testosterone gel products in Malaysia and Australia, Antares granted BioSante a credit for approximately $600,000 of manufacturing and formulation services and a license for a transdermal hormone replacement gel combination of testosterone and estradiol.

The license agreement with Antares required us to pay a $1,000,000 up-front license fee to Antares, which we paid in June 2000. Also pursuant to the terms of the Antares license agreement, we expect to:

pay royalties to Antares based on a percentage of the net sales of any products we sell incorporating the licensed technology;

accelerate the human clinical development of the hormone product portfolio, including:

testing proposed products;

conducting clinical trials;

obtaining government approvals;

introducing products incorporating the licensed technology into the market; and

enter into sub-license arrangements or agreements with other entities regarding development and commercialization of the technology covered by the license.

University of California. In June 1997, we entered into a licensing agreement with the Regents of the University of California, which has subsequently been amended, pursuant to which the University has granted us an exclusive license to nine United States patents owned by the University, including

rights to sublicense such patents, in fields of use initially pertaining to: (1) vaccine adjuvants; (2) vaccine constructs or combinations for use in immunization against herpes virus; (3) drug delivery systems; and (4) red blood cell surrogates. The University of California has filed patent applications for this licensed technology in several foreign jurisdictions, including Canada, Europe and Japan.

The license agreement with the University of California requires us to undertake various obligations, including:

payment of royalties to the University based on a percentage of the net sales of any products we sell incorporating the licensed technology;

payment of minimum annual royalties on February 28 of each year beginning in the year 2004 to be credited against earned royalties, for the life of the agreement;

maintaining an annual minimum amount of available capital for development and commercialization of products incorporating the licensed technology until a product is introduced to the market;

payment of the costs of patent prosecution and maintenance of the patents included in the agreement, which amounted to $11,358 in fiscal 2001;

meeting performance milestones relating to:

- hiring or contracting with personnel to perform research and development, regulatory and other activities relating to the commercial launch of a proposed product;
- testing proposed products;
- conducting clinical trials;
- obtaining government approvals;
- introducing products incorporating the licensed technology into the market; and

entering into partnership or alliance arrangements or agreements with other entities regarding commercialization of the technology covered by the license.

The license agreement further provides that we have the right to abandon any project in any field of use without abandoning our license to pursue other projects in that or other fields of use covered by the agreement. In May 1999, we notified the University that we would not pursue the red blood cell surrogate use because we did not believe it will be proven an effective use of CAP. In October 1999, we signed an amendment to our license agreement with the University, which removed the red-blood cell surrogate use from the agreement. In addition, under the terms of the amendment, the University agreed to make other changes we suggested to the license agreement, including delaying minimum royalty payments until 2004 and limiting the University's rights to terminate the agreement in cases where we do not perform under the agreement. If we violate or fail to perform any term or covenant of the license agreement and fail to cure this default within 60 days after written notice from the University, the University may terminate some projects included in the agreement. In May 2001, we signed a second amendment to our license agreement with the University to amend certain provisions of the license agreement for sublicensing arrangements with third parties.

Patents and patent applications. We own one United States patent and no foreign patents. In June 1999, we filed a patent for our advanced method of selectively isolating biologically active therapeutic proteins from transgenic milk. This patent was issued in February 2001. In February 2000, we filed a patent application with the U.S. Patent and Trademark Office relating to our development work with vaccine adjuvants, conventional DNA and RNA vaccines and drug delivery, including aerosol delivery into the lungs. In addition, there are two other patent applications pending for products in development.

Trademarks and trademark applications. We have filed trademark applications in the U. S. for the mark BIOSANTE for vaccines and vaccine adjuvants and for our proposed hormone replacement products. Both applications have been allowed for registration and will register upon submission of proof of use. We have also filed U.S. trademark applications and received Notices of Allowance for the marks BIOVANT, BIOAIR, NANOVANT and LIBIGEL. Two other U. S. trademark applications are pending for BIO-E-GEL and BIO-T-GEL for products in development. The BIOSANTE mark is registered in the European Union and Israel, and BIO-E-GEL and BIO-T-GEL are registered in Mexico. In addition, there are 17 other applications pending in the European Union and other countries for marks including the BIOSANTE mark. We do not have any other registered trademarks.

Confidentiality and assignment of inventions agreements. We require our employees, consultants and advisors having access to our confidential information to execute confidentiality agreements upon commencement of their employment or consulting relationships with us. These agreements generally provide that all confidential information we develop or make known to the individual during the course of the individual's employment or consulting relationship with us must be kept confidential by the individual and not disclosed to any third parties. We also require all of our employees and consultants who perform research and development for us to execute agreements that generally provide that all inventions conceived by these individuals will be our property.

Competition

There is intense competition in the biopharmaceutical industry, including in the hormone replacement therapy market, the market for prevention and/or treatment of the same infectious diseases we target and in the acquisition of products in the late-stage development phase or already on the market. Potential competitors in the United States are numerous and include major pharmaceutical and specialized biotechnology companies, universities and other institutions. In general, competition in the pharmaceutical industry can be divided into four categories: (1) corporations with large research and developmental departments that develop and market products in many therapeutic areas; (2) companies that have moderate research and development capabilities and focus their product strategy on a small number of therapeutic areas; (3) small companies with limited development capabilities and only a few product offerings; and (4) university and other research institutions.

All of our competitors in categories (1) and (2) and some of our competitors in category (3) have longer operating histories, greater name recognition, substantially greater financial resources and larger research and development staffs than we do, as well as substantially greater experience than us in developing products, obtaining regulatory approvals, and manufacturing and marketing pharmaceutical products.

A significant amount of research in the field is being carried out at academic and government institutions. These institutions are becoming increasingly aware of the commercial value of their findings and are becoming more aggressive in pursuing patent protection and negotiating licensing arrangements to collect royalties for use of technology that they have developed.

We expect our products, if and when approved for sale, to compete primarily on the basis of product efficacy, safety, patient convenience, reliability and patent position. In addition, the first product to reach the market in a therapeutic or preventative area is often at a significant competitive advantage relative to later entrants in the market.

We are aware of certain programs and products under development by others which may compete with our proposed hormone replacement products and products we may develop that incorporate our CAP technology. Several competing companies, including Wyeth-Ayerst Pharmaceuticals, Novartis AG, Solvay Pharmaceuticals, Inc., Noven Pharmaceuticals, Inc. and Berlex Laboratories, Inc., dominate the international hormone replacement industry. The international vaccine industry is dominated by three companies: GlaxoSmithKline, Aventis (through its subsidiaries, including Institut Merieux International,

Pasteur Merieux Serums et Vaccins, Connaught Laboratories Limited and Connaught Laboratories, Inc.) and Merck & Co., Inc.

There are several firms currently marketing or developing transdermal hormone replacement products. They include The Procter & Gamble Company, Noven Pharmaceuticals, Inc., Novavax, Inc., Cellegy Pharmaceuticals, Inc., Auxilium A2, Inc., Watson Pharmaceuticals Inc. and Solvay Pharmaceuticals, Inc.

With regard to our CAP technology, the larger, better known pharmaceutical companies have generally focused on a traditional synthetic drug approach, although some have substantial expertise in biotechnology. During the last decade, however, significant research activity in the biotechnology industry has been completed by smaller research and development companies, like us, formed to pursue new technologies. Competitive or comparable companies to us include Corixa Corporation, generally regarded as a leader in vaccine adjuvant development, ID Biomedical Corporation and Antex Biologicals Inc., which both develop sub-unit vaccines from mycobacteria and other organisms.

Governmental Regulation

Pharmaceutical products intended for therapeutic use in humans are governed by extensive FDA regulations in the United States and by comparable regulations in foreign countries. Any products developed by us will require FDA approvals in the United States and comparable approvals in foreign markets before they can be marketed. The process of seeking and obtaining FDA approval for a previously unapproved new human pharmaceutical product generally requires a number of years and involves the expenditure of substantial resources.

Following drug discovery, the steps required before a drug product may be marketed in the United States include:

preclinical laboratory and animal tests;

the submission to the FDA of an investigational new drug application, commonly known as an IND application;

clinical and other studies to assess safety and parameters of use;

adequate and well-controlled clinical trials to establish the safety and effectiveness of the drug product;

the submission to the FDA of a new drug application, commonly known as an NDA; and

FDA approval of the NDA prior to any commercial sale or shipment of the product.

Typically, preclinical studies are conducted in the laboratory and in animals to gain preliminary information on a proposed product's uses and physiological effects and harmful effects, if any, and to identify any potential safety problems that would preclude testing in humans. The results of these studies, together with the general investigative plan, protocols for specific human studies and other information, are submitted to the FDA as part of the IND application. The FDA regulations do not, by their terms, require FDA approval of an IND. Rather, they allow a clinical investigation to commence if the FDA does not notify the sponsor to the contrary within 30 days of receipt of the IND. As a practical matter, however, FDA approval is often sought before a company commences clinical investigations. That approval may come within 30 days of IND receipt but may involve substantial delays if the FDA requests additional information.

The initial phase of clinical testing, which is known as Phase I, is conducted to evaluate the metabolism, uses and physiological effects of the experimental product in humans, the side effects associated with increasing doses, and, if possible, to gain early evidence of possible effectiveness. Phase I studies can also evaluate various routes, dosages and schedules of product administration. These

studies generally involve a small number of healthy volunteer subjects, but may be conducted in people with the disease the product is intended to treat. The total number of subjects is generally in the range of 20 to 80. A demonstration of therapeutic benefit is not required in order to complete Phase I trials successfully. If acceptable product safety is demonstrated, Phase II trials may be initiated.

Phase II trials are designed to evaluate the effectiveness of the product in the treatment of a given disease and involve people with the disease under study. These trials often are well controlled, closely monitored studies involving a relatively small number of subjects, usually no more than several hundred. The optimal routes, dosages and schedules of administration are determined in these studies. If Phase II trials are completed successfully, Phase III trials are often commenced, although Phase III trials are not always required.

Phase III trials are expanded, controlled trials that are performed after preliminary evidence of the effectiveness of the experimental product has been obtained. These trials are intended to gather the additional information about safety and effectiveness that is needed to evaluate the overall risk/benefit relationship of the experimental product and provide the substantial evidence of effectiveness and the evidence of safety necessary for product approval. Phase III trials usually include from several hundred to several thousand subjects.

A clinical trial may combine the elements of more than one Phase and typically two or more Phase III studies are required. A company's designation of a clinical trial as being of a particular Phase is not necessarily indicative that this trial will be sufficient to satisfy the FDA requirements of that Phase because this determination cannot be made until the protocol and data have been submitted to and reviewed by the FDA. In addition, a clinical trial may contain elements of more than one Phase notwithstanding the designation of the trial as being of a particular Phase. The FDA closely monitors the progress of the phases of clinical testing and may, at its discretion, re-evaluate, alter, suspend or terminate the testing based on the data accumulated and its assessment of the risk/benefit ratio to patients. It is not possible to estimate with any certainty the time required to complete Phase I, II and III studies with respect to a given product.

Upon the successful completion of clinical testing, an NDA is submitted to the FDA for approval. This application requires detailed data on the results of preclinical testing, clinical testing and the composition of the product, specimen labeling to be used with the drug, information on manufacturing methods and samples of the product. The FDA typically takes from six to 18 months to review an NDA after it has been accepted for filing. Following its review of an NDA, the FDA invariably raises questions or requests additional information. The NDA approval process

can, accordingly, be very lengthy. Further, there is no assurance that the FDA will ultimately approve an NDA. If the FDA approves that NDA, the new product may be marketed. The FDA often approves a product for marketing with a modification to the proposed label claims or requires that post-marketing surveillance, or Phase IV testing, be conducted.

All facilities and manufacturing techniques used to manufacture products for clinical use or sale in the United States must be operated in conformity with current "good manufacturing practice" regulations, commonly referred to as "GMP" regulations, which govern the production of pharmaceutical products. We currently do not have manufacturing capability. In the event we undertake any manufacturing activities or contract with a third-party manufacturer to perform our manufacturing activities, we intend to establish a quality control and quality assurance program to ensure that our products are manufactured in accordance with the GMP regulations and any other applicable regulations.

Products marketed outside of the United States are subject to regulatory approval requirements similar to those in the United States, although the requirements governing the conduct of clinical trials, product licensing, pricing and reimbursement vary widely from country to country. No action can be taken to market any product in a country until an appropriate application has been approved by the

regulatory authorities in that country. The current approval process varies from country to country, and the time spent in gaining approval varies from that required for FDA approval. In certain European countries, the sales price of a product must also be approved. The pricing review period often begins after market approval is granted. We intend to seek and utilize foreign partners to apply for foreign approvals of our products.

Employees

We had eight full-time employees as of December 31, 2001, including six in research and development and two in management or administrative positions. None of our employees is covered by a collective bargaining agreement. We believe we have an excellent relationship with our employees.

Legal Proceedings

We are not a party to any material, threatened or pending legal proceedings.

MANAGEMENT

Executive Officers, Directors and Key Employees

Set forth below is information concerning our executive officers, directors and key employees, including their age, as of April 1, 2002:

Name	Age	Title
Stephen M. Simes	50	Vice Chairman, President and Chief Executive Officer
Phillip B. Donenberg	41	Chief Financial Officer, Treasurer and Secretary
Leah M. Lehman, Ph.D	38	Vice President, Clinical Development
Steven J. Bell, Ph.D	42	Vice President, Research and Pre-Clinical Development
Louis W. Sullivan, M.D.(1)(2)(3)	68	Chairman of the Board
Victor Morgenstern(2)	59	Director
Fred Holubow(3)	63	Director
Ross Mangano(1)	56	Director
Edward C. Rosenow III, M.D.(3)	67	Director
Angela Ho(2)	49	Director

Name	Age	Title
Peter Kjaer(1)	41	Director
Avi Ben-Abraham, M.D	44	Director

(1) Member of the audit and finance committee

(2) Member of the compensation committee

(3) Member of the scientific review committee

Stephen M. Simes has served as our Vice Chairman, President and a director of our company since January 1998 and Chief Executive Officer since March 1998. From October 1994 to January 1997, Mr. Simes was President, Chief Executive Officer and a Director of Unimed Pharmaceuticals, Inc., a company with a product focus on infectious diseases, AIDS, endocrinology and oncology. From 1989 to 1993, Mr. Simes was Chairman, President and Chief Executive Officer of Gynex Pharmaceuticals, Inc., a company which concentrated on the AIDS, endocrinology, urology and growth disorders markets. In 1993, Gynex was acquired by Bio-Technology General Corp., and from 1993 to 1994, Mr. Simes served as Senior Vice President and director of Bio-Technology General Corp. Mr. Simes' career in the pharmaceutical industry started in 1974 with G.D. Searle & Co.

Phillip B. Donenberg, CPA has served as our Chief Financial Officer, Treasurer and Secretary since July 1998. Before joining our company, Mr. Donenberg was Controller of Unimed Pharmaceuticals, Inc. from January 1995 to July 1998. Prior to Unimed Pharmaceuticals, Inc., Mr. Donenberg held similar positions with other pharmaceutical companies, including Gynex Pharmaceuticals, Inc., Molecular Geriatrics Corporation and Xtramedics, Inc.

Leah M. Lehman, Ph.D. has served as our Vice President, Clinical Development since January 2001. Prior to joining our company, Dr. Lehman was Director of Clinical Research with Scientific Research Development Corp. from April 1995 to December 2000. From 1993 to 1995, Dr. Lehman was a clinical statistician at Abbott Laboratories.

Steven J. Bell, Ph.D. has served as our Vice President, Research and Pre-Clinical Development since October 2000 and served as a Director of Research and Development of BioSante from July 1997 to October 2000. Prior to joining our company, Dr. Bell held various positions with Boehringer Mannheim, Hoffman-LaRoche, The Upjohn Company and Boehringer Ingelheim.

The Honorable Louis W. Sullivan, M.D. has been our Chairman of the Board of Directors since March 1998 and has been a director of our company since its formation. Dr. Sullivan served as Secretary of Health and Human Services in the cabinet of President George Bush from 1989 to 1993. Since retiring from the Bush Administration, Dr. Sullivan has been President of the Morehouse School of Medicine in Atlanta, Georgia. He had previously served as President and Dean of the School from 1981 to 1985 and President from 1985 to 1989. Since 1993, Dr. Sullivan has served and continues to serve on the Boards of several large U.S. corporations, including 3M Corp., Bristol-Myers Squibb Company, Cigna Corporation, Georgia Pacific Corp. and Household International Inc.

Victor Morgenstern was elected a director of our company in July 1999. Mr. Morgenstern has more than 32 years of investment experience and is the Chairman of the Board of Trustees of The Oakmark Funds, an open-end registered investment company and serves as managing director of Resolute Partners L.P. He is a trustee of the Illinois Institute of Technology.

Fred Holubow was elected a director of our company in July 1999. Mr. Holubow has been a Vice President of Pegasus Associates since he founded Pegasus in 1982. Pegasus Associates is currently an operating division of William Harris Investors, a registered investment advisory firm. He specializes in analyzing and investing in pharmaceutical and biotechnology companies. Mr. Holubow has served on the Boards for Bio-Technology General Corp., ThermoRetec Corporation, Gynex Pharmaceuticals, Inc., Unimed Pharmaceuticals, Inc. and Gynex Pharmaceuticals, Inc.

Ross Mangano was elected a director of our company in July 1999. Mr. Mangano has been the President and a director of Oliver Estate, Inc., a management company specializing in investments in public and private companies since 1971. He is the Chairman of Cerprobe Corporation, and serves as a director for Blue Chip Casino, Inc., Orchard Software Corporation, and U.S. RealTel Inc.

Edward C. Rosenow, III, M.D. has been a director of our company since November 1997. Dr. Rosenow is a Master Fellow of the American College of Physicians as well as Master Fellow of the American College of Chest Physicians. Dr. Rosenow was the Arthur M. and Gladys D. Gray Professor of Medicine at the Mayo Clinic from 1988 until his recent retirement. Beginning with his residency in 1960, Dr. Rosenow has worked at the Mayo Clinic in many professional capacities including as a Consultant in Internal Medicine (Thoracic Diseases) from 1966 to 1996, an Assistant Professor, Associate Professor and Professor of Medicine at the Mayo Clinic Medical School, President of the Mayo Clinic Staff in 1986, and Chair of the Division of Pulmonary and Critical Care Medicine from 1987 to 1994. Dr. Rosenow has also served as a consultant to NASA, space station FREEDOM at the Johnson Space Center in Houston, Texas from 1989 to 1990 and as the President of the American College of Chest Physicians from 1989 to 1990. In 1998, he received the Mayo Distinguished Alumnus Award.

Angela Ho has been a director of our company since June 1998. Ms. Ho was elected to our Board of Directors as a representative of certain major investors in Hong Kong. Ms. Ho has been the Vice Chairman and Chief Managing Officer of Jet-Asia Ltd., a Hong Kong-based aircraft and management company, since April 1996. From June 1996 to June 1998, Ms. Ho was the President of Ho Galleries Ltd., a New York art gallery.

Peter Kjaer has been a director of our company since July 1999 and is a representative of certain major investors in Hong Kong. Mr. Kjaer has been President and Chief Executive Officer of Jet-Asia Ltd., a Hong Kong-based aircraft and management company, since April 1996. From April 1989 to July 1996, Mr. Kjaer was the General Manager and a director of the Gallery of Contemporary Living Ltd., a Hong Kong-based art gallery.

Avi Ben-Abraham, M.D. founded our company and has been a director of our company since inception. Dr. Ben-Abraham was the Chairman of the Board of Directors and Chief Executive Officer

of our company from inception to March 1998. Dr. Ben-Abraham was a trustee of the Morehouse School of Medicine in Atlanta, Georgia until December 1998. From July 1995 to March 1998, Dr. Ben-Abraham served as Chairman, Chief Executive Officer and Director of Structured Biologicals, Inc., a predecessor company of BioSante. Dr. Ben-Abraham has chosen not to stand for re-election at the 2002 Annual Meeting of Stockholders of BioSante scheduled to be held on May 21, 2002 in view of his other responsibilities and obligations.

Board Committees

The Board of Directors has an Audit and Finance Committee, Compensation Committee and Scientific Review Committee.

Audit and Finance Committee. The Audit and Finance Committee provides assistance to the Board of Directors in satisfying its fiduciary responsibilities relating to our accounting, auditing, operating and reporting practices, and reviews our annual financial statements, the selection and work of our independent auditors and the adequacy of internal controls for compliance with corporate policies and directives. The Audit and Finance Committee consists of Mr. Kjaer, Dr. Sullivan and Mr. Mangano.

Compensation Committee. The Compensation Committee:

- reviews general programs of compensation and benefits for all of our employees;
- makes recommendations to the Board of Directors concerning matters as compensation to be paid to our officers and directors; and
- administers our stock option plan, pursuant to which stock options may be granted to our eligible employees, officers, directors and consultants.

The Compensation Committee consists of Dr. Sullivan, Mr. Morgenstern and Ms. Ho.

Scientific Review Committee. The Scientific Review Committee assists in evaluating potential new licenses or new products. The Scientific Review Committee consists of Dr. Sullivan, Mr. Holubow and Dr. Rosenow.

Director Compensation

We do not pay fees to our directors. We do, however, periodically compensate our directors through the granting of stock options. On January 1, 2001, we granted stock options to purchase 25,000 shares of common stock to each of our non-employee directors. These options have an exercise price of $0.67 per share, fully vest on January 1, 2002 and expire ten years from the date of grant. All directors are reimbursed for travel expenses for attending meetings of the Board of Directors and any Board committees.

Executive Compensation

The following table provides summary information concerning cash and non-cash compensation paid to or earned by our Chief Executive Officer and our executive officers, who received or earned cash and non-cash salary and bonus of more than $100,000, for the fiscal year ended December 31, 2001.

Summary Compensation Table

		Annual Compensation		Long-Term Compensation	
Name and Principal Position	**Year**	**Salary ($)**	**Bonus ($)**	**Securities Underlying Options (#)**	**All Other Compensation ($)**
Stephen M. Simes	2001	$ 291,500	$ 131,175	714,063	$ 18,388(3)
Vice Chairman, President and Chief Executive Officer	2000	275,000	150,000(1)	0	29,317(3)
	1999	248,917	125,000(2)	1,856,250	22,965(3)
Phillip B. Donenberg	2001	150,000	45,000	215,469	13,592(6)
Chief Financial Officer, Treasurer and Secretar	2000	127,000	42,000(4)	0	13,286(6)
	1999	110,000	33,000(5)	521,875	13,001(6)
Leah M. Lehman, Ph.D.	2001	180,000	54,000	500,000	12,450(7)
Vice President, Clinical Development	2000				
	1999				
Steven J. Bell, Ph.D.	2001	102,000	30,000	50,000	11,250(9)
Vice President, Research and Pre-Clinical Development	2000	91,521	26,000(8)	0	11,250(9)
	1999	85,313	10,000	125,000	6,500(9)
John E. Lee(9)	2001	146,407			9,338(11)
Former Vice President, Commercial Development	2000	70,833		500,000	81,470(11)
	1999				

(1) Represents a cash bonus of $75,000 and a stock bonus of 125,000 shares of common stock valued at $75,000.

(2) Represents a cash bonus of $75,000 and a stock bonus of 163,859 shares of common stock valued at $50,000.

(3)

Represents an auto allowance ($12,000 in 2001, $12,000 in 2000 and $12,000 in 1999), a 401(k) matching contribution ($5,250 in 2001, $5,250 in 2000 and $5,000 in 1999) and insurance premiums and taxes associated with the premiums ($1,138 in 2001, $12,067 in 2000 and $5,965 in 1999).

(4)

Represents a cash bonus of $30,000 and a stock bonus of 20,000 shares of common stock valued at $12,000.

(5)

Represents a cash bonus of $25,000 and a stock bonus of 26,217 shares of common stock valued at $8,000.

(6)

Represents an auto allowance ($7,200 in 2001, $7,200 in 2000 and $7,200 in 1999), a 401(k) matching contribution ($5,250 in 2001, $5,250 in 2000 and $5,000 in 1999) and insurance premiums paid and taxes associated with the premiums ($1,142 in 2001, $836 in 2000 and $801 in 1999).

(7)

Represents an auto allowance of $7,200 and a 401(k) matching contribution of $5,250.

(8)

Represents a cash bonus of $20,000 and a stock bonus of 10,000 shares of common stock valued at $6,000.

(9)

Represents an auto allowance ($6,000 in 2001, $6,000 in 2000 and $1,500 in 1999) and a 401(k) matching contribution ($5,250 in 2001, $5,250 in 2000 and $5,000 in 1999).

(10)

Mr. Lee was Vice President, Commercial Development from August 2000 to September 2001. Mr. Lee resigned as Vice President, Commercial Development on September 28, 2001.

(11)

Represents an auto allowance ($5,400 in 2001 and $3,000 in 2000), a 401(k) matching contribution ($3,938 in 2001 and $2,188 in 2000) and relocation expenses and associated taxes of $76,282 in 2000.

Option Grants in Last Fiscal Year

The following tables summarize option grants and exercises during the fiscal year ended December 31, 2001 to or by each of the executive officers named in the Summary Compensation Table on page 49 and the potential realizable value of the options held by these persons at December 31, 2001.

	Individual Grants(1)			
Name	**Number of Securities Underlying Options Granted (#)**	**Percent of Total Options Granted to Employees in Fiscal Year**	**Exercise Price Per Share**	**Expiration Date**
Stephen M. Simes	714,063(2)	46.32%	$ 0.40	4/5/11
Phillip B. Donenberg	215,469(2)	13.98%	$ 0.40	4/5/11
Leah M. Lehman, Ph.D.	500,000(3)	32.44%	$ 0.67	12/31/10
Steven J. Bell, Ph.D.	50,000(4)	3.24%	$ 0.67	12/31/10
John E. Lee				

(1)

All of the options granted to the individuals in this table were granted under our Amended and Restated 1998 Stock Option Plan.

(2)

This option vests in equal quarterly installments over three years so long as the executive officer remains employed by us at that date. To the extent not already exercisable, this option becomes immediately exercisable in full upon certain changes in control of our company and remains exercisable for the remainder of its term.

(3)

This option vests: (i) with respect to 74,600 shares on 6/30/2001 and 12/31/2001; (ii) 37,300 shares on 3/31/2002, 6/30/2002, 9/30/2002, 12/31/2002, 3/31/2003, 6/30/2003, 9/30/2003 and 12/31/2003; and (iii) 52,400 shares on 1/1/2004. To the extent not already exercisable, this option becomes immediately exercisable in full upon certain changes in control of our company and remains exercisable for the remainder of its term.

(4)

This option vests in equal annual installments over three years so long as the executive officer remains employed by us at that date. To the extend not already exercisable, this option becomes immediately exercisable in full upon certain changes in control of our company and remains exercisable for the remainder of its term.

Aggregated Option Exercises In Last Fiscal Year and Fiscal Year-End Option Values

The following table summarizes the number and value of options held by each of the executive officers named in the Summary Compensation Table on page 49 at December 31, 2001. None of these executive officers exercised any stock options during 2001.

	Number of Securities Underlying Unexercised Options at December 31, 2001		Value of Unexercised In-the-Money Options at December 31, 2001(1)	
Name	**Exercisable**	**Unexercisable**	**Exercisable**	**Unexercisable**
Stephen M. Simes	2,877,256	693,057	$ 1,707,667	$ 328,536
Phillip B. Donenberg	873,379	203,965	$ 518,390	$ 95,934
Leah M. Lehman, Ph.D	149,200	350,800	$ 26,856	$ 63,144
Steven J. Bell, Ph.D.	250,000	50,000	$ 140,625	$ 9,000
John E. Lee	500,000		$	$

(1)

Value based on the difference between the fair market value of one share of our common stock at December 31, 2001 ($0.85), and the exercise price of the options ranging from $0.23 to $0.91 per share. Options are in-the-money if the market price of the shares exceeds the option exercise price.

Employment and Separation Agreements

Simes Employment Agreement

In January 1998, we entered into a letter agreement with Stephen M. Simes pursuant to which Mr. Simes serves as our Vice Chairman, President and Chief Executive Officer. The term of this agreement continues until December 31, 2003, after which time the term will be automatically extended for three additional years unless on or before October 1 immediately preceding the extension, either party gives written notice to the other of the termination of the agreement.

Mr. Simes is entitled to receive an annual performance bonus of up to 50% of his then base salary if certain performance criteria are met. If Mr. Simes is terminated without cause or upon a change in control or if he terminates his employment for good reason, all of his options will become immediately exercisable and will remain exercisable for a period of one year (for the remainder of their term in the event of a change in control), and he will be entitled to a minimum severance payment of 12 months base salary. Mr. Simes is also subject to assignment of inventions, confidentiality and non-competition provisions.

Donenberg Employment Agreement

In June 1998, we entered into a letter agreement with Phillip B. Donenberg pursuant to which Mr. Donenberg serves as our Chief Financial Officer. The term of this agreement continues until either party gives 30 days written notice to the other of the termination of the agreement.

Mr. Donenberg is entitled to receive an annual performance bonus of up to 30% of his then base salary if certain performance criteria are met. If Mr. Donenberg is terminated without cause or upon a change in control or if he terminates his employment for good reason, all of his options will become immediately exercisable and will remain exercisable for a period of one year (for the remainder of their term in the event of a change in control), and he will be entitled to a minimum severance payment of 12 months base salary. Mr. Donenberg is also subject to assignment of inventions, confidentiality and non-competition provisions.

Employment Agreements with Other Executive Officers

We have entered into employment agreements with each of our other executive officers, Leah M. Lehman, Ph.D. and Steven J. Bell, Ph.D. These agreements provide for a fixed salary which may be adjusted from time to time by the Chief Executive Officer and the Compensation Committee of the Board. In addition, BioSante may pay Dr. Lehman and Dr. Bell an annual performance bonus of up to a maximum of 30% of their then base salary. The term of each of these employment agreements is for one year and will renew automatically every year unless either party gives the other party written notice of termination at least 30 days prior to the end of the then term of the agreement. If the executive officer's employment is terminated as a result of death or disability, by BioSante without cause or by the executive officer for good reason, the officer will be entitled to a severance payment in an amount equal to his or her base salary for the shorter of (1) 12 months or (2) the date upon which the officer obtains full-time employment or a consulting position with another company. In addition, the executive officer will receive health and dental benefits from BioSante during any severance period. Dr. Lehman and Dr. Bell are also subject to assignment of inventions, confidentiality and non-competition provisions.

Separation Agreement and Mutual Release

On February 1, 2002, we entered into a separation and mutual release agreement with John E. Lee in connection with Mr. Lee's resignation as Vice President, Commercial Development and an employee of BioSante effective September 28, 2001. In connection with the separation and mutual release agreement, Mr. Lee received a severance payment of $184,166.66 on October 7, 2001 and will receive a monthly payment of $12,000 for eight months, commencing February 1, 2002 in consideration of providing marketing liaison services to BioSante during this time.

Change in Control Arrangements

Under our Amended and Restated 1998 Stock Option Plan, options granted under that plan will become fully exercisable following certain changes in control of our company, such as:

- the sale, lease, exchange or other transfer of all or substantially all of the assets of our company to a corporation that is not controlled by us;
- the approval by our stockholders of any plan or proposal for the liquidation or dissolution of our company;
- certain merger or business combination transactions;
- more than 50% of our outstanding voting shares are acquired by any person or group of persons who did not own any shares of common stock on the effective date of the plan; and

certain changes in the composition of our Board of Directors.

Stock Option Plan

From time to time we grant options under our Amended and Restated 1998 Stock Option Plan. The option plan was approved by our Board of Directors on December 8, 1998 and approved by our stockholders on July 13, 1999. The option plan has been amended several times to

increase the number of shares reserved for issuance. The option plan provides for the grant to employees, officers, directors, consultants and independent contractors of our company and our subsidiaries of options to purchase shares of common stock that qualify as "incentive stock options" within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended, as well as non-statutory options that do not qualify as incentive stock options. This plan is administered by the Compensation Committee of our Board of

Directors, which determines the persons who are to receive awards, as well as the type, terms and number of shares subject to each award.

We have reserved an aggregate of 8,500,000 shares of common stock for awards under the option plan. As of April 1, 2002, options to purchase an aggregate of 7,762,657 shares of common stock were outstanding under the option plan, of which 5,882,675 were fully vested, and a total of 737,343 shares of common stock remained available for grant. As of April 1, 2002, the outstanding options under the plan were held by an aggregate of 19 individuals and were exercisable at prices ranging from $0.23 to $1.04 per share of common stock. One of the matters to be submitted to our stockholders at our 2002 Annual Meeting of Stockholders to be held on May 21, 2002 is to approve an increase in the number of shares of our common stock available for issuance under the plan by 1,500,000 shares of common stock.

Incentive stock options granted under the plan may not have an exercise price less than the fair market value of the common stock on the date of the grant (or, if granted to a person holding more than 10% of our voting stock, at less than 110% of fair market value). Non-statutory stock options granted under the plans may not have an exercise price less than 85% of fair market value on the date of grant. Aside from the maximum number of shares of common stock reserved under the plans, there is no minimum or maximum number of shares that may be subject to options under the plans. However, the aggregate fair market value of the stock subject to incentive stock options granted to any optionee that are exercisable for the first time by an optionee during any calendar year may not exceed $100,000. Options generally expire when the optionee's employment or other service is terminated with us. Options generally may not be transferred, other than by will or the laws of descent and distribution, and during the lifetime of an optionee, may be exercised only by the optionee. The term of each option, which is fixed by our Board of Directors at the time of grant, except that an incentive stock option may be exercisable only for 10 years and an incentive stock option granted to a person holding more than 10% of our voting stock may be exercisable only for five years.

The option plan contains provisions under which options would become fully exercisable following certain changes in control of our company, such as (1) the sale, lease, exchange or other transfer of all or substantially all of the assets of our company to a corporation that is not controlled by us, (2) the approval by our stockholders of any plan or proposal for the liquidation or dissolution of our company, (3) certain merger or business combination transactions, (4) more than 50% of our outstanding voting shares are acquired by any person or group of persons who did not own any shares of common stock on the effective date of the plan, or (5) certain changes in the composition of our Board of Directors.

Payment of an option exercise price may be made in cash, or at the Compensation Committee's discretion, in whole or in part by tender of a broker exercise notice, a promissory note or previously acquired shares of our common stock having an aggregate fair market value on the date of exercise equal to the payment required.

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

Director Relationships

Messrs. Morgenstern, Holubow and Mangano were elected to our Board of Directors in July 1999 as representatives of the lead investors in our May 1999 private placement. Neither Mr. Morgenstern, Mr. Holubow nor Mr. Mangano has entered into any voting agreements with the lead investors nor does Mr. Morgenstern, Mr. Holubow or Mr. Mangano otherwise have any control over the voting of shares held by the lead investors.

Ms. Ho and Mr. Kjaer were elected to our Board of Directors as representatives of several investors located in Hong Kong. Neither Ms. Ho nor Mr. Kjaer has entered into any voting agreements with these Hong Kong investors nor does Ms. Ho or Mr. Kjaer otherwise have any control over the voting of shares held by these investors.

April 2001 Private Placement

In connection with our April 2001 private placement, we sold an aggregate of 9,250,000 shares of our common stock and warrants to purchase an aggregate of 4,625,000 shares of our common stock for $0.40 per unit, each unit consisting of one share of common stock and a warrant to purchase 0.50 shares of our common stock, for an aggregate purchase price of $3,700,000, to accredited investors, including certain existing stockholders, directors and officers. Stephen M. Simes purchased 125,000 shares of common stock and a warrant to purchase 62,500 shares of common stock, Phillip B. Donenberg purchased 12,500 shares of common stock and a warrant to purchase 6,250 shares of common stock, Leah M. Lehman, Ph.D. purchased 375,000 shares of common stock and a warrant to purchase 187,500 shares of common stock, Steven J. Bell, Ph.D. purchased 3,750 shares of common stock and a warrant to purchase 1,875 shares of common stock, Victor Morgenstern, including an affiliated Trust and his wife, purchased an aggregate of 750,000 shares of common stock and warrants to purchase an aggregate of 375,000 shares of common stock and Fred Holubow purchased 125,000 shares of common stock and a warrant to purchase 62,500 shares of common stock.

Other Agreements with Affiliates

In January 2001, we entered into a consulting agreement with Scientific Research Development Corporation, a company owned and operated by Ronald B. McCright, the husband of Leah M. Lehman, Ph.D., an executive officer of BioSante. Under the agreement, Scientific Research Development Corporation provides us with database and statistical programming, database management, medical writing and project management services. In consideration for such services, we paid Scientific Research Development Corporation an aggregate of approximately $60,000 during the fiscal year ended December 31, 2001. This agreement expires on December 31, 2002.

In July 2001, Avi Ben-Abraham, M.D., a director of BioSante, and BioSante entered into a settlement agreement with a stockholder of BioSante in connection with certain claims and disputes among the stockholder, Dr. Ben-Abraham and BioSante arising out of actions of Dr. Ben-Abraham during 1996. In exchange for a release of all claims, suits, damages and judgments among the stockholder, BioSante and Dr. Ben-Abraham, Dr. Ben-Abraham transferred 500,000 shares of his BioSante common stock to the stockholder.

Dr. Ben-Abraham has chosen not to stand for re-election at our 2002 Annual Meeting of Stockholders in view of his other responsibilities and obligations.

SECURITY OWNERSHIP OF PRINCIPAL STOCKHOLDERS AND MANAGEMENT

The following table sets forth information known to us with respect to the beneficial ownership of each class of our capital stock as of April 1, 2002 for (1) each person known by us to beneficially own more than 5% of any class of our voting securities, (2) each of the executive officers named in the Summary Compensation Table under the heading "Management," (3) each of our directors and (4) all of our executive officers and directors as a group. Except as otherwise indicated, we believe that each of the beneficial owners of our capital stock listed below, based on information provided by these owners, has sole investment and voting power with respect to its shares, subject to community property laws where applicable.

Unless otherwise noted, each of the stockholders listed in the table possesses sole voting and investment power with respect to the shares indicated. Shares not outstanding but deemed beneficially owned by virtue of the right of a person or member of a group to acquire them within 60 days are treated as outstanding only when determining the amount and percent owned by such person or group.

	Common Stock		Class C Special Stock			
Name	Number	Percent	Number	Percent	Common Stock and Common Stock Equivalents	Percent of Total Voting Power (1)
Stephen M. Simes(2)	3,945,630(3)	5.9%			3,945,630	5.5%
Louis W. Sullivan, M.D.(2).	150,000(4)	*	1,000,000	21.4%	1,150,000	1.7%
Edward C. Rosenow III, M.D.(2)	175,000(5)	*			175,000	*
Victor Morgenstern(2)	5,125,000(6)	7.9%			5,125,000	7.4%
Fred Holubow(2)	662,500(7)	1.0%			662,500	1.0%
Ross Mangano(2)	15,055,000(8)	22.1%			15,055,000	20.7%
Angela Ho(2)	750,000(9)	1.2%	1,000,000	21.4%	1,750,000	2.6%
Peter Kjaer(2)	100,000(10)	*			100,000	*
Avi Ben-Abraham, M.D.	10,479,800(11)	16.6%			10,479,800	15.4%

	Common Stock		Class C Special Stock			
Phillip B. Donenberg(2)	(12)	1.6			998,665	1.5%
Leah M. Lehman, Ph.D.(2)	749,000(13)	1.2%			749,000	1.1%
Steven J. Bell, Ph.D.(2)	282,292(14)	*			282,292	*
JO & Co.	11,550,000(15)	17.2%			11,550,000	16.1%
Hans Michael Jebsen	4,250,000(16)	6.6%	1,000,000	21.4%	5,250,000	7.6%
King Cho Fung	3,700,000(17)	5.8%	625,000	13.4%	4,325,000	6.3%
Marcus Jebsen	1,750,000(18)	2.8%	500,000	10.7%	2,250,000	3.3%
All executive officers and directors as a group (12 persons)	38,472,887(19)	50.9%	2,000,000	42.9%	40,472,887	50.5%

*

less than 1%.

(1)

In calculating the percent of total voting power, the voting power of shares of our common stock and shares of our class C special stock is combined.

(2)

Address: 111 Barclay Boulevard, Suite 280, Lincolnshire, Illinois 60069.

(3)

Mr. Simes' beneficial ownership includes 3,094,271 shares of common stock issuable upon exercise of stock options and 187,500 shares of common stock issuable upon exercise of warrants.

(4)

Dr. Sullivan's beneficial ownership includes 150,000 shares of common stock issuable upon exercise of a stock option.

(5)

Dr. Rosenow's beneficial ownership includes 175,000 shares of common stock issuable upon exercise of stock options.

(6)

Mr. Morgenstern's beneficial ownership includes: (1) 100,000 shares of common stock issuable upon exercise of a stock option, (2) 950,000 shares of common stock issuable upon exercise of warrants, (3) 325,000 shares of common stock issuable upon exercise of warrants and 800,000 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) 100,000 shares of common stock issuable upon exercise of a warrant and 200,000 shares of common stock held by Mr. Morgenstern's wife, as to which Mr. Morgenstern disclaims control, direction or beneficial ownership, and (5) 250,000 shares of common stock issuable upon exercise of a warrant and 500,000 shares of common stock held by Resolute Partners L.P. Victor Morgenstern is managing director of Resolute Partners L.P.

(7)

Mr. Holubow's beneficial ownership includes 187,500 shares of common stock issuable upon exercise of warrants and 100,000 shares of common stock issuable upon exercise of a stock option.

(8)

Mr. Mangano's beneficial ownership includes: (1) 100,000 shares of common stock issuable upon exercise of a stock option, (2) 3,750,000 shares of common stock issuable upon exercise of a warrant and 7,800,000 shares of common stock held by JO & Co., of which Mr. Mangano is President, and (3) an aggregate of 2,250,001 shares of

common stock and an aggregate of 1,124,999 shares of common stock issuable upon exercise of warrants held in various accounts, of which Mr. Mangano is an advisor and/or a trustee. Mr. Mangano has sole dispositive power over these shares. See note (13) below.

(9)

Ms. Ho's beneficial ownership includes 150,000 shares of common stock issuable upon exercise of stock options.

(10)

Mr. Kjaer's beneficial ownership includes 100,000 shares of common stock issuable upon exercise of a stock option.

(11)

Dr. Ben-Abraham's beneficial ownership includes 50,000 shares of common stock issuable upon exercise of a stock option.

(12)

Mr. Donenberg's beneficial ownership includes 933,698 shares of common stock issuable upon exercise of stock options and 6,250 shares of common stock issuable upon exercise of a warrant.

(13)

Dr. Lehman's beneficial ownership includes 186,500 shares of common stock issuable upon exercise of a stock option and 187,500 shares of common stock issuable upon exercise of a warrant.

(14)

Dr. Bell's beneficial ownership includes 266,667 shares of common stock issuable upon exercise of stock options and 1,875 shares of common stock issuable upon exercise of a warrant.

(15)

Includes 3,750,000 shares of common stock issuable upon exercise of a warrant. Ross Mangano, a director of BioSante, has sole voting power over these shares. See note (8) above. The address for JO & Co. is 112 West Jefferson Boulevard, Suite 613, South Bend, Indiana 46634.

(16)

Mr. Jebsen's beneficial ownership includes 750,000 shares of common stock issuable upon exercise of a warrant. Mr. Jebsen's address is c/o Jebsen & Co. Ltd., 28/F Caroline Center, 28 Yun Ping Road, Causeway Bay, Hong Kong.

(17)

Mr. Fung's beneficial ownership includes 750,000 shares of common stock issuable upon exercise of a warrant. Mr. Fung's address is c/o SP 2, 15/F, 46 Lyndhurst Terrace, Central Hong Kong.

(18)

Mr. Jebsen's beneficial ownership includes 250,000 shares of common stock issuable upon exercise of a warrant. Mr. Jebsen's address is c/o Jebsen & Co. Ltd., 28/F Caroline Center, 28 Yun Ping Road, Causeway Bay, Hong Kong.

(19)

The amount beneficially owned by all current directors and executive officers as a group includes 6,926,762 shares issuable upon exercise of warrants and stock options held by these individuals and 5,549,999 shares issuable upon exercise of warrants held by entities affiliated with these individuals. See notes (6), (8) and (15) above.

DESCRIPTION OF CAPITAL STOCK

Authorized Shares

We are authorized to issue 100,000,000 shares of common stock, $0.0001 par value per share, and 10,000,000 shares of undesignated preferred stock, $0.0001 par value per share. The following is a summary of the material terms and provisions of our capital stock. Because it is a summary, it does not include all of the information that is included in our certificate of incorporation. The text of our certificate of incorporation, which is attached as an exhibit to this registration statement, is incorporated into this section by reference.

Common Stock

We are authorized to issue 100,000,000 shares of common stock, of which 63,218,798 shares were issued and outstanding as of April 1, 2002. Each share of our common stock entitles its holder to one vote per share. Holders of our common stock are entitled to receive dividends as and when declared by our Board of Directors from time to time out of funds properly available to the payment of dividends. Subject to the liquidation rights of any outstanding preferred stock, the holders of our common stock are entitled to share pro rata in the distribution of the remaining assets of our company upon a liquidation, dissolution or winding up of our company. The holders of our common stock have no cumulative voting, preemptive, subscription, redemption or sinking fund rights.

Class C Special Stock

We are authorized to issue 4,687,684 shares of class C special stock, of which 4,666,024 shares were issued and outstanding as of April 1, 2002. Each share of class C special stock entitles its holder to one vote per share. Each share of our class C special stock is exchangeable, at the option of the holder, for one share of common stock, at an exchange price of $0.25 per share, subject to adjustment upon certain capitalization events. Holders of our class C special stock are not entitled to receive dividends. Holders of our class C special stock are not entitled to participate in the distribution of our assets upon any liquidation, dissolution or winding-up of our company. The holders of our class C special stock have no cumulative voting, preemptive, subscription, redemption or sinking fund rights.

Undesignated Preferred Stock

We are authorized to issue 10,000,000 shares of preferred stock, none of which are issued and outstanding. Our Board of Directors is authorized to issue one or more series of preferred stock with such rights, privileges, restrictions and conditions as our Board may determine. The preferred stock, if issued, may be entitled to rank senior to our common stock with respect to the payment of dividends and the distributions of assets in the event of a liquidation, dissolution or winding-up of our company.

Options and Warrants

As of April 1, 2002, we had outstanding options to purchase an aggregate of 7,762,657 shares of common stock at a weighted average exercise price of $0.39 per share. All outstanding options provide for antidilution adjustments in the event of certain mergers, consolidations, reorganizations, recapitalizations, stock dividends, stock splits or other similar changes in our corporate structure and shares of our capital stock. We typically grant options with a ten-year term. We have outstanding warrants to purchase an aggregate of 16,447,500 shares of common stock at a weighted average exercise price of $0.37 per share with a majority of those warrants having a five-year term. The warrants provide for antidilution adjustments in the event of certain mergers, consolidations, reorganizations, recapitalizations, stock dividends, stock splits or other changes in our corporate structure of our company and, subject to certain exceptions, the issuance by our company of any securities for a purchase price of less than $0.40 per share.

Registration Rights

The holders of the common stock and warrants purchased in our April 2001 private placement are entitled to certain registration rights under the Securities Act. No later than 90 days after April 4, 2001, we were required to file a registration statement to register under the Securities Act the resale of the shares of BioSante common stock underlying the shares of common stock and warrants purchased in our April 2001 private placement. The registration statement, of which this prospectus is a part, satisfies this requirement. We are required to use our reasonable best efforts to cause this registration statement to become effective under the Securities Act as promptly as practicable and to use our reasonable best efforts to cause this registration statement to remain effective until the earlier of (1) the sale of all the shares of BioSante common stock covered by this registration statement; or (2) such time as the selling stockholders named in this registration statement become eligible to resell the shares of BioSante common stock and the shares of BioSante common stock issuable upon exercise of the warrants pursuant to Rule 144(k) under the Securities Act.

The holders of the common stock and warrants purchased in our May 1999 private placement are entitled to certain registration rights under the Securities Act. If at any time after we become listed on Nasdaq, the holders of a specified amount of these registrable shares request that we file a registration statement covering the shares, we will use commercially reasonable efforts to cause these shares to be registered. We are not required to file more than two registration statements under these demand rights, or more than one registration statement in any twelve-month period. In addition, the holders of these registrable shares are entitled to have their shares included in a registration statement under the Securities Act in connection with the public offering of our securities. In any underwritten public offering, the registration rights are limited to the extent that the managing underwriter has the right to (1) limit the number of registrable shares to be included in the registration statement; (2) prohibit the sale of any of our securities other than those registered and included in the underwritten offering for a period of 180 days; and (3) require holders of registrable shares not to sell or otherwise dispose of any securities of our company (other than securities included in the registration) without the prior written consent of the underwriters for a period of up to 180 days from the effective date of such registration. These registration rights will terminate as to any registrable shares when such registrable shares are effectively registered and sold by the holder thereof or when such registrable shares are sold pursuant to Rule 144(k) or are sold pursuant to Rule 144 under the Securities Act.

Anti-Takeover Provisions of Delaware Law and Our Certificate of Incorporation

We are subject to Section 203 of the Delaware General Corporation Law. In general, Section 203 prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder for a period of three years following the date the person became an interested stockholder, unless the business combination or the transaction in which the person became an interested stockholder is approved in a prescribed manner. Generally, a business combination includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. Generally, an interested stockholder is a person who, together with affiliates and associates, owns or, in the case of affiliates or associates of the corporation, within three years prior to the determination of interested stockholder status, did own 15% or more of a corporation's voting stock. The existence of this provision could have anti-takeover effects with respect to transactions not approved in advance by the Board of Directors, such as discouraging takeover attempts that might result in a premium over the market price of the common stock.

There are several provisions of our amended and restated certificate of incorporation that may have the effect of deterring or discouraging hostile takeovers or delaying changes in control of our company. In addition, stockholders are not entitled to cumulative voting in the election of directors. Our certificate of incorporation has authorized undesignated preferred stock which could make it

possible for our Board of Directors to issue preferred stock with voting or other rights or preferences that could impede the success of any attempt to effect a change of control of our company.

Limitation on Liability of Directors and Indemnification

Our certificate of incorporation limits our directors' liability to the fullest extent permitted under Delaware's corporate law. Specifically, our directors are not liable to us or our stockholders for monetary damages for any breach of fiduciary duty by a director, except for liability for:

- any breach of the director's duty of loyalty to us or our stockholders;
- acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;
- dividends or other distributions of our corporate assets that are in contravention of restrictions in Delaware law, our amended and restated certificate of incorporation, bylaws or any agreement to which we are a party; and
- any transaction from which a director derives an improper personal benefit.

This provision generally does not limit liability under federal or state securities laws.

Delaware law, and our certificate of incorporation, provide that we will, in some situations, indemnify any person made or threatened to be made a party to a proceeding by reason of that person's former or present official capacity with our company against judgments, penalties, fines, settlements and reasonable expenses including reasonable attorney's fees. Any person is also entitled, subject to some limitations, to payment or reimbursement of reasonable expenses in advance of the final disposition of the proceeding.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of BioSante pursuant to the provisions described above, or otherwise, BioSante has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

Transfer Agents and Registrars

The transfer agent and registrar for our common stock is Computershare Trust Company of Canada, formerly Montreal Trust of Canada.

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.

EXPERTS

The financial statements as of December 31, 2001 and 2000 and for each of the three years in the period ended December 31, 2001, included in this prospectus, have been audited by Deloitte & Touche LLP, independent auditors, as stated in their report appearing herein (which report expresses an unqualified opinion and includes an explanatory paragraph referring to the developmental stage nature of BioSante). This report has been included in reliance upon the report of such firm given upon its authority as an expert in accounting and auditing.

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 facilities maintained by the SEC:

Judiciary Plaza	175 W. Jackson Boulevard	233 Broadway
450 Fifth Street, N.W.	Suite 900	Woolworth Building
Washington, D.C. 20549	Chicago, Illinois 60604	New York, New York 10279

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*. The Securities Act file number for our SEC filings is 0-28637.

We have filed a registration statement on Form SB-2 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.

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*.

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.

INDEX TO FINANCIAL STATEMENTS

Independent Auditors' Report

Board of Directors
BioSante Pharmaceuticals, Inc.
Lincolnshire, Illinois

We have audited the accompanying balance sheets of BioSante Pharmaceuticals, Inc. (a development stage company) as of December 31, 2001 and 2000 and the related statements of operations, stockholders' equity and cash flows for each of the three years in the period ended December 31, 2001, and for the period from August 29, 1996 (date of incorporation) through December 31, 2001. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, based on our audits, such financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2001 and 2000 and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2001, and for the period from August 29, 1996 (date of incorporation) through December 31, 2001 in conformity with accounting principles generally accepted in the United States of America.

As discussed in Note 1 to the financial statements, the Company is in the development stage.

/s/ Deloitte & Touche LLP

February 15, 2002
Chicago, Illinois

BIOSANTE PHARMACEUTICALS, INC.
(a development stage company)

Balance Sheets

December 31, 2001 and 2000

	2001	2000
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	**$ 4,502,387**	**$ 2,611,755**
Prepaid expenses and other sundry assets	**91,859**	**64,341**
	4,594,246	**2,676,096**
PROPERTY AND EQUIPMENT, NET (Note 5)	**384,996**	**390,821**
	$ 4,979,242	**$ 3,066,917**
LIABILITIES AND STOCKHOLDERS' EQUITY		
CURRENT LIABILITIES		
Accounts payable (Note 12)	**$ 90,653**	**$ 44,746**
Accrued compensation	**379,346**	**258,598**
Other accrued expenses	**24,444**	**137,919**
Due to Antares (Note 4)	**433,319**	
Convertible debenture (Notes 7 and 13)		**500,000**
	927,762	**941,263**
COMMITMENTS (Notes 11 and 13)		
STOCKHOLDERS' EQUITY (Note 8)		
Capital stock		
Issued and Outstanding		
2001 - 4,666,024; 2000 - 4,687,684 Class C special stock	**467**	**469**
2001 - 63,218,798; 2000 - 52,952,943 Common stock	**22,302,046**	**17,782,857**
	22,302,513	**17,783,326**
Deferred unearned compensation		**(18,000)**
Deficit accumulated during the development stage	**(18,251,033)**	**(15,639,672)**
	4,051,480	**2,125,654**
	$ 4,979,242	**$ 3,066,917**

See accompanying notes to the financial statements.

BIOSANTE PHARMACEUTICALS, INC.
(a development stage company)

Statements of Operations

Years ended December 31, 2001, 2000 and 1999
and the cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001

	Year ended December 31, 2001	Year ended December 31, 2000	Year ended December 31, 1999	Cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001
REVENUE				
Licensing income, net (Note 4)	$ 1,747,386	$	$	$ 1,747,386
Interest income	174,416	227,718	198,683	920,952
	1,921,802	227,718	198,683	2,668,338
EXPENSES				
Research and development	2,141,944	1,887,832	660,588	6,426,316
General and administration	2,298,659	1,678,581	853,389	8,108,897
Depreciation and amortization	92,560	98,500	90,965	474,394
Loss on disposal of capital assets				157,545
Costs of acquisition of Structured Biologicals Inc.				375,219
Purchased in-process research and development				5,377,000
	4,533,163	3,664,913	1,604,942	20,919,371
NET LOSS	$ (2,611,361)	$ (3,437,195)	$ (1,406,259)	$ (18,251,033)
BASIC AND DILUTED NET LOSS PER SHARE (Note 2)	$ (0.04)	$ (0.06)	$ (0.03)	
WEIGHTED AVERAGE NUMBER OF SHARES OUTSTANDING	64,853,492	57,536,761	49,424,140	

See accompanying notes to the financial statements.

BIOSANTE PHARMACEUTICALS, INC.
(a development stage company)

Statements of Stockholders' Equity

Years ended December 31, 2001, 2000 and 1999
and the cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001

	Class A Special Shares		Class C Special Shares		Common Stock				
	Shares	Amount	Shares	Amount	Shares	Amount	Deferred Unearned Compensation	Deficit Accumulated During the Development Stage	Total
Balance, August 29, 1996, Date of		$		$		$	$	$	$

	Class A Special Shares		Class C Special Shares					Deficit Accumulated During the Development Stage	
incorporation									
Issuance of Class "C" shares August 29, 1996 $0.0001 per share)			4,150,000	415					415
Issuance of Class "A" shares September 23, 1996 ($0.0001 per share)		2,000							2,000
Issuance of common shares September 23, 1996					4,100,000	4,100,000			4,100,000
Financing fees accrued	20,000,000					(410,000)			(410,000)
November 27, 1996 issued as consideration upon acquisition of SBI (Note 3)					7,434,322	4,545,563			4,545,563
Exercise of Series "X" warrants (Note 7)					215,714	275,387			275,387
Exercise of Series "Z" warrants (Note 7)					1,428	2,553			2,553
Net loss								(6,246,710)	(6,246,710)
Balance, December 31, 1996	20,000,000	2,000	4,150,000	415	11,751,464	8,513,503		(6,246,710)	2,269,208
Conversion of shares									
January 13, 1997			(282,850)	(28)	282,850	70,741			70,713
January 13, 1997			(94,285)	(9)	94,285	23,580			23,571
December 2, 1997			(106,386)	(11)	106,386	26,607			26,596
December 2, 1997			(100,000)	(10)	100,000	25,010			25,000
Exercise of Series "V" warrants (Note 7)					24,000	36,767			36,767
Exercise of Series "X" warrants (Note 7)					28,571	36,200			36,200
Exercise of Series "W" warrants (Note 7)					20,000	25,555			25,555
Adjustment for partial shares issued upon amalgamation					130				
Financing fees reversed						410,000			410,000
Net loss								(1,890,093)	(1,890,093)
Balance, December 31, 1997	20,000,000	2,000	3,566,479	357	12,407,686	9,167,963		(8,136,803)	1,033,517

	Class A Special Shares		Class C Special Shares					Deficit Accumulated During the Development Stage	
Conversion of shares									
March 4, 1998			(20,000)	(2)	20,000	5,002			5,000
March 16, 1998			)	(1)	10,000	2,501			2,500
May 8, 1998	(15,000,000)	(1,500)			15,000,000	3,751,500			3,750,000
June 1, 1998	(1,000,000)	(100)	(10,000		1,000,000	250,100			250,000
June 1, 1998	(1,000,000)	(100)			1,000,000	250,100			250,000
Return of shares to treasury									
May 8, 1998	(1,468,614)	(147)							(147)
May 8, 1998			(250,000)	(25)					(25)
Net loss								(2,659,415)	(2,659,415)
Balance, December 31, 1998	1,531,386	153	3,286,479	329	29,437,686	13,427,166		(10,796,218)	2,631,430
Conversion of shares									
February 2, 1999			(10,000)	(1)	10,000	2,501			2,500
Private placement of common shares, net									
May 6, 1999					23,125,000	4,197,843			4,197,843
Share redesignation									
July 13, 1999	(1,531,386)	(153)	1,531,386	153					
Issuance of common shares									
August 15, 1999					70,000	25,000			25,000
Net loss								(1,406,259)	(1,406,259)
Balance, December 31, 1999			4,807,865	481	52,642,686	17,652,510		(12,202,477)	5,450,514
Conversion of shares									
March 17, 2000			(10,000)	(1)	10,000	2,501			2,500
March 24, 2000			(31,840)	(3)	31,840	7,963			7,960
June 12, 2000			(50,000)	(5)	50,000	12,505			12,500
July 13, 2000			(28,341)	(3)	28,341	7,088			7,085
Issuance of common shares									
July 18, 2000					190,076	58,000			58,000
Issuance of warrants for services received						42,290	(42,290)		
Amortization of deferred unearned compensation							24,290		24,290
Net loss								(3,437,195)	(3,437,195)
Balance, December 31, 2000			4,687,684	469	52,952,943	17,782,857	(18,000)	(15,639,672)	2,125,654
Conversion of shares									
			(11,660)	(1)	11,660	2,916			2,915

	Class A Special Shares		Class C Special Shares					Deficit Accumulated During the Development Stage	
September 15, 2001									
December 15, 2001		(10,000)		(1)	10,000	2,501			2,500
Private placement of common shares, net									
April 4, 2001					9,250,000	3,659,408			3,659,408
Issuance of common shares									
August 15, 2001					155,000	93,000			93,000
August 15, 2001					476,190	500,000			500,000
September 15, 2001					173,611	125,000			125,000
September 15, 2001					189,394	136,364			136,364
Amortization of deferred unearned compensation							18,000		18,000
Net loss								(2,611,361)	(2,611,361)
Balance, December 31, 2001	$	4,666,024	$	467	63,218,798	$ 22,302,046	$	$ (18,251,033)	$ 4,051,480

See accompanying notes to the financial statements.

BIOSANTE PHARMACEUTICALS, INC.
(a development stage company)

Statements of Cash Flows

Years ended December 31, 2001, 2000 and 1999
and the cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001

	Year ended December 31, 2001	Year ended December 31, 2000	Year ended December 31, 1999	Cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001
CASH FLOWS USED IN OPERATING ACTIVITIES				
Net loss	**$ (2,611,361)**	**$ (3,437,195)**	**$ (1,406,259)**	**$ (18,251,033)**
Adjustments to reconcile net loss to net cash used in operating activities				
Depreciation and amortization	**92,560**	**98,500**	**90,965**	**474,394**
Amortization of deferred unearned compensation	**18,000**	**24,290**		**42,290**
Repurchase of licensing rights	**125,000**			**125,000**
Employee compensation paid in shares of common stock		**93,000**	**58,000**	**151,000**

	Year ended December 31, 2001	Year ended December 31, 2000	Year ended December 31, 1999	Cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001
Purchased in-process research and development				**5,377,000**
Loss on disposal of equipment				**157,545**
Changes in other assets and liabilities affecting cash flows from operations				
Prepaid expenses and other sundry assets	**(27,518)**	**(5,347)**	**16,272**	**(88,891)**
Accounts payable and accrued expenses	**146,180**	**102,148**	**(444,483)**	**(245,744)**
Due to licensor (Antares/Regents)	**433,319**	**(25,000)**	**(102,317)**	**433,319**
Due from SBI				**(128,328)**
Net cash used in operating activities	**(1,823,820)**	**(3,149,604)**	**(1,787,822)**	**(11,953,448)**
CASH FLOWS USED IN INVESTING ACTIVITIES				
Purchase of capital assets	**(86,735)**	**(43,238)**	**(4,219)**	**(982,825)**
CASH FLOWS PROVIDED BY FINANCING ACTIVITIES				
Issuance of convertible debenture		**500,000**		**500,000**
Proceeds from sale or conversion of shares	**3,801,187**	**30,045**	**4,225,343**	**16,938,660**
Net cash provided by financing activities	**3,801,187**	**530,045**	**4,225,343**	**17,438,660**
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	**1,890,632**	**(2,662,797)**	**2,433,302**	**4,502,387**
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	**2,611,755**	**5,274,552**	**2,841,250**	
CASH AND CASH EQUIVALENTS AT END OF PERIOD	**$ 4,502,387**	**$ 2,611,755**	**$ 5,274,552**	**$ 4,502,387**
SUPPLEMENTAL SCHEDULE OF CASH FLOW INFORMATION				
Acquisition of SBI				
Purchased in-process research and development	**$**	**$**	**$**	**$ 5,377,000**
Other net liabilities assumed				**(831,437)**
				4,545,563
Less: subordinate voting shares issued therefor				**4,545,563**
	$	**$**	**$**	**$**
Income tax paid	**$**	**$**	**$**	**$**
Interest paid	**$**	**$**	**$**	**$**

Year ended December 31, 2001	Year ended December 31, 2000	Year ended December 31, 1999	Cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001

See accompanying notes to the financial statements.

BIOSANTE PHARMACEUTICALS, INC.
(a development stage company)

Notes to the Financial Statements

For the years ended December 31, 2001, 2000 and 1999, and the cumulative period from August 29, 1996 (date of incorporation) to December 31, 2001

1. ORGANIZATION

On December 19, 1996, Ben-Abraham Technologies, Inc. ("BAT") was continued under the laws of the State of Wyoming, U.S.A. Previously, BAT had been incorporated under the laws of the Province of Ontario effective August 29, 1996. Pursuant to the shareholders meeting to approve the arrangement on November 27, 1996 and subsequent filing of the articles of arrangement on December 6, 1996, BAT acquired Structured Biologicals Inc. and its wholly-owned subsidiary 923934 Ontario Inc. ("SBI"), a Canadian public company listed on the Alberta Stock Exchange. The "acquisition" was effected by a statutory amalgamation wherein the stockholders of BAT were allotted a significant majority of the shares of the amalgamated entity. Upon amalgamation, the then existing stockholders of SBI received 7,434,322 subordinate voting shares of BAT (1 such share for every 3 1/2 shares held in SBI). On November 10, 1999, BAT changed its name to BioSante Pharmaceuticals, Inc. ("the Company").

The Company was established to develop prescription pharmaceutical products, vaccines and vaccine adjuvants using its nanoparticle technology ("CAP") licensed from the University of California. The research and development on the CAP technology is conducted in the Company's Smyrna, Georgia laboratory facility. In addition to its nanoparticle technology, the Company also is developing its pipeline of hormone replacement products to treat hormone deficiencies in men and women, the technology for which has been licensed from Antares Pharma, Inc. The business office is located in Lincolnshire, Illinois.

The Company has been in the development stage since its inception. The Company's successful completion of its development program and its transition to profitable operations is dependent upon obtaining regulatory approval from the United States (the "U.S.") Food and Drug Administration ("FDA") prior to selling its products within the U.S., and foreign regulatory approval must be obtained to sell its products internationally. There can be no assurance that the Company's products will receive regulatory approvals, and a substantial amount of time may pass before the achievement of a level of sales adequate to support the Company's cost structure. The Company will also incur substantial expenditures to achieve regulatory approvals and will need to raise additional capital during its developmental period. Obtaining marketing approval will be directly dependent on the Company's ability to implement the necessary regulatory steps required to obtain marketing approval in the United States and in other countries. It is not possible at this time to predict with assurance the outcome of these activities.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

These financial statements are expressed in U.S. dollars.

The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America ("generally accepted accounting principles") and Statement of Financial Accounting Standards ("SFAS") No. 7 "Accounting and Reporting by Development Stage Enterprises." The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and

liabilities at the date of the financial

statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents

For purposes of reporting cash flows, the Company considers all instruments with original maturities of three months or less to be cash equivalents.

Property and Equipment

Property and equipment is stated at cost less accumulated depreciation and amortization. Depreciation of computer, office and laboratory equipment is computed primarily by accelerated methods over estimated useful lives of seven years. Leasehold improvements are amortized on a straight-line basis over the terms of the leases, plus option renewals.

Long-Lived Assets

Long-lived assets are reviewed for possible impairment whenever events indicate that the carrying amount of such assets may not be recoverable. If such a review indicates an impairment, the carrying amount of such assets is reduced to estimated recoverable value.

Research and Development

Research and development costs are charged to expense as incurred.

Basic and Diluted Net Loss Per Share

The basic and diluted net loss per share is computed based on the weighted average number of the aggregate of common stock and Class C shares outstanding, all being considered as equivalent of one another. Basic earnings (loss) per share is computed by dividing income (loss) available to common stockholders by the weighted average number of shares outstanding for the reporting period. Diluted earnings (loss) per share reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock. The computation of diluted earnings (loss) per share does not include the Company's stock options, warrants or convertible debt with dilutive potential because of their antidilutive effect on earnings (loss) per share.

Stock-based Compensation

The Company follows the provisions of APB Opinion No. 25, which requires compensation cost for stock-based employee compensation plans be recognized based on the difference, if any, between the quoted market price of the stock on the date of grant and the amount the employee must pay to acquire the stock. As a result of the Company's application of APB No. 25, SFAS No. 123, "Accounting for Stock-Based Compensation," requires certain additional disclosures of the pro forma compensation expense arising from the Company's fixed and performance stock compensation plans. The expense is measured as the fair value of the award at the date it was granted using an option-pricing model that takes into account the exercise price and the expected term of the option, the current price of the underlying stock, its expected volatility, expected dividends on the stock and the expected risk-free rate

of return during the term of the option. The compensation cost is recognized over the service period, usually the period from the grant date to the vesting date. The Company has disclosed the required pro forma net loss and loss per share data in Note 9 as if the Company had recorded compensation expense using the fair value method per SFAS No. 123. Warrants issued to non-employees as compensation for services rendered are valued at their fair value on the date of issue.

Revenue Recognition

The Company recognizes revenue from licensing arrangements in the form of upfront license fees, milestone payments, royalties and other fees. Revenue is recognized when cash is received and the Company has completed all of its obligations under the licensing arrangement which are required for the payment to be non-refundable. Any ancillary payments related to the products being licensed, such as royalties to the head licensor, are netted against revenues at the time of revenue recognition. To date, there has been no royalty revenue recognized. Interest income on invested cash balances is recognized on the accrual basis as earned.

New Statements of Financial Accounting Standards

The Company adopted SFAS No. 133, "Accounting for Derivatives Instruments and Hedging Activities," effective January 1, 2001. This Statement establishes accounting and reporting standards for derivative instruments, including certain derivative instruments embedded in other contracts, and for hedging activities. It requires that an entity recognize all derivatives as either assets or liabilities in the statement of financial position and measure those instruments at fair value. No cumulative transition adjustment was required.

On July 20, 2001, the Financial Accounting Standards Board (FASB) issued SFAS No. 141, "Business Combinations" (SFAS 141), and SFAS No. 142, "Goodwill and Other Intangible Assets" (SFAS 142). These statements establish new accounting and reporting standards for business combinations and associated goodwill and intangible assets. They require, among other things, elimination of the pooling of interests method of accounting, no amortization of acquired goodwill, and a periodic assessment for impairment of all goodwill and intangible assets acquired in a business combination. SFAS 141 is effective for all business combinations accounted for by the purchase method that are completed after June 30, 2001. SFAS 142 will be effective for the Company's fiscal year beginning January 1, 2002.

On August 16, 2001, the FASB issued SFAS No. 143, "Accounting for Asset Retirement Obligations." The pronouncement addresses the recognition and remeasurement of obligations associated with the retirement of tangible long-lived assets. On October 3, 2001, the FASB issued SFAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets." SFAS 144, which supercedes SFAS No. 121 "Accounting for Long-lived Assets and for Long-Lived Assets to be Disposed Of" and the accounting and reporting provisions of Accounting Principles Board Opinion No. 30, "Reporting the Results of Operations Reporting the Effects of Disposal of a Segment of a Business, and Extraordinary, Unusual, and Infrequently Occurring Events and Transactions," applies to long-lived assets (including discontinued operations) and it develops one accounting model for long-lived assets that are to be disposed of by sale. SFAS 143 will be effective for the Company's fiscal year beginning January 1, 2003. SFAS 144 will be effective for the Company's fiscal year beginning January 1, 2002.

The Company does not believe that the issuance of these four new pronouncements will have an impact on its financial statements.

3. ACQUISITION

Pursuant to the shareholders meeting to approve the arrangement held on November 27, 1996 and the subsequent filing of the articles of arrangement December 6, 1996, the Company completed the acquisition of 100% of the outstanding shares of SBI. The acquisition was effected by a statutory amalgamation wherein the stockholders of the Company were allotted a significant majority of the shares of the amalgamated entity. Upon amalgamation, the then existing shareholders of SBI received 7,434,322 shares of common stock of the Company (1 such share for every 3 1/2 shares they held in SBI). SBI's results of operations have been included in these financial statements from the date of acquisition. The acquisition was accounted for by using the purchase method of accounting, as follows:

Assets		
In-process research and development	$	5,377,000
Other		37,078
		5,414,078
Liabilities		
Current liabilities		679,498
Due to directors		60,689
Due to the Company		128,328
		868,515

Net assets acquired	$	4,545,563
Consideration		
Common stock	$	4,545,563

In connection with the acquisition of SBI, accounted for under the purchase method, the Company acquired the rights to negotiate with the Regents of the University of California for licenses of specific CAP-related technologies and products. The specific technologies and products relate to investigative research funded by SBI. At the time of acquisition, the technologies and products had not yet been approved for human clinical research. The value ascribed to the rights, based on an independent evaluation, was $5,377,000. This amount was immediately expensed as the technologies and products did not have their technological feasibility established and had no identified future alternative use.

As of the date of acquisition, the technology related to the development of products for six indications (i.e. applications of the technology). The Company determined the value of the in process research and development related to the acquired rights based on an independent valuation using discounted cash flows. Principle assumptions used in the valuation were as follows:

FDA approval for the CAP-related for the six indications was expected to be received at various dates between 2002 and 2004, however, there are many competitive products in development. There are also many requirements that must be met before FDA approval is secured. There is no assurance that the products will be successfully developed, proved to be safe in clinical trials,

meet applicable regulatory standards, or demonstrate substantial benefits in the treatment or prevention of any disease.

The estimated additional research and development expenditures required before FDA approval was $26.5 million, to be incurred over 8 to 10 years.

Future cash flows were estimated based on estimated market size, with costs determined based on industry norms, an estimated annual growth rate of 3%.

The cash flows were discounted at 25%. The rate was preferred due to the high-risk nature of the biopharmaceutical business.

The Company is continuing to develop the technology related to five of the six indications.

In June 1997, the Company exercised its option and entered into a license agreement with UCLA for the technology that it had previously supported.

4. LICENSE AND SUPPLY AGREEMENTS

On June 13, 2000, BioSante entered into a licensing agreement and a supply agreement with Antares Pharma, Inc. (Antares), covering four hormone products for the treatment of hormone deficiencies in men and women. The agreement requires BioSante to pay Antares a percentage of future net sales, if any, as a royalty. Under the terms of the license agreement, BioSante is also obligated to make milestone payments upon the occurrence of certain future events. Under terms of the supply agreement, Antares has agreed to manufacture or have manufactured and sell exclusively to BioSante, and BioSante has agreed to purchase exclusively from Antares, BioSante's total requirements for the products covered under the license agreement between the two parties.

As allowed by the licensing agreement with Antares, on September 1, 2000, BioSante entered into a sub-license agreement with Paladin Labs Inc. (Paladin) to market the female hormone replacement products in Canada. In exchange for the sub-license, Paladin agreed to make an initial investment in BioSante, make future milestone payments and pay royalties on sales of the products in Canada. The milestone payments will be in the form of a series of equity investments by Paladin in BioSante's common stock at a 10% premium to the market price of BioSante's common stock at the date of the equity investment.

During the third quarter 2001, Paladin made a series of equity investments in BioSante as a result of certain sub-licensing transactions and BioSante reaching certain milestones. These equity investments resulted in BioSante issuing an additional 189,394 shares of its common stock to Paladin at a 10 percent premium to BioSante's market price. The dollar value of the premium, $39,394, is recorded as licensing income in the statements of operations.

In a series of amendments executed during 2001 between BioSante and Antares, BioSante returned to Antares the license rights to one of the four previously licensed hormone products, namely the estradiol patch, in all countries of the licensed territory. Additionally, BioSante returned to Antares the license rights to the single entity estrogen and testosterone gel products in Malaysia and Australia. In exchange for the return to Antares of the estradiol patch in all the countries and the estradiol and testosterone gel products in Malaysia and Australia, Antares granted BioSante a credit for approximately $600,000 of manufacturing and formulation services and a license for an undisclosed

transdermal hormone replacement gel product. During the third quarter of 2001, Antares informed the Company that the total costs for manufacturing and formulation services had exceeded the $600,000 credit. Accordingly, beginning in third quarter of 2001 and going forward, the Company will be required to reimburse Antares for such services. At December 31, 2001, the amount owed to Antares for such services was $433,319.

On August 7, 2001, BioSante entered into a sub-license agreement with Solvay Pharmaceuticals, B.V. (Solvay) covering the U.S. and Canadian rights to the estrogen/progestogen combination transdermal hormone replacement gel product licensed from Antares in June 2000. Under the terms of the agreement, Solvay has sub-licensed BioSante's estrogen/progestogen combination transdermal hormone replacement gel product for an initial payment of $2.5 million ($1.7 million net of the related payments due to Antares and Paladin), future milestone payments and escalating sales-based royalties. Solvay will be responsible for all costs of development and marketing of the product. BioSante has retained co-promotion rights to the product and will be compensated for sales generated by BioSante over and above those attributable to Solvay's marketing efforts. The Canadian rights to this product had previously been sub-licensed to Paladin as part of that sub-license arrangement and were repurchased by the Company prior to the Solvay transaction in exchange for $125,000, paid by the issuance of 173,611 shares of BioSante common stock with a market value of $125,000 at the date of the transaction.

On October 1, 2001, BioSante sub-licensed its Bio-Vant calcium phosphate based vaccine adjuvant on a non-exclusive basis to Corixa Corporation for use in several potential vaccines to be developed by Corixa. Under the agreement, Corixa has agreed to pay BioSante milestone payments upon the achievement by Corixa of certain milestones plus royalty payments on sales by Corixa if and when vaccines are approved using Bio-Vant and sold on a commercial basis. If Corixa sub-licenses vaccines that include Bio-Vant , BioSante will share in milestone payments and royalties received by Corixa. The sub-license agreement covers access to Bio-Vant for a variety of cancer, infectious and autoimmune disease vaccines.

In June 1997, we entered into a licensing agreement with the Regents of the University of California, which has subsequently been amended, pursuant to which the University has granted us an exclusive license to nine United States patents owned by the University, including rights to sublicense such patents, in fields of use initially pertaining to: (1) vaccine adjuvants; (2) vaccine constructs or combinations for use in immunization against herpes virus; (3) drug delivery systems; and (4) red blood cell surrogates. The University of California has filed patent applications for this licensed technology in several foreign jurisdictions, including Canada, Europe and Japan.

The license agreement with the University of California requires us to undertake various obligations as described in Note 13.

5. PROPERTIES AND EQUIPMENT

Property and equipment, net of accumulated depreciation at December 31 comprise:

	2001	2000
Computer equipment	**$ 101,490**	$ 61,643
Office equipment	**78,051**	34,208
Laboratory equipment	**103,012**	103,012

	2001	2000
Leasehold improvements Laboratory	**477,339**	474,294
	759,892	673,157
Accumulated depreciation and amortization	**(374,896)**	(282,336)
	$ 384,996	$ 390,821

6. INCOME TAXES

The components of the Company's net deferred tax asset at December 31, 2001, 2000 and 1999 were as follows:

	2001	2000	1999
Net operating loss carryforwards	$ 4,861,792	$ 3,886,495	$ 2,367,292
Amortization of intangibles	1,323,455	1,468,699	1,613,942
Research & development credits	580,141	191,358	235,310
Other	79,197	60,993	38,794
	6,844,585	5,607,545	4,255,338
Valuation allowance	(6,844,585)	(5,607,545)	(4,255,338)
	$	$	$

The Company has no current tax provision due to its accumulated losses, which result in net operating loss carryforwards. At December 31, 2001, the Company had approximately $13,140,000 of net operating loss carryforwards that are available to reduce future taxable income for a period of up to 20 years. The net operating loss carryforwards expire in the years 2011-2021. The net operating loss carryforwards as well as amortization of various intangibles, principally acquired in-process research and development, generate deferred tax benefits, which have been recorded as deferred tax assets and are entirely offset by a tax valuation allowance. The valuation allowance has been provided at 100% to reduce the deferred tax assets to zero, the amount management believes is more likely than not to be realized. Additionally, the Company has approximately $580,000 of research and development credits available to reduce future income taxes through the year 2014.

The provision for income taxes differs from the amount computed by applying the statutory federal income tax rate of 34% to pre-tax income as follows:

	2001	2000	1999
Tax at U.S. federal statutory rate	$ (887,863)	$ (1,160,388)	$ (469,799)
State taxes, net of federal benefit	(355,149)	(195,854)	(91,015)
Change in valuation allowance	1,237,041	1,352,207	556,972
Other, net	5,971	4,035	3,842
	$	$	$

7. CONVERTIBLE DEBENTURE

In September 2000, in connection with entering into a sub-license agreement, the Company issued a convertible debenture to Paladin Labs Inc. (Paladin) in the face amount of $500,000. The debenture did not bear interest and was due September 1, 2001, unless converted into shares of the Company's common stock. On August 13, 2001, the Company exercised its right and declared the debenture converted in full at a price of $1.05 per share. Accordingly, 476,190 shares of the Company's common stock were issued to Paladin. This was a non-cash financing transaction.

8. STOCKHOLDERS' EQUITY

By articles of amendment dated July 20, 1999 (effective as of July 13, 1999), the subordinate voting shares of the Company were redesignated as common stock, the Class A special shares were reclassified as Class C special shares and the Class B special shares were eliminated. There were no changes in the number of shares outstanding.

a) Authorized

Preference shares

An unlimited number of preference shares issuable in series subject to limitation, rights, and privileges as determined by the directors. No preference shares have been issued as of December 31, 2001.

Special Shares

An unlimited number of Class C special shares without par value, convertible to common stock on the basis of one Class C special share and U.S. $0.25. These shares are not entitled to a dividend and carry one vote per share.

Common Stock

An unlimited number of common shares of stock without par value, which carry one vote per share.

Significant Equity Transactions

Significant equity transactions since the date of the Company's incorporation are as follows:

Prior to the Amalgamation on December 6, 1996, the Company issued 20,000,000 shares of the Company's Class A stock for $0.0001 per share, 4,150,000 shares of Class C stock for $0.0001 per share and 4,100,000 shares of the Company's common stock for $1.00 per share.

Pursuant to the shareholders meeting to approve the arrangement held on November 27, 1996 and the subsequent filing of articles of arrangement on December 6, 1996, the Company completed the acquisition of 100% of the outstanding shares of SBI. Upon the effectiveness of this Amalgamation, the then existing stockholders of SBI received 7,434,322 shares of common stock of the Company (1 common share of the Company for every 3 1/2 shares of SBI). The deemed fair market value of this stock was $4,545,563.

In May 1998, the Company and Avi Ben-Abraham, M.D., a director and a founder of the Company and the Company's then Chief Executive Officer and Chairman of the Board, entered into an agreement pursuant to which Dr. Ben-Abraham would relinquish his executive position and remain as a director of the Company. Pursuant to the agreement,

Dr. Ben-Abraham converted shares of the Company's Class A stock held by him into 15,000,000 shares of common stock at $0.25 per share for proceeds to the Company of $3,750,000. In addition, Dr. Ben-Abraham agreed to return to the Company 1,468,614 shares of Class A stock and 250,000 shares of Class C stock to the Company, and also agreed not to sell any of his shares of common stock or any other securities of the Company for a period of 15 months. The Company and Dr. Ben-Abraham agreed to cross-indemnify each other upon the occurrence of certain events.

In June 1998, the Company issued an aggregate of 2,000,000 shares of common stock pursuant to the conversion of Class A stock at a conversion price of $0.25 per share.

On May 6, 1999, the Company sold an aggregate of 23,125,000 common shares and warrants to purchase 11,562,500 shares of common stock at an exercise price of $0.30 per share to 31 accredited investors in a private placement, including several current members of the board of directors and one executive officer. Net proceeds to the Company from this private placement were approximately $4.2 million.

In August 1999, an outstanding liability of $25,000 was converted into 70,000 shares of common stock.

In July 2000, 190,076 shares of common stock were issued to certain corporate officers in lieu of a cash bonus. On April 4, 2001, the Company sold an aggregate of 9,250,000 common shares and warrants to purchase 4,625,000 shares of common stock at an exercise price of $0.50 per share to 48 accredited investors in a private placement, including several current members of the board of directors and five executive officers. Net proceeds to the Company from this private placement were approximately $3.7 million.

During the third quarter 2001, Paladin made a series of equity investments in BioSante as result of certain sub-licensing transactions and BioSante reaching certain milestones. These equity investments resulted in BioSante issuing an additional 189,394 shares of its common stock to Paladin at a 10 percent premium to BioSante's market price on the date of the transactions. The dollar value of the premium is recorded as licensing income in the statements of operations.

On August 7, 2001, BioSante entered into a sub-license agreement with Solvay Pharmaceuticals, B.V. (Solvay) covering the U.S. and Canadian rights to the estrogen/progestogen combination transdermal hormone replacement gel product licensed from Antares in June 2000. The Canadian rights to this product had previously been sub-licensed to Paladin as part of that sub-license arrangement and were repurchased by the Company prior to the Solvay transaction in exchange for $125,000, paid by the issuance of 173,611 shares of BioSante common stock with a market value of $125,000 at the date of the transaction.

In August 2001, 155,000 shares of common stock were issued to certain corporate officers in lieu of a cash bonus.

On August 13, 2001, the Company exercised its right and declared a convertible debenture in the face amount of $500,000 issued to Paladin Labs Inc. ("Paladin") converted in full at a price of $1.05 per share. See Note 7. Accordingly, 476,190 shares of the Company's common stock were issued to Paladin.

b) Warrants

The Company, upon the acquisition of SBI, assumed 2,577,129 exercisable warrants to purchase common stock, all of which expired prior to or as of December 31, 1998. Of this amount, 72,571 were exercised in 1997 prior to their expiration.

Pursuant to the Company's private placement financing in May 1999, warrants to purchase an aggregate of 11,562,500 shares of common stock were issued at an exercise price of $0.30 per share with a term of five years. These warrants remain outstanding and are all exercisable as of December 31, 2001.

In June 2000, a five-year warrant to purchase 250,000 shares of common stock at an exercise price of $0.88 was issued to a communications firm for various consulting services. The warrant vests quarterly over the first year. As of December 31, 2001, all 250,000 of these shares were exercisable. The Company recognized expense of approximately $18,000 for this warrant grant in 2000 and 2001.

9. STOCK OPTIONS

Pursuant to the Company's private placement financing in April 2001, warrants to purchase an aggregate of 4,625,000 shares of common stock were issued at an exercise price of $0.50 per share with a term of five years. These warrants remain outstanding and are all exercisable as of December 31, 2001.

The Company has a stock option plan for certain officers, directors and employees whereby 8,500,000 shares of common stock have been reserved for issuance. Options for 6,994,657 shares of common stock have been granted as of December 31, 2001 at prices equal to either the ten-day weighted average closing price, or the closing price of the stock at the date of the grant, and are exercisable and vest in a range substantially over a three-year period. The options expire either in five or ten years from the date of the grants.

The Company applies APB Opinion No. 25 and related interpretations in accounting for its plan. Accordingly, no compensation cost has been recognized for the plan. Had the compensation cost for the Company's plan been determined based on the fair value of the awards under the plan consistent with the method of SFAS No. 123 the Company's net loss, cumulative net loss, and basic net loss per common share would have been increased to the pro forma amounts indicated below:

	2001	2000	1999
Net loss			
As reported	**$ (2,611,361)**	$ (3,437,195)	$ (1,406,259)
Pro forma	**$ (3,501,822)**	$ (3,960,210)	$ (1,713,693)
Basic and diluted net loss per share			
As reported	**$ (0.04)**	$ (0.06)	$ (0.03)
Pro forma	**$ (0.05)**	$ (0.07)	$ (0.03)
Cumulative net loss			
As reported	**$ (18,251,033)**		
Pro forma	**$ (20,318,982)**		

The weighted average fair value of the options at the date of the grant for options granted during 2001, 2000 and 1999 was $0.50, $0.90 and $0.33 was estimated using the Cox Rubinstein binomial model and the Black-Scholes option-pricing model with following weighted average assumptions:

	2001	2000	1999
Expected option life (years)	10	10	5
Risk free interest rate	5.39%	6.03%	4.59%
Expected stock price volatility	118.79%	157.06%	238.08%
Dividend yield			

The following table summarizes the Company's stock option activity:

	2001	Weighted Average Exercise Price	2000	Weighted Average Exercise Price	1999	Weighted Average Exercise Price
Options outstanding, Beginning of period	5,263,125	$ 0.33	4,973,125	$ 0.30	2,465,000	$ 0.37
Options granted	1,741,532	$ 0.52	510,000	$ 0.91	3,068,125	$ 0.24
Options cancelled/expired	(10,000)	$ 0.75	(220,000)	$ 1.00	(560,000)	$ 0.31
Options exercised		$		$		$
Options outstanding, End of period	6,994,657	$ 0.38	5,263,125	$ 0.33	4,973,125	$ 0.30
Options exercisable, End of year	5,424,835	$ 0.34	3,865,025	$ 0.28	2,117,113	$ 0.35

The following table summarizes information about stock options outstanding at December 31, 2001:

	Outstanding Options			Options Exercisable	
Range of Exercise Prices	Number Outstanding	Weighted Avg. Remaining Contractual Life	Weighted Avg. Exercise Price	Number Outstanding	Weighted Avg. Exercise Price

Outstanding Options					Options Exercisable	
$ 0.23		2,378,125	2.2 years	$ 0.23	2,255,713	$ 0.23
$ 0.28	$0.29	2,325,000	2.1 years	$ 0.28	2,315,000	$ 0.28
$ 0.40	$0.67	1,741,532	9.2 years	$ 0.52	304,122	$ 0.53
$ 0.91	$1.04	550,000	8.5 years	$ 0.92	550,000	$ 0.92
		6,994,657			5,424,835	

10. RETIREMENT PLAN

In July 1998, the Company began offering a discretionary 401(k) Plan (the Plan) to all of its employees. Under the Plan, employees may defer income on a tax-exempt basis, subject to IRS limitation. Under the Plan the Company can make discretionary matching contributions. Company contributions expensed in 2001, 2000 and 1999 totaled $30,743, $26,296 and $23,899, respectively.

11. LEASE ARRANGEMENTS

The Company has entered into lease commitments for rental of its office space and laboratory facilities. The future minimum lease payments are:

2002	$ 142,811
2003	131,877
Thereafter	
	$ 274,688

Rent expense amounted to $119,765, $82,069 and $89,110 for the years ended December 31, 2001, 2000 and 1999, respectively. Effective September 16, 1999, the Company entered into a sublease agreement for its Atlanta office space under which the Company receives approximately $3,400 per month from the sub-tenant through September 14, 2002.

12. RELATED PARTY TRANSACTIONS

Included in current liabilities are $5,074, $379, and $5,588 which represent amounts due to directors and officers of the Company as of December 31, 2001, 2000 and 1999, respectively.

Prior to the Amalgamation on December 6, 1996, the Company issued 20,000,000 shares of class A stock and 4,150,000 shares of class C stock for $0.0001 per shares. 17,000,000 of the class A shares were sold to a director of the Company. 1,050,000 of the class C shares were sold to the same director of the Company to be held by him in trust for the benefit of others; 500,000 of the class C shares were sold to a separate company controlled by a then officer of the Company; and 2,000,000 of the class C shares were sold to other directors of the Company.

The 20,000,000 class A shares and 4,150,000 class C shares were founder's shares and the terms under the authorization of these shares, provided for their conversion to common stock at $0.25 per share.

In May 1998, the Company and Avi Ben-Abraham, M.D., a director and a founder of the Company and the Company's then Chief Executive Officer and Chairman of the Board, entered into an agreement pursuant to which Dr. Ben-Abraham would relinquish his executive position and remain as a director of the Company. See Note 8.

In connection with the May 1999 private placement of 23,125,000 shares of common stock and warrants to purchase 11,562,500 shares of common stock, the Company's Chief Executive Officer purchased 250,000 shares of the common stock sold and warrants to purchase 125,000 shares of common stock. Three other individuals, who purchased either individually or through affiliated entities, an aggregate 10,250,000 shares of common stock and warrants to purchase 5,125,000 shares of common stock, became directors of the Company upon their acquisition

of the shares or sometime later.

In connection with the April 2001 private placement of 9,250,000 shares of common stock and warrants to purchase 4,625,000 shares of common stock, the Company's Chief Executive Officer, Chief Financial Officer and other senior officers purchased an aggregate of 528,750 shares of the common stock sold and warrants to purchase 264,375 shares of common stock. Three directors, either individually or through affiliated entities, purchased an aggregate 3,125,000 shares of common stock and warrants to purchase 1,562,500 shares of common stock.

13. COMMITMENTS

University of California License

The Company's license agreement with the University of California requires it to undertake various obligations, including:

Payment of royalties to the University based on a percentage of the net sales of any products incorporating the licensed technology;

Payment of minimum annual royalties on February 28 of each year beginning in the year 2004 in the amounts set forth below, to be credited against earned royalties, for the life of the agreement;

Year	Minimum Annual Royalty Due
2004	$ 50,000
2005	100,000
2006	150,000
2007	200,000
2008	400,000
2009	600,000
2010	800,000
2011	1,500,000
2012	1,500,000
2013	1,500,000
	$ 6,800,000

Development of products incorporating the licensed technology until a product is introduced to the market;

Payment of the costs of patent prosecution and maintenance of the patents included in the agreement which for the year ended December 31, 2001 have amounted to $11,358 and which management estimates will equal approximately $15,000 per year;

Meeting performance milestones relating to:

Hiring or contracting with personnel to perform research and development, regulatory and other activities relating to the commercial launch of a proposed product;

Testing proposed products;

Obtaining government approvals;

Conducting clinical trials; and

Introducing products incorporating the licensed technology into the market.

Entering into partnership or alliance arrangements or agreements with other entities regarding commercialization of the technology covered by the license.

The Company has agreed to indemnify, hold harmless and defend the University of California and its affiliates, as designated in the license agreement, against any and all claims, suits, losses, damage, costs, fees and expenses resulting from or arising out of exercise of the license agreement, including but not limited to, any product liability claims.

Antares Pharma, Inc. License

The Company's license agreement with Antares Pharma, Inc. (formerly known as Permatec Technologie, AG) required the Company to make a $1.0 million upfront payment to Antares. The Company expects to fund the development of the products, make milestone payments and once regulatory approval to market is received, pay royalties on the sales of products.

The Company's sub-license agreement in Canada (of the Antares license) with Paladin Labs Inc. required Paladin to make an initial investment in the Company of $500,000 in the form of a convertible debenture. On August 13, 2001, the Company exercised its right and declared the convertible debenture converted in full at a price of $1.05 per share. Accordingly, 476,190 shares of the Company's common stock were issued to Paladin.

Paladin will also make milestone payments to the Company in the form of a series of equity investments at a 10 percent premium to the Company's market price at the time the equity investment is made. In addition, Paladin will pay the Company a royalty on sales of the sub-licensed products.

25,437,500 Shares

Common Stock

Prospectus

, 2002

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 24. 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 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 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 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 and is therefore unenforceable.

Item 25. 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	$	5,088
Printing expenses		1,000
Fees and expenses of counsel for BioSante		40,000
Fees and expenses of accountants for BioSante		8,000
Blue sky fees and expenses		10,000
Miscellaneous		10,000
*Total	$	74,088

*

None of the expenses listed above will be borne by the Selling Stockholders.

Item 26. Recent Sales of Unregistered Securities.

Since April 1, 1999, BioSante has issued the following securities without registration under the Securities Act:

1. In May 1999, we issued an aggregate of 23,125,000 shares of common stock and warrants to purchase 11,562,500 shares of common stock at an exercise price of $0.30 per share to 31 accredited investors pursuant to a private placement of our stock for an aggregate payment of $4,372,500. Stephen Simes purchased 250,000 shares of common stock, Victor Morgenstern, including an affiliated Trust and a Partnership, purchased an aggregate of 2,500,000 shares of common stock, Fred Holubow purchased 250,000 shares of common stock and JO & Co. purchased 7,500,000 shares of common stock to which Ross Mangano has sole voting power.

2. In August 1999, an outstanding liability of $25,000 was converted into 70,000 shares of common stock to an accredited investor at approximately $.36 per share for executive placement services.

3. In March and June 2000, we issued 91,840 shares of common stock to accredited investors pursuant to the conversion of class C stock, at a conversion price of $0.25 per share for an aggregate payment of $22,960.

4. In September 2000, we issued a $500,000 convertible debenture to Paladin Labs Inc.

5. In July 2000, we issued an aggregate of 190,076 shares of common stock (163,859 shares to Stephen Simes and 26,217 shares to Phillip Donenberg) pursuant to the granting of common stock bonuses, in lieu of cash valued at $58,000.

6. In July 2000, we issued 28,341 shares of common stock to an accredited investor pursuant to the conversion of class C stock, at a conversion price of $0.25 per share for a payment of $7,085.25.

7. In April 2001, we issued an aggregate of 9,250,000 shares of our common stock and warrants to purchase an aggregate of 4,625,000 shares of our common stock for $0.40 per unit, each unit consisting of one share of common stock and a warrant to purchase 0.50 shares of our common stock, for an aggregate purchase price of $3,700,000, to 49 accredited investors, including certain existing stockholders, directors and officers. Stephen Simes purchased 125,000 shares of common stock and a warrant to purchase 62,500 shares of common stock, Leah Lehman purchased 375,000 shares of common stock and a warrant to purchase 187,500 shares of common stock, Fred Holubow purchased 125,000 shares of common stock and a warrant to purchase 62,500 shares of common stock, Victor Morgenstern, including an affiliated trust and his wife, purchased an

aggregate of 750,000 shares of common stock and warrants to purchase an aggregate of 375,000 shares of common stock, Phillip Donenberg and John Lee, each purchased 12,500 shares of common stock and a warrant to purchase 6,250 shares of common stock, Steve Bell purchased 3,750 shares of common stock and a warrant to purchase 1,875 shares of common stock, and Ross Mangano, as a trustee and investment advisor purchased an aggregate of 2,250,001 shares of common stock and warrant to purchase an aggregate of 1,124,999 shares of common stock.

8. In August 2001, we issued 476,190 shares of our common stock upon conversion of a $500,000 convertible debenture to Paladin Labs Inc. at a conversion price of $1.05 per share.

9. In August 2001, we issued a stock bonus of 125,000 shares of common stock to Stephen Simes at a price of $0.60 per share, a stock bonus of 20,000 shares of our common stock to Phillip Donenberg at a price of $0.60 per share, and a stock bonus of 10,000 shares of common stock to Steve Bell at a price of $0.60 per share.

10. In September 2001, we issued 11,660 shares of common stock to an accredited investor pursuant to the conversion of class C stock, at a conversion price of $0.25 per share.

No underwriting commissions or discounts were paid with respect to the sales of the unregistered securities described above. In addition, all of the above sales were made in reliance on either Section 4(2) of the Securities Act as transactions by an issuer not involving any public offering or Regulation D of the Securities Act. In all such transactions, certain inquiries were made by BioSante to establish that such sales qualified for such exemption from the registration requirements. In particular, BioSante confirmed that with respect to the exemption claimed

under Section 4(2) of the Securities Act (i) all offers of sales and sales were made by personal contact from officers and directors of BioSante or other persons closely associated with BioSante, (ii) each investor made representations that he or she was sophisticated in relation to this investment (and BioSante has no reason to believe that such representations were incorrect), (iii) each purchaser gave assurance of investment intent and the certificates for the shares bear a legend accordingly, and (iv) offers and sales within any offering were made to a limited number of persons.

Item 27. Exhibits.

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

Item 28. 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;

(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

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.

(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.

(c) The undersigned registrant hereby undertakes that:

(1) For purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.

(2) For the purpose of determining any liability under the Securities Act of 1933, each post-effective amendment that contains a form of prospectus 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.

SIGNATURES

In accordance with the requirements of the Securities Act of 1933, the registrant has duly caused this Post-Effective Amendment No. 1 to this registration statement on Form SB-2 to be signed on its behalf by the undersigned, thereunto duly authorized in City of Lincolnshire, State of Illinois.

Dated: May 3, 2002

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

In accordance with the requirements of the Securities Exchange Act of 1934, this Post-Effective Amendment No. 1 to this registration statement on Form SB-2 has been signed by the following persons in the capacities indicated, on May 3, 2002.

Name and Signature	Title
/s/ STEPHEN M. SIMES	Vice Chairman, President and Chief Executive Officer (Principal Executive Officer)
Stephen M. Simes	
/s/ PHILLIP B. DONENBERG	Chief Financial Officer, Treasurer and Secretary (Principal Financial and Accounting Officer)
Phillip B. Donenberg	
*	Chairman of the Board
Louis W. Sullivan, M.D.	
*	Director
Edward C. Rosenow, III, M.D.	
*	Director
Victor Morgenstern	
*	Director
Ross Mangano	
*	Director
Peter Kjaer	
*	Director
Fred Holubow	

Name and Signature	Title
	II-5
*	Director
Angela Ho	
	Director
Avi Ben-Abraham, M.D.	
/s/ PHILLIP B. DONENBERG	Attorney-in-Fact
Phillip B. Donenberg	
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BIOSANTE PHARMACEUTICALS, INC.
POST-EFFECTIVE AMENDMENT NO. 1
REGISTRATION STATEMENT ON FORM SB-2
EXHIBIT INDEX

Exhibit No.	Exhibit	Method of Filing
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)
3.1	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, (File No. 333-64218)
3.2	Bylaws of BioSante Pharmaceuticals, Inc.	Incorporated by reference to Exhibit 3.2 contained in BioSante's Registration Statement on Form SB-2, as amended, (File No. 333-64218)
4.1	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)
4.2	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 (File No. 333-64218)
5.1	Opinion of Oppenheimer Wolff & Donnelly LLP	Filed previously
10.1	License Agreement, dated June 18, 1997, between BioSante Pharmaceuticals, Inc. and The Regents of the University of California(1)	Incorporated by reference to Exhibit 10.1 contained in BioSante's Registration Statement on Form 10-SB, as amended

Exhibit No.	Exhibit	Method of Filing
		(File No. 0-28637)
10.2	Amendment to License Agreement, dated October 26, 1999, between BioSante Pharmaceuticals, Inc. and the Regents of the University of California(1)	Incorporated by reference to Exhibit 10.2 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)

10.3	Amended and Restated 1998 Stock Option Plan	Incorporated by reference to Exhibit 10.3 contained in BioSante's Registration Statement on Form SB-2, as amended (File No. 333-64218)
10.4	Stock Option Agreement, dated December 7, 1997, between BioSante Pharmaceuticals, Inc. and Edward C. Rosenow, III, M.D.	Incorporated by reference to Exhibit 10.5 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.5	Form of Stock Option Agreement between BioSante Pharmaceuticals, Inc. and each of BioSante's executive officers	Incorporated by reference to Exhibit 10.5 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.6	Escrow Agreement, dated December 5, 1996, among BioSante Pharmaceuticals, Inc., Montreal Trust Company of Canada, as Escrow Agent, and certain shareholders of BioSante Pharmaceuticals, Inc.	Incorporated by reference to Exhibit 10.9 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.7	Registration Rights Agreement, dated May 6, 1999, between BioSante Pharmaceuticals, Inc. and certain shareholders of BioSante Pharmaceuticals, Inc	Incorporated by reference to Exhibit 10.13 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.8	Securities Purchase Agreement, dated May 6, 1999, between BioSante Pharmaceuticals, Inc. and certain shareholders of BioSante Pharmaceuticals, Inc	Incorporated by reference to Exhibit 10.14 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.9	Lease, dated September 15, 1997, between BioSante Pharmaceuticals, Inc. and Highlands Park Associates	Incorporated by reference to Exhibit 10.15 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.10	Employment Agreement, dated January 21, 1998, between BioSante Pharmaceuticals, Inc. and Stephen M. Simes, as amended	Incorporated by reference to Exhibit 10.16 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)
10.11	Employment Agreement, dated June 11, 1998, between BioSante Pharmaceuticals, Inc. and Phillip B. Donenberg, as amended	Incorporated by reference to Exhibit 10.17 contained in BioSante's Registration Statement on Form 10-SB, as amended (File No. 0-28637)

10.12	License Agreement, dated June 13, 2000, between Permatec Technologie, AG and BioSante Pharmaceuticals, Inc.(1)	Incorporated by reference to Exhibit 10.1 contained in BioSante's Current Report on Form 8-K on July 11, 2000 (File No. 0-28637)
10.13	Supply Agreement, dated June 13, 2000, between Permatec Technologie, AG and BioSante Pharmaceuticals, Inc.(1)	Incorporated by reference to Exhibit 10.2 contained in BioSante's Current Report on Form 8-K on July 11, 2000 (File No. 0-28637)
10.14	Employment Agreement, dated August 1, 2000, between BioSante Pharmaceuticals, Inc. and John E. Lee	Incorporated by reference to Exhibit 10.18 to BioSante's Annual Report on Form 10-KSB filed on March 30, 2001(File No. 0-28637)
10.15	Employment Agreement, dated December 15, 2000, between BioSante Pharmaceuticals, Inc. and Leah Lehman, Ph.D.	Incorporated by reference to Exhibit 10.19 to BioSante's Annual Report on Form 10-KSB filed on March 30, 2001 (File No. 0-28637)
10.16	Form of Subscription Agreement in connection with the April 2001 Private Placement	Incorporated by reference to Exhibit 10.19 to BioSante's Registration Statement on Form SB-2, as amended, (File No. 333-64218)
10.17	Sublease Agreement, dated August 29, 2001, between ICON InfoSystems, Inc. and BioSante Pharmaceuticals, Inc.	Incorporated by reference to Exhibit 10.20 to BioSante's Registration Statement on Form SB-2, as amended, (File No. 333-64218)
10.18	Amendment No. 1 to the License Agreement, dated May 20, 2001, between Antares Pharma and BioSante Pharmaceuticals, Inc.(2)	Incorporated by reference to Exhibit 10.18 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.19	Amendment No. 2 to the License Agreement, dated July 5, 2001, between Antares Pharma and BioSante Pharmaceuticals, Inc.(2)	Incorporated by reference to Exhibit 10.19 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.20	Amendment No. 3 to the License Agreement, dated August 30, 2001, between Antares Pharma and BioSante Pharmaceuticals, Inc.(2)	Incorporated by reference to Exhibit 10.20 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)

10.21	Consulting Agreement, dated January 1, 2001, between BioSante Pharmaceuticals, Inc. and Scientific Research Development Corp.	Incorporated by reference to Exhibit 10.21 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.22	Employment Agreement, dated October 1, 2000, between BioSante Pharmaceuticals, Inc. and Steven J. Bell, Ph.D.	Incorporated by reference to Exhibit 10.22 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.23	Amendment No. 2 to the License Agreement, dated May 7, 2001, between	Incorporated by reference to Exhibit

	BioSante Pharmaceuticals, Inc. and The Regents of the University of California (2)	10.23 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
10.24	Separation and Release Agreement, dated February 1, 2002, between BioSante Pharmaceuticals, Inc. and John E. Lee	Incorporated by reference to Exhibit 10.24 to BioSante's Annual Report on Form 10-KSB, filed on March 28, 2002 (File No. 0-28637)
23.1	Consent of Deloitte & Touche LLP	Filed herewith electronically
23.2	Consent of Oppenheimer Wolff & Donnelly LLP (included in Exhibit 5.1)	Filed previously
24.1	Power of Attorney	Filed previously

(1) Confidential treatment under Rule 24b-2 of the Securities Exchange Act of 1934, as amended, has been granted with respect to designated portions of this document.

(2) Confidential treatment has been requested with respect to designated portions of this document. Such portions have been omitted and filed separately with the Secretary of the Securities and Exchange Commission pursuant to Rule 24b-2 of the Securities Exchange Act of 1934, as amended.

QuickLinks