

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-KSB

/X/ ANNUAL REPORT UNDER SECTION 13 OR 15(D) OF THE SECURITIES
EXCHANGE ACT OF 1934 (FEE REQUIRED)

FOR THE FISCAL YEAR ENDED DECEMBER 31, 1997

// TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

FOR THE TRANSITION PERIOD FROM _____ TO _____

COMMISSION FILE NUMBER 0-26918

CYTOKLONAL PHARMACEUTICS INC.

(Name of small business issuer in its charter)

DELAWARE 75-2402409
(State or other jurisdiction of (I.R.S. Employer
incorporation or organization) Identification No.)

9000 HARRY HINES BOULEVARD, SUITE 330, 75235
DALLAS, TEXAS (Zip Code)
(Address of principal executive offices)

Issuer's Telephone Number, including Area Code (214) 353-2922

Securities registered under Section 12(b) of the Exchange Act:

<TABLE>

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<C>

TITLE OF EACH CLASS NAME OF EACH EXCHANGE
ON WHICH REGISTERED

N/A

N/A

</TABLE>

Securities registered under Section 12(g) of the Exchange Act:

COMMON STOCK \$.01 PAR VALUE

(Title of Class)

Check whether the issuer: (1) filed all reports required to be filed by
Section 13 or 15(d) of the Exchange Act during the past 12 months (or for such
shorter period that the registrant was required to file such reports), and (2)
has been subject to such filing requirements for the past 90 days. Yes /X/ No
//.

Check if there is no disclosure of delinquent filers in response to Item 405
of Regulation S-B is not contained in this form, and no disclosure will be
contained, to the best of registrant's knowledge, in definitive proxy or
information statements incorporated by reference in Part III of this Form 10-KSB
or any amendment to this Form 10-KSB. /X/

State issuer's revenues for its most recent fiscal year. \$107,000 (Interest
Income)

State the aggregate market value of the voting stock held by non-affiliates
computed by reference to the price at which the stock was sold, or the average
bid and asked price of such stock, as of March 24, 1998. \$58,962,906.62.

State the number of shares outstanding of each of the issuer's classes of common equity, as of March 24, 1998: 8,872,182 shares of Common Stock, \$.01 par value.

Transitional Small Business Disclosure Format: Yes // No /X/.

DOCUMENTS INCORPORATED BY REFERENCE

N/A

ITEM 1. DESCRIPTION OF BUSINESS

GENERAL

Cytoclonal Pharmaceuticals Inc. ("CPI" or the "Company") is a development stage biopharmaceutical company focusing on the development of diagnostic and therapeutic products for the identification, treatment and prevention of cancer and infectious diseases. To date, the Company has been involved solely in research and development activities relating to several products that are at various stages of development. The Company's research and development activities relate principally to its proprietary fungal paclitaxel production system, its diagnostic and imaging lung cancer products, Human Gene Discovery Program and its Vaccine program. Taxol-TM- (the brand name for Paclitaxel) has been designated by the National Cancer Institute as the most important cancer drug introduced in the past ten years.

The Company's strategy is to focus on its (i) Fungal Paclitaxel Production System Program since Paclitaxel has been approved by the FDA as a treatment for refractory (treatment resistant) breast cancer, ovarian cancer and Kaposi's Sarcoma; (ii) Human Gene Discovery Program, including a proprietary cancer related gene ("LCG gene") and related monoclonal antibody ("MAb") addressing the need for diagnosis and treatment of lung cancer, the second most common form of cancer, and (iii) Vaccine program. Other programs which involve tumor necrosis factor--polyethylene glycol ("TNF-PEG"), a fusion protein ("IL-T"), a potential anti-leukemia drug ("IL-P") and anti-sense therapeutics are being pursued at modest levels. These other programs may serve as platforms for future products and/or alternatives to the two primary programs if unforeseen problems develop. In addition, several of the technologies under development are complementary and could possibly potentiate each other.

The Company was created in 1991 to acquire rights to certain proprietary cancer and viral therapeutic technology ("Wadley Technology") developed at the Wadley Institutes in Dallas, Texas ("Wadley"). See "--Collaborative Agreements--WadTech." Through its own research and development efforts and agreements with other research institutions and biotechnology companies, the Company has acquired and/or developed additional proprietary technology and rights. The Company has not developed any commercial products, will require significant additional financing to complete development and obtain regulatory approvals for its proposed products which, if ever received, can take several years.

In February 1996, the Company obtained exclusive rights to a technology and pending patent developed at the University of California, Los Angeles for the Paclitaxel treatment of polycystic kidney disease. The patent claims were allowed in August 1997.

In June 1996, the Company entered into a Patent License Agreement (the "Regents Agreement") with the Board of Regents of the University of Texas System ("Regents") whereby the Company received an exclusive royalty-bearing license to manufacture, have manufactured, use, sell and/or sublicense products related to a U.S. Patent Application entitled "A Method for Ranking Sequences to Select Target Sequence Zones of Nucleus Acids." The technology has identified optimum regions within genes to bind anti-sense products. Anti-sense products are under development to control genes involved in human diseases such as cancer, diabetes, or AIDS. A patent application has been filed on this technology. This discovery potentially has broad applications to many human and viral genes involved in human disease.

In July 1996, the Company entered into an agreement with the Washington State University Research Foundation ("WSURF") whereby the Company received an

exclusive, world-wide license to use and/or sublicense patented technology or prospective patented technology (the "WSURF Technology") related to genes for enzymes and the associated gene products, including the enzymes, in the biosynthetic pathway for Paclitaxel from the yew tree. This gene will be used along with a related fungal gene region to further optimize the Fungal Paclitaxel Production System.

The Company was originally incorporated in the state of Texas in September 1991 as Bio Pharmaceuticals, Inc. In November 1991, the Company changed its name to Cytoclonal Pharmaceuticals Inc. The

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Company was reincorporated in Delaware by merger into a wholly-owned Delaware subsidiary in January 1992.

RESEARCH AND DEVELOPMENT PROGRAMS

FUNGAL PACLITAXEL PRODUCTION SYSTEM PROGRAM

Scientists at the Company in collaboration with the inventors of the fungal Paclitaxel technology (the "Fungal Paclitaxel Technology"), have developed a system for the production of Paclitaxel (the "Fungal Paclitaxel Production System") utilizing microbial fermentation. Microbial fermentation is considered one of the most cost effective systems for drug production. The Company's objective under this program is to become a low-cost, high volume producer of Paclitaxel.

Presently, Paclitaxel is made from the inner bark and needles of the slow-growing Pacific yew tree. Supplies of Paclitaxel are limited and it is expensive. The Fungal Paclitaxel Technology licensed by the Company utilizes a Paclitaxel producing micro-organism, specifically the fungus *Taxomyces andreanae*. This fungus was initially isolated from a Pacific yew tree and has been adapted to grow independently from the yew tree utilizing fermentation processes. Detailed chemical analysis of the Paclitaxel produced by the fungus indicates chemical equivalency to Taxol-TM- produced from the Pacific yew tree. Science, 260, 214-216 (1993).

The Paclitaxel producing fungus was discovered by Dr. Gary Strobel from Montana State University ("MSU"), Dr. Andrea Stierle from MSU and Montana College of Mineral Science and Technology ("MCMST") and Dr. Donald Stierle of MCMST. Drs. Stierle and Dr. Strobel assigned their rights to the Fungal Paclitaxel Technology to Research & Development Institute, Inc. ("RDI"), a non-profit corporation which manages intellectual property for MSU and MCMST. RDI was issued a U.S. patent on the Fungal Paclitaxel Technology on June 21, 1994 covering the method of isolating the fungus which produces Paclitaxel, the use of the fungus to make Paclitaxel, and the method of producing Paclitaxel from the fungus. In June 1993, RDI granted the Company worldwide exclusive rights to the Fungal Paclitaxel Technology and technologies related thereto. See "--Collaborative Agreements--RDI." It has been reported that over ten companies, including several major pharmaceutical companies, were competing to license this technology. The Company believes that the experience of Dr. Arthur Bollon, the Company's Chairman, President and Chief Executive Officer, in the area of fungi, which originated from his Post-Doctoral Fellowship at Yale University, combined with the research and development activities of the Company in anti-cancer products, contributed to the Company obtaining the Fungal Paclitaxel Technology.

The Fungal Paclitaxel Production System also produces certain compounds called Taxanes which can be precursors to Paclitaxel or related compounds like Taxotere. These compounds are under investigation by several entities, including Rhone-Poulenc Rorer Pharmaceuticals, Inc., which is developing Taxotere as a therapeutic for use in the treatment of lung cancer.

Development efforts are continuing with respect to the Fungal Paclitaxel Production System with the goal of generating commercial quantities of Paclitaxel at reduced cost. Scientists at the Company, in conjunction with the inventors of the Fungal Paclitaxel Technology, have increased the level of Paclitaxel production over 3,000 fold from the initial levels of production under the Fungal Paclitaxel Production System. Media, growth conditions and strain improvements continue to be used to improve the Fungal Paclitaxel Production System. The Company's participation in this development program is under the direction of Dr. Rajinder Sidhu, Director of the Company's Fungal Paclitaxel Program, and Dr. Arthur Bollon, the Company's Chairman. In February 1996, the Company entered into two license agreements with the Regents of the

University of California, granting to the Company exclusive rights to: (1) a pending patent, entitled Inhibition of Cyst Formation By Cytoskeletal Specific Drugs that makes use of various drugs, one of which is Paclitaxel and (2) technology in the field of Pharmacological Treatment for Polycystic Kidney Disease. See "UCLA License Agreements".

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Furthermore, in July 1996, the Company entered into an exclusive license agreement with Washington State University granting the Company the exclusive rights to a gene isolated from the Yew tree by Dr. Rodney Croteau. The gene codes for the enzyme Taxadiene Synthase which is involved in a critical step for Paclitaxel production. The gene and a related gene region isolated by the Company is expected to be utilized to further increase the efficiency of Paclitaxel synthesis by the fungus. Manipulation of genes by genetic engineering have greatly improved production of pharmaceutical products such as antibiotics and human interferon and insulin.

The National Cancer Institute ("NCI") has recognized Taxol-TM- as one of the most important cancer drugs discovered in the past decade. Paclitaxel, although not a cure for cancer, promotes the assembly of cellular microtubules so fast growing cells such as cancer cells are unable to divide and proliferate. This mode of action is in contrast to most cancer drugs which target the cell nucleus or DNA. Paclitaxel has proven to be effective in treating refractory (treatment-resistant) ovarian and breast cancers and, in preliminary clinical trials, has shown potential for treating refractory non-small cell lung cancer ("NSCLC") and certain other cancers. Due to its different mode of action, Paclitaxel is being tested in combination therapy with other cancer therapeutic drugs.

Evidence to date has shown that Paclitaxel is generally well tolerated by patients with reduced side effects compared to other chemotherapy treatments. Considering that no currently available anticancer agents are free from toxicity, Paclitaxel's comparative safety profile suggests substantial improvements in quality of life for patients who must undergo chemotherapy. Nevertheless, hypersensitivity reactions and other side effects have been noted during Paclitaxel administration. Reactions are characterized by transient hypotension and an allergic type response, which appear to cease upon stopping drug administration. Premedication effectively minimizes or eliminates this problem, although side effects may nevertheless limit Paclitaxel use in some patients. In addition, Paclitaxel has been shown to produce peripheral neuropathy (loss of sensation or pain and tingling in the extremities) and neutropenia (low white blood cell counts), which also may, in certain cases, limit Paclitaxel's use.

In June 1991, the NCI formalized a Collaborative Research and Development Agreement ("CRADA") for development of Paclitaxel with Bristol-Myers Squibb Company, Inc. ("Bristol-Myers") as its pharmaceutical manufacturing and marketing partner. This CRADA granted to Bristol-Myers the exclusive use of NCI's clinical data relating to Paclitaxel in seeking approval from the FDA, which significantly shortened the approval process and prevented any other party from obtaining FDA approval using the NCI data. Bristol-Myers received FDA approval for the commercial sale of its Paclitaxel as a treatment for refractory ovarian cancer in April 1994. Since December 1992, Bristol-Myers has been the sole source of Paclitaxel for commercial purposes. It is the Company's understanding that Bristol-Myers is currently conducting clinical trials required for FDA approval of Paclitaxel for treating other cancers.

The five year exclusive Paclitaxel rights of Bristol-Myers Squibb (BMY) expired in December 1997. Companies can submit Abbreviated New Drug Applications ("ANDAs") for the approval of Paclitaxel produced by other methods which generate a Paclitaxel which is bioequivalent to the commercial Paclitaxel approved by the FDA. It is a goal of the Company to file an ANDA for generic Paclitaxel, either alone or with a strategic partner. Bearing on submission of an ANDA for Paclitaxel is a recently issued patent to BMY covering a three hour infusion of Paclitaxel which is presently the delivery mode for Paclitaxel. The relationship between this infusion patent and ANDA submissions are under analysis by several parties. Additional indications for Paclitaxel utility are under analysis and Orphan Drug status for Paclitaxel treatment of Kaposi's Sarcoma was given to BMY in August 1997 and involved a seven year exclusivity. Under regulations of the FDA, approval of a generic drug from a new production source can be submitted by an ANDA where the generic drug from the new source contains the same active ingredient as that in the pioneer drug. In addition, information must be submitted showing similar indications, routes of

administration, dosage form and strength, and that the generic drug is "bioequivalent" to the pioneer drug. Also included in the ANDA submission is information concerning manufacturing, processing and packaging required in NDA applications. Additional safety and efficacy information is usually not required. However,

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there can be no assurance that the Company will not be required to submit such information or that any ANDA submitted by the Company will be approved. To date, the Company has not submitted an ANDA submission to the FDA with respect to Paclitaxel, and there can be no assurance that any such submission will be made, and if made, whether the FDA will approve such submission.

Alternative production systems for Paclitaxel, such as plant cell culture, complete synthesis and improved processing of yew tree material, are under investigation by others and there can be no assurance that such alternative methods will not be developed prior to the Company's proposed method or that they will not prove more efficient and cost effective than the method being developed by the Company.

HUMAN GENE DISCOVERY PROGRAM/LUNG CANCER PROGRAM

The Company's Human Gene Discovery Program focuses on identifying and isolating human genes by utilizing biological markers employing MABs and analyzing cellular activities associated with the cause or treatment of various diseases. Genes play an important role in the development of a variety of therapeutics, diagnostics and other products and services. Proteins expressed by genes are the targets of many drugs. As a result, the identification of proteins can play an important role in the development of drugs and drug screens. The identification of genes that code for proteins that may be missing or defective can enable the development of therapeutics for genetic diseases. In addition, identification of genes that may predispose a person to a particular disease may enable the development of diagnostic tests for the disease.

One of the central features of the Company's Human Gene Discovery Program is its proprietary human gene expression libraries and its Retroselection-TM-approach to isolating human genes with a defined function. Currently, these libraries consist of over 50,000 human gene clones isolated by the Company through extracting expressed messenger RNA from human tissue and cells in different development stages and in normal and diseased states. By comparing the genes expressed from tissue in different physiological states (e.g., diseased and normal), the Company hopes to identify genes that are expressed during different stages of a disease and that could serve as components of diagnostic tests or as targets for therapeutic drugs. Thus, the Company's Human Gene Discovery Program concentrates on gene products with associated biological or medical use as opposed to only DNA sequences. At present the Company is focusing on creating MAB and DNA probes products for diagnostic and imaging applications.

The Company is developing a proprietary MAB (the "LCG MAB") which recognizes a specific protein (the "LCG protein") on the surface of some lung cancer cells, such as NSCLC which is believed to represent approximately 65% of lung cancers. In addition, the cancer related human gene ("LCG gene") that makes this surface protein, has been isolated by CPI scientists by a process CPI calls Retroselection. The specificity of the LCG protein to some lung cancers is based on studies on biopsy material, biodistribution studies on animal model systems and Phase I clinical trials. A U.S. patent for the LCG gene, filed by the Company in July 1994, was issued on December 31, 1996.

The LCG gene and LCG MAB are being developed by the Company as a potential diagnostic product to test in vitro serum, tissue or respiratory aspirant material for presence of cells which may indicate a predisposition or early sign of lung cancer. The LCG MAB is also being developed as an in vivo imaging agent for lung cancer. An imaging agent may assist physicians in establishing the location of a cancer and if the cancer has spread to other sites in the body. In Phase I human clinical trials performed at Wadley, the LCG MAB made from mouse cells and labeled with a radioactive marker showed strong specificity in 5 of 6 patients. In these trials, the LCG MAB bound to the lung cancer but was not detectable for normal lung cells. These clinical studies will be expanded with a human-related form of the LCG MAB which is presently under development by the Company. Working with cells in culture, the Company is studying whether the LCG gene itself may be potentially useful as a DNA probe to test for the presence of the LCG gene expression where the LCG protein has not been made or has been made at low levels.

Additional potential products under development using the LCG gene and LCG MAb are products for the delivery of therapeutic drugs such as Paclitaxel and/or TNF-PEG to the cancer. The involvement of

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the LCG gene in the formation and metabolism of the lung cancer is also under investigation. In addition, the LCG protein could possibly be used as an antigen for a vaccine against NSCLC. The Company has deferred plans to initiate testing in animal model systems and conducting clinical trials since successful development of vaccine applications will take significant additional research and development efforts and expenditures.

The Human Gene Discovery Program is also being used to isolate additional novel cancer related genes utilizing specific MAbs for breast and ovarian cancer and melanoma which are proprietary to the Company. A U.S. patent for the melanoma MAb was issued to WadTech and assigned to the Company. A U.S. patent for a melanoma antigen issued to the Company in August, 1997. See "--Collaborative Agreements--WadTech."

The Human Gene Discovery Program is conducted under the direction of Dr. Richard Torczynski, along with Dr. Bollon. Dr. Torczynski and Dr. Bollon have extensive experience isolating human genes including IFN-WA, a novel interferon, and the LCG gene. The human-related form of the LCG MAb is under the direction of Dr. Susan Berent.

OTHER PROGRAMS

In addition to its Fungal Paclitaxel Production System Program and Human Gene Discovery Program/ Lung Cancer Program, the Company is pursuing other programs at modest levels which may serve as platforms for the development of future products and/or alternatives to such primary programs. These include Vaccine Program, Anti-sense Therapeutics Program, TNF-PEG: Broad Range Anticancer Drug Program, IL-T: Prevention of Radiation and Chemotherapy Damage Program and IL-P Anti-leukemic Product Program.

VACCINE PROGRAM. The main objective of the Company's vaccine program is to develop genetically engineered live vaccines for diseases that are life threatening. CPI's current strategy consists of (i) identifying bacterial host strains that are the best suited for delivering recombinant immunogens and cancer markers; (ii) developing proprietary cloning and expression vectors that can transfer, maintain and express recombinant immunogens and cancer markers in the delivery system; and (iii) cloning genes for specific immunogens or cancer markers into the vectors and testing the vaccine system in appropriate animal models and, if successful, commencing clinical trials.

The Company has identified three host strains of mycobacteria that appear well suited for expressing and delivering protein and lipid antigens. Furthermore, CPI has constructed plasmid and phage based cloning vectors and developed reproducible transformation techniques for the host strains. These vectors have large cloning capacities and are highly efficient in transformation. Potential antigens for cancer markers are the proprietary LCG gene and other cancer genes for breast cancer and melanoma which are under development by the Company. The Company's goal is to license, as licensor and licensee, new cancer specific marker genes and to enter into strategic partnerships to develop vaccines for infectious diseases, such as tuberculosis.

These vaccine studies are under the direction of Dr. Labidi, who is director of the Company's vaccine program. Dr. Labidi, who received his Ph.D. in Microbiology from the Pasteur Institute, in Paris, France, was one of the early investigators to establish the plasmid profile of several mycobacterium species and was the first to isolate, characterize and sequence the mycobacterium plasmid pAL5000 which has contributed to mycobacterium cloning and expression vectors. Working with the Company and Dr. Labidi is Dr. Hugo David, a consultant to the Company and a member of its Scientific Advisory Board. Dr. David was formerly the head of the tuberculosis program at the Center for Disease Control (CDC) in the U.S. and at the Pasteur Institute. The Company is establishing research support for Dr. David's work on a new vaccine for tuberculosis.

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ANTI-SENSE THERAPEUTICS PROGRAM. Anti-sense has the potential of regulating genes involved in various disease states. The Company is sponsoring anti-sense research and development under the direction of Dr. Donald Gray, Professor of

Molecular and Cell Biology at University of Texas at Dallas. The Company had a right of first refusal for an exclusive worldwide license for the technology developed in connection with these research activities, which rights the Company exercised in June 1996 and has obtained an exclusive world-wide license for certain anti-sense technology developed by Dr. Gray. Pursuant to this program, Dr. Gray has developed, and a patent application has been submitted covering, proprietary technology which may improve the efficiency of anti-sense reagents potentially applicable to a broad spectrum of diseases. The capability has recently been computerized, which will be contained in a related patent continuation-in-part [status]. See "--Collaborative Agreements--University of Texas."

TNF-PEG: BROAD RANGE ANTICANCER DRUG PROGRAM. TNF is a natural immune protein (cytokine) made by human cells. It has been found to kill in vitro a high percentage of different cancer cells compared to normal cells and is one of the most potent anticancer agents tested in animals. CPI has TNF technology, including TNF analogs, which the Company believes are proprietary and which were developed at Wadley utilizing a genetically engineered bacteria and developed further by Lymphokine Partners Limited, a partnership set up by an affiliate of Wadley and Phillips Petroleum Company (the "Wadley/Phillips Partnership"). CPI acquired this technology from Wadley Technologies, Inc. ("WadTech"). See "--Collaborative Agreements--WadTech." Phase I and II human clinical trials were performed at Wadley using 23 patients with different kinds of cancer. These studies, as well as studies on TNF technology developed by others, showed no therapeutic benefit from TNF in humans because of the high toxicity of TNF at therapeutic doses and its relatively short half life (approximately 30 minutes) at lower doses.

Pursuant to a research collaboration (the "Enzon Agreement") with Enzon, Inc. ("Enzon"), the Company and Enzon are developing an anticancer agent combining the Company's TNF technology with Enzon's patented polyethylene glycol ("PEG") technology. See "--Collaborative Agreements--Enzon." The PEG process involves chemically attaching PEG, a relatively non-reactive and non-toxic polymer, to proteins and certain other biopharmaceuticals for the purpose of enhancing their therapeutic value. Attachment of PEG helps to disguise the proteins and to reduce their recognition by the immune system, thereby generally lowering potential immunogenicity. Both the increased molecular size and lower immunogenicity result in extended circulating blood life, in some cases from minutes to days. The PEG technology is a proven technology covered by patents held by Enzon. To the Company's knowledge, Enzon has two products on the market using PEG, namely, PEG-adenosine deaminase, for treatment of the immune deficiency disease known as the "bubble boy," and PEG-Asparaginase, a cancer chemotherapeutic drug. In preliminary animal studies at Sloan-Kettering Institute for Cancer Research ("Sloan-Kettering"), a TNF-PEG construct has been tested in an animal cancer model system and was shown to kill tumors with possibly reduced toxicity. See "--Collaborative Agreements--Sloan-Kettering." The results of these studies will be confirmed and expanded and, if the TNF-PEG does result in longer half life and reduced toxicity, an IND for clinical trials is expected to be submitted by the Company and/or Enzon. There can, however, be no assurance that similar results will be found in humans. The Enzon Agreement also involves directing TNF-PEG to human cancers using Enzon's proprietary single chain antibodies.

The Enzon Agreement involves equal sharing of revenue from sales of TNF-PEG if both parties contribute equally to its development, which is CPI's intention. There can, however, be no assurance that the Company will have the financial resources to meet such obligations. The Enzon Agreement also specifies that Enzon will work with only CPI on the construction of TNF-PEG, unless CPI consents to Enzon working with a third party. See "--Collaborative Agreements--Enzon."

IL-T: PREVENTION OF RADIATION AND CHEMOTHERAPY DAMAGE PROGRAM. This program involves a novel protein called IL-T. CPI and the Wadley/Phillips Partnership constructed IL-T through genetic engineering by fusing together parts of two human immune proteins ("cytokines"), Interleukin and TNF. The Company is testing various combinations of cytokines for improved protection against radiation and chemotherapy damage. The IL-T protein has been tested in animal studies for protection against radiation damage at

Sloan-Kettering and these studies are expected to continue. Following animal studies confirmation of protection against radiation damage could potentially lead to filing an investigational new drug ("IND") application with the FDA

followed by Phase I clinical trials. Products proprietary to others have shown protection against radiation damage and to potentiate weakened immune cells. The Company has filed a patent application for IL-T. See "--Collaborative Agreements--WadTech" and "--Collaborative Agreements--Sloan-Kettering."

IL-P ANTI-LEUKEMIC PRODUCT PROGRAM. Through its joint venture with Pestka Biomedical Laboratories, Inc. ("Pestka"), the Company is participating in the development of a novel anti-leukemic drug known as ("IL-P"). This research and development involves the application of certain phosphorylation technology developed at Pestka and licensed to the joint venture to interleukin-2. Various constructs of IL-P have been tested at Pestka and the Company expects to provide additional funding to the joint venture for the continuation of such tests. See "--Collaborative Agreements--Cytomune."

For the fiscal years ended December 31, 1997 and 1996, the Company incurred \$1,469,000 and \$1,576,000 00 of research and development expenses, respectively.

COLLABORATIVE AGREEMENTS

WADTECH

In October 1991, the Company entered into a purchase agreement with WadTech (the "WadTech Agreement"), whereby the Company acquired certain of WadTech's right, title and interest in and to the Wadley Technology, including technology developed by Wadley, and acquired by WadTech upon dissolution of the Wadley/Phillips Partnership and licensed to WadTech by Phillips Petroleum Company ("Phillips"). The Wadley Technology includes, but is not limited to, technology related to TNF, IL-T, a novel interferon designated IFN-WA, and select melanoma, ovarian, breast, colon and lung cancer MABs. See "--Research and Development Programs--Human Gene Discovery Program/Lung Cancer Program" and "--Research and Development Programs--Other Programs--TNF/PEG: Broad Anticancer Drug Program."

Pursuant to the WadTech Agreement, the Company agreed to (i) pay WadTech the sum of \$1,250,000 (the "Fixed Sum"), (ii) pay WadTech royalties on sales of products incorporating the Wadley Technology and a percentage of all royalties and other consideration paid to the Company by any licensees of the Wadley Technology, all of which are to be applied toward the Fixed Sum, (iii) assume WadTech's obligations under a license agreement entered into in March 1989 between the Wadley/Phillips Partnership and Phillips (the "Phillips Agreement"), namely the obligation to pay royalties of up to 3.75% on sales products produced using Phillips recombinant yeast expression system, and (iv) pay to WadTech minimum annual royalties of \$31,250 for the year beginning October 1, 1996, \$62,500 for the year beginning October 1, 1997 and \$125,000 for each year thereafter. The WadTech Agreement provides that the royalties and other sums payable by the Company to WadTech are at a higher rate until the Fixed Sum has been paid in full. The term of the WadTech Agreement is for 99 years but may be terminated earlier by WadTech if the Company fails to cure a default in its payment obligations or breaches any material term or condition of the agreement.

In order to secure the Company's obligation to pay the Fixed Sum to WadTech, the Company and WadTech entered into a Security Agreement (the "Security Agreement"), pursuant to which WadTech retains a security interest in all of the Wadley Technology until the Fixed Sum is paid in full to WadTech. The Security Agreement also provides that in the event of a default (which includes failure of the Company to perform any material obligation under the WadTech Agreement), WadTech would have the right to license the Wadley Technology to a third party or sell the Wadley Technology through a foreclosure sale.

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RDI

In June 1993, the Company entered into a license agreement (the "Paclitaxel License Agreement") with RDI, a non-profit entity which manages the intellectual property of MSU and MCMST, granting to the Company worldwide exclusive rights to the Fungal Paclitaxel Technology. Pursuant to the Paclitaxel License Agreement, the Company made an initial payment of \$150,000 to RDI and has agreed to pay RDI royalties on sales of products using the Fungal Paclitaxel Technology and a percentage of royalties paid to the Company by sublicensees of the Fungal Paclitaxel Technology in minimum amounts of \$25,000 for the first year, \$50,000 for the second year, \$75,000 for the third year, and \$100,000 for all years thereafter that the license is retained. The Company also granted to RDI stock options to purchase up to 20,000 shares of the Company's Common Stock at \$2.50

per share exercisable over four years. The Company and RDI also entered into a Research and Development Agreement (the "Paclitaxel R&D Agreement") effective the date of the RDI License Agreement. The Paclitaxel R&D Agreement provides for RDI to perform research and development at MSU relating to the Fungal Paclitaxel Production System. Pursuant to the Paclitaxel R&D Agreement, the Company has agreed to make payments of \$250,000 per year for four years. The Company has, to date, paid a total of \$1,400,000 under both RDI agreements. In February 1995, the Company and RDI amended the RDI License Agreement and Paclitaxel R&D Agreement to include technology applicable to commercial products, in addition to Paclitaxel and Paclitaxel related technology, identified and developed from organisms/products supplied to CPI by Dr. Gary Strobel, Dr. Andrea Stierle and/or Dr. Donald Stierle pursuant to the Paclitaxel License Agreement and Paclitaxel R&D Agreement. These additional technologies could include, but are not limited to, anti-cancer, anti-viral, anti-fungal or any other activities which could result in any commercial products.

In February 1995, the Company entered into a license agreement (the "FTS-2 License Agreement") with RDI, granting to the Company worldwide exclusive rights to practice all intellectual property rights relating to a fungal strain identified as "FTS-2" (the "FTS-2 Rights") which contains a cytotoxic activity for a breast cancer line and related activities. In October 1995, the Company entered into a license agreement (the "Tbp-5 License Agreement") with RDI, granting to the Company worldwide exclusive rights to practice all intellectual property rights relating to a fungal strain identified as "Tbp-5" (the "Tbp-5 Rights"; the FTS-2 Rights and the Tbp-5 Rights are collectively referred to herein as the "Intellectual Property Rights") which contains a cytotoxic activity for a breast cancer cell line. Pursuant to the FTS-2 License Agreement and the Tbp-5 License Agreement, the Company has agreed to pay RDI royalties on sales of products or services using the Intellectual Property Rights and a percentage of royalties paid to the Company by sublicensees using the Intellectual Property Rights.

UCLA LICENSE AGREEMENTS

In February 1996, the Company entered into two license agreements with the Regents of the University of California, granting to the Company exclusive rights to: (1) a pending patent, entitled Inhibition of Cyst Formation By Cytoskeletal Specific Drugs ("UCLA License Agreement I") that makes use of various drugs, one of which is Paclitaxel and (2) technology in the field of Pharmacological Treatment for Polycystic Kidney Disease ("UCLA License Agreement II"). Pursuant to the UCLA License Agreement I, the Company paid a license issue fee of \$5,000 and has agreed to pay the University of California \$10,000 upon issuance of a patent. Pursuant to the UCLA License Agreement II, the Company paid a license issue fee of \$5,000 and has agreed to pay the University of California \$5,000 upon issuance of a patent. The Company must pay a yearly license maintenance fee on both licenses until the Company is commercially selling a product based on the technology derived from these UCLA License Agreements, at which time a royalty based on net sales will be due.

ENZON

In July 1992, the Company and Enzon entered into the Enzon Agreement providing for the conduct of a collaborative research and development program to develop an anticancer agent by combining the

Company's TNF technology with Enzon's PEG technology. Pursuant to this agreement, each party agreed to fund its own development costs associated with the initial stage, roughly the first year, of the program. The agreement provides that if both parties agree to continue the TNF-PEG program jointly each party shall share equally in the cost of such research and development and the profits therefrom. If one party decides not to proceed or later is unable to share jointly, the continuing party will receive exclusive (even as to the other party) worldwide licenses in the applicable technology of the other party and will pay the other party royalties. The term of the Enzon Agreement is 15 years for each product developed under the program from the date of FDA approval to market such product. The Company and Enzon also entered into a similar agreement in March 1992 relating to combining various target proteins to be developed by the Company with Enzon's PEG-technology pursuant to which agreement Enzon funded certain of the Company's initial research and development activities thereunder. To the extent this earlier agreement applied to TNF, it was superseded by the Enzon Agreement. Currently, the primary focus of the parties is on the Enzon Agreement and the TNF-PEG technology.

SLOAN-KETTERING

Pursuant to a Research Agreement effective April 8, 1994 between the Company and the Sloan-Kettering, Sloan-Kettering has agreed to continue evaluating the IL-T fusion protein to determine whether such protein protects mice against radiation and chemotherapy. In connection with such activities, Sloan-Kettering has agreed to provide all necessary personnel, equipment supplies and facilities in completion of the protocol set forth in the agreement for a budget not to exceed \$35,000. Inventions resulting from Sloan-Kettering's research which were not contemplated by the parties, if any, will be the property of Sloan-Kettering; however, Sloan-Kettering must grant the Company the right of first refusal to acquire a world-wide exclusive license to develop and commercialize any such invention upon mutually agreeable terms. The term of the agreement is through completion of the protocol.

CYTOMUNE

Cytomune, Inc. ("Cytomune") is a joint venture (50:50) between CPI and Pestka. A novel anti-leukemic drug, IL-P, is in development utilizing proprietary technology developed by Dr. Sidney Pestka. Dr. Pestka developed interferon for commercial use for Hoffmann-La Roche, Inc. The objective of the joint venture is to develop IL-P for the diagnosis and treatment of leukemia. For their respective interests in the joint venture the Company contributed \$233,000 and certain technology and Pestka contributed exclusive rights to phosphorylation technology as applied to interleukin-2. Pestka has performed research and development for Cytomune relating to IL-P using this technology. Additional funding is not required but, if provided, will permit such research and development to continue.

UNIVERSITY OF TEXAS

In June 1992, the Company and the University of Texas at Dallas ("UTD") entered into an agreement, which has been amended, pursuant to which UTD performs certain research and development activities relating to anti-sense compounds and related technology for use in humans as therapeutic and diagnostic products. Pursuant to the agreement, UTD provides all necessary personnel, equipment supplies and facilities in consideration for an amended budget not to exceed \$240,240. Inventions under the agreement, if any, will be the property of UTD; however, UTD must grant the Company the right of first refusal to acquire a license to develop and commercialize any intellectual property resulting from the agreement for a royalty to be negotiated, not to exceed eight percent of the net sales (as defined in the agreement) of commercialized products. The Company is not required to pay any upfront fee or any minimum royalty. The agreement has been extended through May 1998 in consideration for the Company's agreement to increase the original funding commitment from \$150,240 to \$240,240 of which amount the Company has paid \$216,533 as of March 17, 1998. In June 1996, the Company entered into a Patent License Agreement (the "Regents Agreement") with the Board of Regents of the University of Texas

System ("Regents") whereby the Company received an exclusive royalty-bearing license to manufacture, have manufactured, use, sell and/or sublicense products related to a U.S. Patent Application entitled "A Method for Ranking Sequences to Select Target Sequence Zones of Nucleus Acids." The technology has identified optimum regions within genes to bind Anti-sense products. Anti-sense products are under development to control genes involved in human diseases such as cancer, diabetes, or AIDS. This discovery potentially has broad applications to many human and viral genes involved in human disease. The Company is required to pay Regents certain royalties and sublicensing fees. The Regents Agreement shall be in full force and effect until patent rights have expired or 20 years, whichever is longer. However, the Regents Agreement will terminate (i) automatically if the Company's obligations to pay royalties and sublicensing fees are not satisfied within 30 days after the Company receives written notice of its failure to make such payment; (ii) upon 90 days' written notice if the Company or Regents shall breach or default on any obligation under the Regents Agreement; and (iii) upon 60 days' written notice by the Company. In addition, Regents may terminate the exclusivity of the Regents Agreement at any time after June 1999 and may terminate the license completely at any time after June 2001 if the Company fails to provide Regents with written evidence that it has commercialized or is actively attempting to commercialize the licensed product. There can be no assurance that any revenues will be derived by the Company as a result of the agreement or that the Regents will not be in a position to

exercise its termination rights.

HELM AG

The Company entered into a marketing agreement, effective in November 1994, with Helm AG, a world-wide distributor of pharmaceutical and related products, granting Helm AG the right, in certain parts of Europe, to market the technology and/or products of, and arrange business introductions for, the Company on a commission basis. The agreement is terminable by either party on six months' notice. To date, the Company has no products available for distribution and thus no revenues have been derived from such agreement. There can be no assurance that any revenues will be derived by the Company from this agreement in the future.

WSURF

In July 1996, the Company entered into an agreement with the Washington State University Research Foundation ("WSURF") whereby the Company received an exclusive, world-wide license to use and/or sublicense patented technology or prospective patented technology (the "WSURF Technology") related to genes for enzymes and the associated gene products, including the enzymes, in the biosynthetic pathway for Paclitaxel. The Company is required to pay WSURF license fees of \$7,500 per year as well as certain royalties and sublicensing fees. This Agreement shall be in full force and effect until the last to expire of the patents licensed under the WSURF Technology. However, the Company may terminate the agreement on 90 days notice provided that all amounts due to WSURF are paid. WSURF may terminate the agreement immediately if the Company ceases to carry on its business or on 90 days notice if the Company is in default in payment of fees and/or royalties, is in breach of any provisions of the agreement, provides materially false reports or institutes bankruptcy, insolvency, liquidation or receivership proceedings. There can be no assurance that any revenues will be derived by the Company as a result of the agreement.

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PATENTS, LICENSES AND PROPRIETARY RIGHTS

The Company has rights to a number of patents and patent applications. In 1991, the Company entered into the WadTech Agreement, whereby it was assigned two issued United States patents (expiring, under current law, in 2006 and 2007, respectively), three pending United States patent applications and six pending foreign patent applications held by WadTech. A. U.S. patent for the LCG gene, filed by the Company in July 1994, was issued on December 31, 1996. Pursuant to the Paclitaxel License Agreement, the Company has been granted an exclusive license to the technology contained in the Fungal Paclitaxel Production System, including one issued United States patent, one United States patent application with allowed claims and foreign patent applications. In addition, UTD has filed a patent application relating to certain anti-sense technology with respect to which, pursuant to the agreement between the Company and UTD, the Company has a right of first refusal to acquire a license to develop and commercialize products using such technology. Pursuant to the UCLA License Agreement I, the Company has been granted an exclusive license to technology involving the "Inhibition of Cyst Formation By Cytoskeletal Specific Drugs" and related patent of which the claims have been allowed by the U.S. Patent and Trademark Office in August 1997.

The Company's policy is to protect its technology by, among other things, filing patent applications for technology it considers important in the development of its business. In addition to filing patent applications in the United States, the Company has filed, and intends to file, patent applications in foreign countries on a selective basis. The Company has filed patent applications relating to its IL-T and Lung Cancer Gene technologies and is preparing to file additional patent applications, relating primarily to technologies for vaccines and Paclitaxel production. Although a patent has a statutory presumption of validity in the United States, the issuance of a patent is not conclusive as to such validity or as to the enforceable scope of the claims of the patent. There can be no assurance that the Company's issued patents or any patents subsequently issued to or licensed by the Company will not be successfully challenged in the future. The validity or enforceability of a patent after its issuance by the patent office can be challenged in litigation. If the outcome of the litigation is adverse to the owner of the patent, third parties may then be able to use the invention covered by the patent, in some cases without payment. There can be no assurance that patents in which the Company has rights will not be infringed or successfully avoided

through design innovation.

There can be no assurance that patent applications owned by or licensed to the Company will result in patents being issued or that the patents will afford protection against competitors with similar technology. It is also possible that third parties may obtain patent or other proprietary rights that may be necessary or useful to the Company. In cases where third parties are first to invent a particular product or technology, it is possible that those parties will obtain patents that will be sufficiently broad so as to prevent the Company from using certain technology or from further developing or commercializing certain products. If licenses from third parties are necessary but cannot be obtained, commercialization of the related products would be delayed or prevented. The Company is aware of patent applications and issued patents belonging to competitors and it is uncertain whether any of these, or patent applications filed of which the Company may not have any knowledge, will require the Company to alter its potential products or processes, pay licensing fees or cease certain activities.

The Company also relies on unpatented technology, trade secrets and information and no assurance can be given that others will not independently develop substantially equivalent information and techniques or otherwise gain access to the Company's technology or disclose such technology, or that the Company can meaningfully protect its rights in such unpatented technology, trade secrets and information. The Company requires each of its employees to execute a confidentiality agreement at the commencement of an employment relationship with the Company. The agreements generally provide that all inventions conceived by the individual in the course of employment or in the providing of services to the Company and all confidential information developed by, or made known to, the individual during the term of the relationship shall be the exclusive property of the Company and shall be kept confidential and not

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disclosed to third parties except in limited specified circumstances. There can be no assurance, however, that these agreements will provide meaningful protection for the Company in the event of unauthorized use or disclosure of such confidential information.

COMPETITION

All of the Company's proposed products will face competition from existing therapies. The development by others of novel treatment methods for those indications for which the Company is developing compounds could render the Company's compounds non-competitive or obsolete. This competition potentially includes all of the pharmaceutical concerns in the world that are developing pharmaceuticals for the diagnosis and treatment of cancer. Competition in pharmaceuticals is generally based on performance characteristics, price and timing of market introduction of competitive products. Acceptance by hospitals, physicians and patients is crucial to the success of a product. Price competition may become increasingly important as a result of an increased focus by insurers and regulators on the containment of health care costs. In addition, the various federal and state agencies have enacted regulations requiring rebates of a portion of the purchase price of many pharmaceutical products.

Most of the Company's existing or potential competitors have substantially greater financial, technical and human resources than the Company and may be better equipped to develop, manufacture and market products. In addition, many of these companies have extensive experience in pre-clinical testing, human clinical trials and the regulatory approval process. These companies may develop and introduce products and processes competitive with or superior to those of the Company. See "--Research and Development Programs--Fungal Paclitaxel Production System Program" for a discussion of a CRADA granted to Bristol-Myers.

The Company's competition also will be determined in part by the potential indications for which the Company's compounds are developed. For certain of the Company's potential products, an important factor in competition may be the timing of market introduction of its own or competitive products. Accordingly, the relative speed with which the Company can develop products, complete the clinical trials and regulatory approval processes and supply commercial quantities of the products to the market are expected to be important competitive factors. The Company expects that competition among products approved for sale will be based on, among other things, product efficacy, safety, reliability, availability, price and patent position.

The Company's competitive position also depends upon its ability to attract and retain qualified personnel, obtain patent protection or otherwise develop proprietary products or processes and secure sufficient capital resources for the often lengthy period between technological conception and commercial sales.

GOVERNMENT REGULATION

The production and marketing of the Company's products and its research and development activities are subject to regulation for safety and efficacy by numerous governmental authorities in the United States and other countries. In the United States, drugs and pharmaceutical products are subject to rigorous FDA review. The Federal Food, Drug, and Cosmetic Act, the Public Health Service Act and other federal statutes and regulations govern or influence the testing, manufacture, safety, labeling, storage, record keeping, approval, advertising and promotion of such products. Non-compliance with applicable requirements can result in fines, recall or seizure of products, total or partial suspension of production, refusal of the government to approve product license applications or allow the Company to enter into supply contracts and criminal prosecution. The FDA also has the authority to revoke product licenses and establishment licenses previously granted.

In order to obtain FDA approval of a new product, the Company must submit proof of safety, purity, potency and efficacy. In most cases such proof entails extensive pre-clinical, clinical and laboratory tests. The testing, preparation of necessary applications and processing of those applications by the FDA is

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expensive and may take several years to complete. There is no assurance that the FDA will act favorably or quickly in making such reviews, and significant difficulties or costs may be encountered by the Company in its efforts to obtain FDA approvals that could delay or preclude the Company from marketing any products it may develop. The FDA may also require post-marketing testing and surveillance to monitor the effects of approved products or place conditions on any approvals that could restrict the commercial applications of such products. Product approvals may be withdrawn if compliance with regulatory standards is not maintained or if problems occur following initial marketing. With respect to patented products or technologies, delays imposed by the governmental approval process may materially reduce the period during which the Company will have the exclusive right to exploit them.

The time period between when a promising new compound is identified and when human testing is initiated is generally referred to as the pre-clinical development period. During this time, a manufacturing process is identified and developed to be capable of producing the compound in an adequately pure and well characterized form for human use. Production of compounds for use in humans is governed by a series of FDA regulations known as Good Manufacturing Practices ("GMP"), which govern all aspects of the manufacturing process. The FDA has published a "Points to Consider" guidance document with respect to the manufacture of MABs for human use.

The FDA approval process for a new and unfamiliar term or drug involves completion of pre-clinical studies and the submission of the results of these studies to the FDA in an investigational new drug application ("IND"). Pre-clinical studies involve laboratory evaluation of product characteristics and animal studies to assess the efficacy and safety of the product. Pre-clinical studies are regulated by the FDA under a series of regulations called the Good Laboratory Practices ("GLP") regulations. Violations of these regulations can, in some cases, lead to invalidation of the studies, requiring those studies to be replicated.

Once the IND is approved, human clinical trials may be conducted. Human clinical trials are typically conducted in three sequential phases, but the phases may overlap. Phase I trials consist of testing the product in a small number of volunteers, primarily for safety at one or more doses. In Phase II, in addition to safety, the efficacy of the product is evaluated in a patient population somewhat larger than Phase I trials. Phase III trials typically involve additional testing for safety and clinical efficacy in an expanded population at geographically dispersed test sites. A clinical plan, or "protocol," accompanied by the approval of the institution participating in the trials, must be submitted to the FDA prior to commencement of each clinical trial. The FDA may order the temporary or permanent discontinuation of a clinical trial at any time.

To date an IND was submitted for the LCG-MAB clinical trials at Wadley. The Company intends to file an IND for a humanized form of the LCG-MAB followed by clinical trials. The results of the pre-clinical and clinical testing are submitted to the FDA in the form of a New Drug Application ("NDA") or, in the case of a biologic, such as LCG-MAB and other MABs, as part of a product license application ("PLA"). In a process which generally takes several years, the FDA reviews this application and once, and if, it decides that adequate data is available to show that the new compound is both safe and effective, approves the drug or biologic product for marketing. The amount of time taken for this approval process is a function of a number of variables including the quality of the submission and studies presented, the potential contribution that the compound will make in improving the treatment of the disease in question and the workload at the FDA. There can be no assurance that any new drug will successfully proceed through this approval process or that it will be approved in any specific period of time.

The FDA may, during its review of an NDA or PLA, ask for the production of additional test data. If the FDA does ultimately approve the product, it may require post-marketing testing, including potentially expensive Phase IV studies, and surveillance to monitor the safety and effectiveness of the drug. In addition, the FDA may in some circumstances impose restrictions on the use of the drug that may be difficult and expensive to administer and may seek to require prior approval of promotional materials.

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Manufacture of a biologic product must be in a facility covered by an FDA-approved Establishment License Application. Manufacture, holding, and distribution of both biologic and non-biologic drugs must be in compliance with GMPs. Manufacturers must continue to expend time, money, and effort in the area of production and quality control and record keeping and reporting to ensure full compliance with those requirements. The labeling, advertising, and promotion of a drug or biologic product must be in compliance with FDA regulatory requirements. Failures to comply with applicable requirements relating to manufacture, distribution, or promotion can lead to FDA demands that production and shipment cease, and, in some cases, that products be recalled, or to enforcement actions that can include seizures, injunctions, and criminal prosecution. Such failures can also lead to FDA withdrawal of approval to market the product.

The FDA may designate a biologic or drug as an Orphan Drug for a particular use, in which event the developer of the biologic or drug may request grants from the government to defray the costs of certain expenses related to the clinical testing of such drug and be entitled to a seven year marketing exclusivity period.

The Company's ability to commercialize its products successfully may also depend in part on the extent to which reimbursement for the cost of such products and related treatment will be available from government health administration authorities, private health insurers and other organizations. Such third-party payors are increasingly challenging the price of medical products and services. Several proposals have been made that may lead to a government-directed national health care system. Adoption of such a system could further limit reimbursement for medical products and services. Significant uncertainty exists as to the reimbursement status of newly approved health care products, and there can be no assurance that adequate third-party coverage will be available to enable the Company to maintain price levels sufficient to realize an appropriate return on this investment in product development.

The Company is also subject to regulation by the Occupational Safety and Health Administration ("OSHA") and the Environmental Protection Agency ("EPA") and to regulation under the Toxic Substances Control Act, the Resource Conservation and Recovery Act and other regulatory statutes, and may in the future be subject to other federal, state or local regulations. Either or both of OSHA or the EPA may promulgate regulations that may affect the Company's research and development programs. The Company is unable to predict whether any agency will adopt any regulation which would have a material adverse effect on the Company's operations.

Sales of pharmaceutical products outside the United States are subject to foreign regulatory requirements that vary widely from country to country. Whether or not FDA approval has been obtained, approval of a product by comparable regulatory authorities of foreign countries must be obtained prior to the commencement of marketing the product in those countries. The time required

to obtain such approval may be longer or shorter than that required for FDA approval.

MANUFACTURING AND MARKETING

Neither the Company nor any of its officers or employees has pharmaceutical marketing experience. Furthermore, the Company has never manufactured or marketed any products and the Company does not have the resources to manufacture or market on a commercial scale any products that it may develop. The Company's long-term objective is to manufacture and market certain of its products and to rely on independent third parties for the manufacture of certain of its other products. For the foreseeable future, the Company will be required to rely on corporate partners or others to manufacture or market products it develops, although no specific arrangements have been made. No assurance can be given that the Company will enter into any such arrangements on acceptable terms.

MANUFACTURING. While the Company intends to select manufacturers that comply with GMP and other regulatory standards, there can be no assurance that these manufacturers will comply with such standards, that they will give the Company's orders the highest priority or that the Company would be able

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to find substitute manufacturers, if necessary. In order for the Company to establish a manufacturing facility, the Company will require substantial additional funds and will be required to hire and retain significant additional personnel and comply with the extensive GMP regulations of the FDA applicable to such a facility. No assurance can be given that the Company will be able to make the transition successfully to commercial production, should it choose to do so.

MARKETING. Despite the Company's strategy to develop products for sale to concentrated markets, significant additional expenditures and management resources will be required to develop an internal sales force, and there can be no assurance that the Company will be successful in penetrating the markets for any products developed. For certain products under development, the Company may seek to enter into development and marketing agreements which grant exclusive marketing rights to its corporate partners in return for royalties to be received on sales, if any. Under certain of these agreements, the Company's marketing partner may have the responsibility for all or a significant portion of the development and regulatory approval. In the event that the marketing and development partner fails to develop a marketable product or fails to market a product successfully, the Company's business may be adversely affected. The sale of certain products outside the United States will also be dependent on the successful completion of arrangements with future partners, licensees or distributors in each territory. There can be no assurance that the Company will be successful in establishing any additional collaborative arrangements, or that, if established, such future partners will be successful in commercializing products.

PRODUCT LIABILITY INSURANCE

The testing, marketing and sale of human health care products entail an inherent risk of allegations of product liability, and there can be no assurance that product liability claims will not be asserted against the Company. The Company intends to obtain product liability insurance for its ongoing clinical trials. Such coverage may not be adequate as and when the Company further develops products. There can be no assurance that the Company will be able to obtain, maintain or increase its insurance coverage in the future on acceptable terms or that any claims against the Company will not exceed the amount of such coverage.

HUMAN RESOURCES

As of March 17, 1998, the Company had 13 full-time employees, 10 of whom were engaged directly in research and development activities and three of whom were in executive and administrative positions. The Company's employees are not governed by any collective bargaining agreement and the Company believes that its relationship with its employees is good.

ITEM 2. DESCRIPTION OF PROPERTY

The Company occupies an aggregate of approximately 10,200 square feet of both office and laboratory space in Dallas, Texas at two separate facilities. The Company leases approximately 4,800 square feet of office and laboratory

space pursuant to a lease agreement expiring in August 1998. In addition, the Company occupies an additional approximate 5,400 square feet of office and laboratory space pursuant to a lease assigned to the Company by the Wadley/Phillips Partnership and which lease term has been extended until December 1998. The Company's lease payments for the fiscal year ended December 31, 1997 were approximately \$140,000. See Note J of Notes to Financial Statements.

ITEM 3. LEGAL PROCEEDINGS

As of the date hereof, the Company is not a party to any material legal proceedings.

ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITYHOLDERS

None.

16 PART II

ITEM 5. MARKET FOR COMMON EQUITY AND RELATED STOCKHOLDER MATTERS

The Company's Common Stock, Class C Warrants and Class D Warrants are traded in the over-the-counter market on the Nasdaq SmallCap Market System under the symbols CYPH, CYPHW and CYPHZ, respectively, since November 2, 1995. The following table sets forth the high and low bid prices for the Common Stock as reported by the National Association of Securities Dealers, Inc. for the periods indicated. The prices set forth below represent quotes between dealers and do not include commissions, mark-ups or mark-downs, and may not necessarily represent actual transactions.

<TABLE>

<CAPTION>

	COMMON STOCK		CLASS C WARRANTS		CLASS D WARRANTS	
	HIGH	LOW	HIGH	LOW	HIGH	LOW
	<C>	<C>	<C>	<C>	<C>	<C>
FISCAL 1996						
First Quarter.....	4 1/2	4 1/8	1 11/16	1 3/16	13/16	1/2
Second Quarter.....	6 1/4	4	2 3/8	1 7/16	1 1/16	1/2
Third Quarter.....	4 3/8	3 1/8	1 13/16	1 1/8	11/16	5/16
Fourth Quarter.....	3 3/4	2	1 3/8	5/8	1/2	5/32
FISCAL 1997						
First Quarter.....	4 7/16	2 1/8	1 7/8	11/16	11/16	5/32
Second Quarter.....	3 1/4	2 1/2	1	3/8	5/8	1/4
Third Quarter.....	10 1/16	2 7/16	5 7/8	9/16	2 11/16	3/16
Fourth Quarter.....	11 1/2	5 7/8	9 3/8	2 13/16	5	1 3/8

</TABLE>

The Company believes that as of March 17, 1998, there were in excess of 300 beneficial holders of its Common Stock.

The Company has never paid cash dividends on its Common Stock and does not anticipate paying cash dividends on its Common Stock in the foreseeable future.

ITEM 6. PLAN OF OPERATION

The Company was organized and commenced operations in September 1991. The Company is in the development stage, and its efforts have been principally devoted to research and development activities and organizational efforts, including the development of products for the treatment of cancer and infectious diseases, recruiting its scientific and management personnel and advisors and raising capital.

The Company's plan of operation for the next 12 months will consist of research and development and related activities aimed at:

- further development of the Paclitaxel production from the Fungal Paclitaxel Production System using fermentation technologies, strain improvements and utilizing Paclitaxel-specific genes. See "Business--Research and Development Programs--Fungal Paclitaxel Production System Program."

- further development of the Paclitaxel treatment of polycystic kidney disease, a potential new Paclitaxel indication.
- further development of a diagnostic test using the patented LCG gene and related MAb to test in vitro serum, tissue or respiratory aspirant material for the presence of cells which may indicate a predisposition to, or early sign of, lung or other cancers. See "Business--Human Gene Discovery Program/Lung Cancer Program."
- further analysis of the TNF-PEG technology as an anti-cancer agent in animal studies. See "Business--Research and Development Programs--Other Programs--TNF-PEG: Broad Range Anticancer Drug Program."

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- testing proprietary vectors which have been constructed for the expression of specific proteins that may be utilizable for vaccines for different diseases. See "Business--Research and Development Programs--Other Programs--IL-T: Prevention of Radiation and Chemotherapy Damage Program."
- further development of the anti-sense technology currently being conducted at the University of Texas at Dallas. See "Business--Research and Development Programs--Other Programs--Anti-sense Therapeutics Program."
- developing a humanized antibody specific for the protein associated with the LCG gene and, if successful, submission of an IND for clinical trials. See "Business--Research and Development Programs--Human Gene Discovery Program/Lung Cancer Program."
- making modest improvements to the Company's laboratory facilities.
- hiring approximately additional research technicians and a financial vice president.
- seeking to establish strategic partnerships for the development, marketing, sales and manufacturing of the Company's proposed products. See "Business--Manufacturing and Marketing."

The actual research and development and related activities of the Company may vary significantly from current plans depending on numerous factors, including changes in the costs of such activities from current estimates, the results of the Company's research and development programs, the results of clinical studies, the timing of regulatory submissions, technological advances, determinations as to commercial potential and the status of competitive products. The focus and direction of the Company's operations will also be dependent upon the establishment of collaborative arrangements with other companies, the availability of financing and other factors.

The Company incurred net losses of \$2,691,000, \$2,890,000 and \$3,252,000 for the twelve months ended December 1995, 1996 and 1997, respectively. The increase in net loss for 1996 from 1995 was primarily attributable to an increase in research and development expenses and general and administrative expenses partially offset by interest income generated from the proceeds of the Company's initial public offering of November 1995 and a decrease in interest expense. The increase in net losses from 1997 to 1996 was attributable to decrease in interest income and an increase in general and administrative expenses. The Company expects to incur additional losses in the foreseeable future.

The Company incurred general and administrative expenses of \$1,138,000, \$1,530,000 and \$1,888,000 for the twelve months ended December 1995, 1996 and 1997, respectively. The increase in 1996 was primarily attributable to increased public relations expenses, legal and professional fees and a full year's premium for Director's and Officer's liability insurance. Also contributing to the 1996 increase was increased expenses for technology marketing, travel and consulting fees. The increase in 1996 was partially offset by a decrease in financing costs. Included in the general and administrative expenses for 1996 was a non-cash charge of \$130,000 related to the valuation of stock options issued to consultants of the Company. The increase from 1996 to 1997 was attributable to increased legal and professional fees, as well as, increased consulting fees and travel expenses. Included in general and administrative expenses for 1997 was a non-cash charge of \$133,000 related to the valuation of stock options issued to consultants of the Company.

The Company incurred research and development expenses of \$1,181,000, \$1,576,000 and \$1,469,000 for the twelve months ended December 1995, 1996 and 1997, respectively. The increases from 1995 to 1996 was attributable to an increase in the expenses for laboratory supplies and equipment and an increase in research salaries. Also contributing to the 1996 increase was expenses for contract research and development and license fees. Included in the research and development expenses for 1996 was a non-cash charge of \$42,000 related to the valuation of warrants issued to the Washington State University Research Foundation. The decrease from 1996 to 1997 was attributable to the completion of the Company's funding

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obligation to Research and Development, Inc., partially offset by increased expenses for contract research and development at Washington State University and increased rent expenses.

During the period from April 2 through April 13, 1998, the Company received net proceeds of \$4,539,048 from the sale of units consisting of 631,796 shares of Common Stock and Class E Warrants to purchase 315,917 shares of Common Stock at exercise prices per share from \$9.82 to \$10.39, subject to adjustment upon the occurrence of certain events.

The Company believes that it has sufficient capital to finance the Company's plan of operation for approximately 12 months. However, there can be no assurance that the Company will generate sufficient revenues, if any, to fund its operations after such period or that any required financings will be available, through bank borrowings, debt or equity offerings, or otherwise, on acceptable terms or at all.

ITEM 7. FINANCIAL STATEMENTS

The following consolidated financial statements of the Company are included in Item 7: (See page F-1)

Balance sheet as at December 31, 1997.

Statements of operations--Year ended December 31, 1997 and 1996 and for the period from September 11, 1991 (Inception) through December 31, 1997.

Statements of stockholder's equity--Year ended December 31, 1997, 1996, 1995, 1994, 1993 and 1992 and for the period from September 11, 1991 (Inception) through December 31, 1991.

Statements of cash flows--Year ended December 31, 1997 and 1996 and for the period from September 11, 1991 (Inception) through December 31, 1997.

Notes to consolidated financial statements.

All other schedules for which provision is made in the applicable accounting regulations of the Securities and Exchange Commission are not required under the related instructions or are not applicable and therefore have been omitted.

ITEM 8. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURES

None.

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PART III

ITEM 9. DIRECTORS, EXECUTIVE OFFICERS, PROMOTERS AND CONTROL PERSONS; COMPLIANCE WITH SECTION 16(A) OF THE EXCHANGE ACT

EXECUTIVE OFFICERS, DIRECTORS AND PRINCIPAL SCIENTISTS

The executive officers, directors and principal scientists of the Company are as follows:

<TABLE>

<CAPTION>

NAME

AGE

POSITION

<S>	<C>	<C>
Arthur P. Bollon, Ph.D.(1).....	55	Chairman, President and Chief Executive Officer
Ira J. Gelb, M.D.(1).....	69	Director
Irwin C. Gerson(1).....	68	Director
Walter M. Lovenberg, Ph.D.....	63	Director
Daniel Shusterman, J.D.....	34	Vice President of Operations, Treasurer and Chief Financial Officer
Susan L. Berent, Ph.D.....	45	Director of Gene & Protein Engineering and Computer Systems, Co-Director Molecular Immunology and Gene Expression Systems
Hakim Labidi, Ph.D.....	40	Director of Vaccine Program
Rajinder Singh Sidhu, Ph.D.....	49	Director of Fungal Paclitaxel Program, Co-Director of Gene Expression Systems
Richard M. Torczynski, Ph.D.....	42	Director of Human Gene Discovery, Mammalian Expression System and Diagnostic Development, Co-Director of Molecular Immunology
</TABLE>		

(1) Members of Audit and Compensation Committees

ARTHUR P. BOLLON, PH.D., a founder of the Company, has, since the Company's inception in 1991, served as Chairman of the Board of Directors, President, Chief Executive Officer and, until March 1995, Treasurer. Dr. Bollon received his Ph.D. from the Institute of Microbiology at Rutgers University and was a Post Doctoral Fellow at Yale University. He has served as consultant to a number of major companies (including Merck, Sharp & Dohme and Diamond Shamrock) and has previously served on the Board of Directors and Advisory Boards of several biotechnology companies, including Viragen, Inc., Wadley Biosciences Corp. and American Bio-netics, Inc. From 1987 to 1991, Dr. Bollon served as President and Chief Executive Officer of the Wadley/Phillips Partnership. Prior to that time, he was Director of Genetic Engineering and Chairman of the Department of Molecular Genetics at Wadley Institutes of Molecular Medicine. In his capacities at the Wadley/Phillips Partnership and Wadley Institutes, Dr. Bollon has played a leading role in bringing the technology that forms the basis of CPI from conception to reality.

IRA J. GELB, M.D. has been a director of the Company since April 1994. Dr. Gelb received his M.D. from New York University School of Medicine in 1951. After finishing his training in cardiology at the Mount Sinai Hospital in New York City in 1957, he continued his association with that institution until his retirement in 1992. During this period, he was appointed Attending Cardiologist and Associate Clinical Professor at the Mount Sinai School of Medicine. Other appointments included Adjunct Associate Clinical Professor of Cardiology at Cornell Medical School, Adjunct Clinical Professor of Cardiology at New York Medical College, Cardiology Consultant at Lawrence Hospital, Bronxville, N.Y. and United Hospital, Portchester, N.Y. Dr. Gelb is a past President of the American Heart Association, Westchester-Putnam Chapter and was a Senior Assistant Editor with the American Journal of Cardiology from 1968-1983, when he became a founding editor of the Journal of the American College of Cardiology (the "JACC"). Dr. Gelb continued as a Senior Assistant Editor of JACC until his retirement in 1992. Since that time, he

has served on the boards of various pharmaceutical companies. Dr. Gelb has been an Adjunct Professor, Department of Chemistry and Biochemistry at Florida Atlantic University and a member of its Foundation Board, since October 1996 and its Steering Committee, since 1997. Since December 1996 he has also been a member of the Board of Directors of the American Heart Association--Boca Raton Division. In 1998, Boca Raton Community Hospital added Dr. Gelb as a member to its Foundation Board. Since 1992, Dr. Gelb has been an Honorary Lecturer at The Mount Sinai School of Medicine.

IRWIN C. GERSON has been a director since March 1995. Since January 1998 Mr. Gerson has been Chairman Emeritus of Lowe McAdams Healthcare. Prior thereto, from 1996 until December 1997, he had been Chairman of Lowe McAdams Healthcare and prior thereto he had been, since 1986, Chairman and Chief Executive Officer of William Douglas McAdams, Inc., one of the largest advertising agencies in the U.S. specializing in pharmaceutical communications to healthcare professionals. Mr. Gerson received his B.S. in pharmacy from Fordham University and an MBA from the NYU Graduate School of Business Administration. In 1992, Mr. Gerson received an honorary Doctor of Humane Letters from the Albany College of Pharmacy. Mr. Gerson serves as a Trustee of Long Island University, Chairman of The Council of Overseers--Arnold and Marie Schwartz College of Pharmacy, member of the Board of Trustees of the Albany College of Pharmacy and, from 1967 through 1974, was a lecturer on sales management pharmaceutical marketing at the Columbia College School of Pharmacy. Mr. Gerson also serves as a Member of the Board of Governors, New York Council, American Association of Advertising Agencies, a Director (and past chairman) of Business Publications Audit ("BPA"), a Director of the Connecticut Grand Opera, a Director of the Stamford Chamber Orchestra, and is a director of Andrx Corp., a NASDAQ traded company. Mr. Gerson previously served as Director of the foundation of Pharmacists and Corporate Americans for AIDS Education, the Pharmaceutical Advertising Council, Penn Dixie Industries, Continental Steel Corporation, the Nutrition Research Foundation and as a Trustee of the Chemotherapy Foundation.

WALTER M. LOVENBERG, PH.D. has been a director since August 1995. Dr. Lovenberg was an Executive Vice President and member of the Board of Directors of Marion Merrell Dow Inc. from 1989 through August 1993. Dr. Lovenberg served as the President of the Marion Merrell Dow Research Institute from 1989 to 1993 and Vice President from 1986 through 1989. Prior to joining Marion Merrell Dow (1958-1985), he was a Senior Scientist and Chief of Biochemical Pharmacology at the National Institutes of Health. Dr. Lovenberg has been President of Lovenberg Associates, Inc. since 1993. He is currently CEO of Helicon Therapeutics Inc., a private company, and also a member of the Board of Directors of OSI Pharmaceuticals, Inc. (NASDAQ), Xenometrix Inc. and Inflazyme Pharmaceuticals, Inc. (Vancouver Exchange). Dr. Lovenberg received his Ph.D. from George Washington University and his B.S. and M.S. from Rutgers University. Dr. Lovenberg, who serves as Executive Editor of Analytical Biochemistry and Editor (USA) of Neurochemistry International, is a consulting editor to several other scientific journals. He has been the recipient of many awards, including a Fulbright-Hays Senior Scholar Award and a Public Health Service Superior Service Award. Dr. Lovenberg is a member of the American College of Neuropsychopharmacology, the American Society of Neurochemistry and the American Society of Biochemistry and Molecular Biology.

DANIEL SHUSTERMAN, J.D. was named Vice President of Operations of the Company in 1994 and Treasurer and Chief Financial Officer in March 1995, after having served as Director of Operations since he joined the Company in 1991. Mr. Shusterman received his M.S. degree with an emphasis on biotechnology from the University of Texas in 1988. He was Director of Operations at Wadley/Phillips Partnership for three years prior to joining CPI. Mr. Shusterman is a registered Patent Agent and received his J.D. from Texas Wesleyan University School of Law in 1993 and has been a member of the Texas bar since 1994. In addition to his role as a V.P. of Operations, he is contributing to the implementation of an intellectual property protection and maintenance system at CPI.

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SUSAN L. BERENT, PH.D. has been with the Company since 1991 as Director of Gene and Protein Engineering and Computer Systems. Dr. Berent received her Ph.D in Biological Chemistry from the University of Michigan and completed a postdoctoral fellowship at the Department of Molecular Genetics, Wadley Institutes of Molecular Medicine. She was appointed to Senior Scientist at Wadley in 1984 and maintained that position in the Wadley/Phillips Partnership until she joined the Company in 1991. Dr. Berent is an expert in protein chemistry, DNA libraries, cytokines such as TNF, and production systems.

HAKIM LABIDI, PH.D. has been with the Company since 1991 as Director of the Vaccine Program. Dr. Labidi received his Ph.D. in Microbiology at the Pasteur Institute in Paris, France and has been a senior scientist at CPI since 1991. Prior to joining the Company, Dr. Labidi was a Senior Research Investigator and Assistant Professor at the University of Texas from 1987 to 1989 and an Associate Professor at Kuwait University from 1989 until 1991. Dr. Labidi was the first to isolate and sequence a plasmid from mycobacterium.

RAJINDER SINGH SIDHU, PH.D. has been with the Company since 1991 as Director of the Fungal Program and Co-Director of Gene Expression Systems. Dr. Sidhu received his Ph.D. degree in Microbiology from Haryana Agricultural University in Hissar, India, and completed a postdoctoral fellowship at Osaka University in Japan. He was appointed to Senior Scientist at Wadley in 1984 and maintained that position in the Wadley/Phillips Partnership until he joined the Company. Dr. Sidhu is an expert on gene fusion and engineering, fungal genes and secretion, cytokines such as TNF, and production systems.

RICHARD M. TORCZYNSKI, PH.D. has been with the Company since 1991 as Director of Human Gene Discovery, Mammalian Expression System and Diagnostic Development, and Co-Director of Molecular Immunology. Dr. Torczynski received his Ph.D. degree in Biology from the University of Texas and completed his research fellowship under the direction of Dr. Arthur Bollon. He was appointed to Senior Scientist at Wadley in 1984 and maintained that position in Wadley/Phillips Partnership. Dr. Torczynski is an expert on certain specialized gene libraries, monoclonal antibodies and cytokines such as interferon.

The Board of Directors currently consists of four members. All directors hold office until the next annual meeting of stockholders and until their successors are duly elected and qualified. Officers are elected to serve, subject to the discretion of the Board of Directors, until their successors are appointed.

Directors receive fees of \$1,000 per month. Dr. Gelb has, to date, also received options to purchase 104,000 shares of Common Stock, of which 50,000 are exercisable at \$4.125 per share, 10,000 are exercisable at \$3.75 per share, 5,000 are exercisable at \$5.00 per share, 4,000 are exercisable at \$3.9375 per share, 20,000 are exercisable at \$2.6875 per share and 15,000 are exercisable at \$4.3175 per share. Mr. Gerson has, to date, received options to purchase 100,000 shares of Common Stock of which 50,000 are exercisable at \$4.125 per share, 6,000 are exercisable at \$4.375 per share, 5,000 are exercisable at \$5.00 per share, 4,000 are exercisable at \$3.9375 per share, 20,000 are exercisable at \$2.6875 per share and 15,000 are exercisable at \$4.3175 per share. Dr. Lovenberg has, to date, received options to purchase 100,000 shares of Common Stock of which 50,000 are exercisable at \$4.125 per share, 11,000 are exercisable at \$5.00 per share and 4,000 are exercisable at \$3.9375 per share, 20,000 are exercisable at \$2.6875 and 15,000 are exercisable at \$4.3175 per share. See "Executive Compensation" for information regarding stock option grants to Dr. Bollon. Directors are also reimbursed for expenses actually incurred in connection with their attendance at meetings of the Board of Directors.

The Company's Certificate of Incorporation includes certain provisions permitted pursuant to Delaware law whereby officers and directors of the Company are to be indemnified against certain liabilities. The Company's Certificate of Incorporation also limits, to the fullest extent permitted by Delaware law, a director's liability for monetary damages for breach of fiduciary duty, including gross negligence, except liability for (i) breach of the director's duty of loyalty, (ii) acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of the law, (iii) the unlawful payment of a dividend

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or unlawful stock purchase or redemption and (iv) any transaction from which the director derives an improper personal benefit. Delaware law does not eliminate a director's duty of care and this provision has no effect on the availability of equitable remedies such as injunction or rescission based upon a director's breach of the duty of care. In addition, the Company has obtained an insurance policy providing coverage for certain liabilities of its officers and directors.

The Company has been advised that it is the position of the Securities and Exchange Commission that insofar as the foregoing provision may be invoked to disclaim liability for damages arising under the Securities Act, such provision is against public policy as expressed in the Securities Act and is therefore unenforceable.

SCIENTIFIC ADVISORS/CONSULTANTS

The Company also maintains a Scientific Advisory Board currently consists of individuals having extensive experience in the fields of molecular genetics, chemistry, oncology and microbiology. At the Company's request, the scientific advisors review and evaluate the Company's research programs and advise the Company with respect to technical matters in fields in which the Company is

involved.

All of the scientific advisors are employed by other entities and some have consulting agreements with entities other than the Company, some of which entities may in the future compete with the Company. Four of the current scientific advisors receive \$1,000 per month from the Company. The scientific advisors are expected to devote only a small portion of their time to the Company and are not expected to participate actively in the day-to-day affairs of the Company. Certain of the institutions with which the scientific advisors are affiliated may adopt new regulations or policies that limit the ability of the scientific advisors to consult with the Company. It is possible that any inventions or processes discovered by the scientific advisors will remain the property of such persons or of such persons' employers. In addition, the institutions with which the scientific advisors are affiliated may make available the research services of their personnel, including the scientific advisors, to competitors of the Company pursuant to sponsored research agreements.

ITEM 10. EXECUTIVE COMPENSATION

The following summary compensation table sets forth the aggregate compensation paid or accrued by the Company to the Chief Executive Officer and to the four most highly compensated executive officers other than the Chief Executive Officer whose annual compensation exceeded \$100,000 for the fiscal year ended December 31, 1997 (collectively, the "Named Executive Officers") for services during the fiscal years ended December 31, 1997, December 31, 1996 and December 31, 1995:

SUMMARY COMPENSATION TABLE

<TABLE>

<CAPTION>

		LONG-TERM COMPENSATION					
		ANNUAL COMPENSATION			AWARDS		

		ALL OTHER		STOCK OPTIONS			
NAME AND PRINCIPAL POSITION	YEAR	SALARY	BONUS	COMPENSATION(1)			#

<S>	<C>	<C>	<C>	<C>	<C>		
Arthur P. Bollon.....	1997	\$ 180,856	--	\$ 6,000	95,000		
Chairman and Chief	1996	\$ 165,951	--	\$ 6,000	150,000		
Executive Officer	1995	\$ 140,019	--	\$ 6,000	--		
</TABLE>							

</TABLE>

(1) Consisting of car allowances.

EMPLOYMENT CONTRACTS AND TERMINATION OF EMPLOYMENT AND CHANGE-IN-CONTROL ARRANGEMENTS

Arthur P. Bollon, Ph.D. is employed under an extension effective November 7, 1995 to his 1992 employment agreement with the Company, which agreement has been extended until November 6, 2000. As extended, the agreement provides for the payment to Dr. Bollon of a base salary of \$165,000 per year with annual increases of not less than 5% per year. In addition, in the event Dr. Bollon is terminated without just cause or due to a Disability (as defined in the employment agreement), the employment agreement provides that Dr. Bollon shall receive severance payments of equal monthly installments at the base rate until the earlier of the expiration of the term or the expiration of 36 months. Dr. Bollon also receives a car expense allowance of \$500 per month under the employment agreement. In November 1992, the Company granted Dr. Bollon options to purchase 200,000 shares of Common Stock, at an exercise price of \$1.65 per share. In April 1996 the Company granted Dr. Bollon options to purchase 50,000 shares of Common Stock at an exercise price of \$4.125 per share. In December 1996, the Company granted Dr. Bollon options to purchase 100,000 shares of Common Stock at an exercise price of \$2.25 per share and in January 1997 the Company granted Dr. Bollon options to acquire 50,000 shares of common Stock at an exercise price of \$2.375 per share. In June 1997 the Company granted Dr. Bollon options to acquire 20,000 shares of Common Stock, at an exercise price of \$2.6875 per share and in September 1997 the Company granted Dr. Bollon options

to acquire 25,000 shares of Common Stock, at an exercise price of \$4.3125 per share. All such options are exercisable to the extent of 40% after six months of continuous employment from the grant date and to the extent of an additional 20% on and after each of the first three anniversaries of the grant date. In March 1995, the Company's Board of Directors approved an amendment to Dr. Bollon's employment agreement, effective November 7, 1995, to extend the term until November 6, 2000 and to increase his base salary to \$165,000 per annum. See "--Stock Options."

Each of the Company's executive officers and the Company's principal scientists have entered into confidentiality and patent assignment agreements with the Company.

STOCK OPTIONS

In October 1992, the Board of Directors of the Company adopted the Cytoclonal Pharmaceuticals Inc. 1992 Stock Option Plan (the "1992 Plan"). Under the 1992 Plan, as amended, 520,000 shares of Common Stock were reserved for issuance to officers, employees, consultants and advisors of the Company. As of December 31, 1997, 3,000 shares are available for future grant and options to acquire 367,500 shares remain outstanding under the 1992 Plan. The exercise prices of such options range from \$1.65 to \$5.00 per share. The 1992 Plan provides for the grant of incentive stock options intended to qualify as such under Section 422 of the Internal Revenue Code of 1986, as amended, and nonstatutory stock options which do not so qualify. In April 1996, the Board of Directors of the Company adopted the Cytoclonal Pharmaceuticals Inc. 1996 Stock Option Plan (the "1996 Plan"). Under the 1996 Plan, as amended, 750,000 shares of Common Stock were reserved for issuance to officers, employees, consultants and advisors of the Company. As of December 31, 1997, 85,000 shares are available for future grant and options to acquire 665,000 shares remain outstanding under the 1996 Plan. The exercise prices of such options range from \$2.25 to \$4.375 per share. The 1996 Plan provides for the grant of incentive stock options intended to qualify as such under Section 422 of the Internal Revenue Code of 1986, as amended, and nonstatutory stock options which do not so qualify.

The 1992 Plan and the 1996 Plan are administered by the Board of Directors. Subject to the limitations set forth in the 1992 Plan and the 1996 Plan, the Board has the authority to determine to whom options will be granted, the term during which options granted under the 1992 and the 1996 Plan may be exercised, the exercise price of options and the rate at which options may be exercised and may vest. The maximum term of each incentive stock option granted under the 1992 and the 1996 Plan is ten years. The exercise price of shares of Common Stock subject to options qualifying as incentive stock options may not be less than the fair market value of the Common Stock on the date of the grant. The exercise price of

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incentive options granted under the 1992 and the 1996 Plan to any participant who owns stock possessing more than 10% of the total combined voting power of all classes of outstanding stock of the Company must be at least equal to 110% of the fair market value on the date of grant. Any incentive stock options granted to such participants must also expire within five years from the date of grant. Under the 1992 Plan, the exercise price of both incentive stock options and nonstatutory stock options is payable in cash or, at the discretion of the Board, in Common Stock or a combination of cash and Common Stock. Under the 1996 Plan, the exercise price of options is payable in cash or such other means which the Board determines are consistent with such Plan and with applicable laws and regulations.

The following table sets forth certain information with respect to options granted during the year ended December 31, 1997 to the Named Executive Officer:

OPTION GRANTS IN LAST FISCAL YEAR

<TABLE>
<CAPTION>

INDIVIDUAL GRANTS				

% OF TOTAL		EXERCISE OF	PRICE	EXPIRATION
OPTIONS				
GRANTED TO		BASE	PRICE	EXPIRATION
OPTIONS				
EMPLOYEES IN	PRICE	EXPIRATION		

NAME	GRANTED(#)	FISCAL YEAR	(\$/SH)	DATE
<S>	<C>	<C>	<C>	<C>
Arthur P. Bollon.....	50,000	16.7	2.375	January 3, 2007
Ph.D.	20,000	6.7	2.6875	June 28, 2007
	25,000	8.3	4.3125	September 9, 2007

The following table sets forth certain information with respect to each exercise of stock options during the fiscal year ended December 31, 1997 by the Named Executive Officer and the number and value of unexercised options held by such Named Executive Officer as of December 31, 1997:

AGGREGATED OPTION EXERCISES IN LAST FISCAL YEAR AND FY-END OPTION VALUES

<TABLE>
<CAPTION>

NAME	SHARES ACQUIRED ON EXERCISE(#)	VALUE OF			
		NUMBER OF UNEXERCISED OPTIONS AT FY-END(#)	UNEXERCISED IN-THE-MONEY OPTIONS AT FY-END(#)		
			VALUE REALIZED(\$)	EXERCISABLE/ UNEXERCISABLE	EXERCISABLE/ UNEXERCISABLE(1)
<S>	<C>	<C>	<C>	<C>	<C>
Arthur P. Bollon, Ph.D.....	0	0	318,000/127,000	\$	1,528,500/\$489,313

(1) Based on the fair market value of the Company's Common Stock on December 31, 1997, as determined by the Company's Board of Directors.

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ITEM 11. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information regarding ownership of Common Stock for (i) each person known by the Company to own beneficially five percent or more of the outstanding shares of the Company's Common Stock, (ii) each director of the Company, (iii) each of the executive officers named under "Executive Compensation," and (iv) all officers and directors (including nominees) of the Company as a group as of March 24, 1998:

<TABLE>
<CAPTION>

COMMON STOCK			
NAME AND ADDRESS OF BENEFICIAL OWNER(1)	AMOUNT AND NATURE OF BENEFICIAL OWNERSHIP(2)		PERCENT OF CLASS(2)
<S>	<C>	<C>	
Janssen-Meyers Associates, L.P.....	1,609,500 (3)		18.1
Bruce Meyers.....	869,500 (4)	9.8	
Peter W. Janssen.....	740,000 (5)	8.3	
Kinder Investments, L.P.....	540,500 (6)	6.0	
Arthur P. Bollon, Ph.D.....	532,400 (7)	5.8	
Ira Gelb, M.D.....	60,000 (8)	*	
Irwin Gerson.....	61,200 (9)	*	
Walter Lovenberg, Ph.D.....	62,500(10)	*	
Directors and executive officers as a group (5 persons).....	749,100(11)	7.9	

* less than 1%

A person is deemed to be a beneficial owner of any securities of which that person has the right to acquire beneficial ownership of such securities within 60 days. Except as otherwise indicated, each of the persons named has sole voting and investment power with respect to the shares shown below.

- (1) Except as otherwise indicated, the address of each beneficial owner is c/o the Company, 9000 Harry Hines Boulevard, Dallas, Texas 75235.
- (2) Calculated on the basis of 8,872,182 shares of Common Stock outstanding except that shares of Common Stock underlying options or warrants exercisable within 60 days of the date hereof are deemed to be outstanding for purposes of calculating the beneficial ownership of securities of the holder of such options or warrants. This calculation excludes shares of Common Stock issuable upon the conversion of Series A Preferred Stock.
- (3) The address for Janssen-Meyers Associates, L.P. ("JMA") is 17 State Street, New York, New York 10004. Messrs. Meyers and Janssen are each 50% stockholders and the sole officers and directors of the corporate general partner of JMA. The aggregate number of shares of Common Stock and Series A Preferred Stock, respectively, owned by Messrs. Meyers and Janssen, are also set forth as though owned by JMA. Does not include a unit purchase option held by JMA which is not currently exercisable nor exercisable within 60 days of the date hereof for an aggregate of 196,638 shares of Common Stock.
- (4) Mr. Meyers' address is c/o Janssen-Meyers Associates, L.P., 17 State Street, New York, New York 10004. Consists of 849,500 shares of Common Stock, and 20,000 shares of Series A Preferred Stock (which are convertible into 20,000 shares of Common Stock). Does not include a unit purchase option for 119,463 shares of Common Stock which is not currently exercisable by him nor exercisable within 60 days of the date hereof nor a unit purchase option for 196,638 held by JMA which is also not currently exercisable nor exercisable within 60 days of the date hereof.
- (5) Mr. Janssen's address is c/o Janssen-Meyers Associates, L.P., 17 State Street, New York, New York 10004. Does not include a unit purchase option for 119,463 shares of Common Stock which is not currently exercisable by him nor exercisable within 60 days of the date hereof nor unit purchase

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option for 196,638 held by JMA which is also not currently exercisable nor exercisable within 60 days of the date hereof.

- (6) The address for Kinder Investments, L.P. is 1500 Hempstead Turnpike, East Meadow, New York 11554. Kinder Investments, L.P. is a Delaware limited partnership, the general partner of which is Peyser Associates, LLP, whose managing partner is Brian Wasserman. Consists of 500,500 shares of Common Stock and Class A Warrants to acquire 40,000 shares of Common Stock which are currently exercisable.
- (7) Consists of 2,000 shares owned by Mr. Bollon individually and 182,400 shares owned jointly by Mr. Bollon and his wife. In addition, includes options to purchase 348,000 shares of Common Stock which are currently exercisable or exercisable within 60 days of the date hereof. Does not include options to purchase 97,000 shares of Common Stock not exercisable within 60 days of the date hereof.
- (8) Consists of options to purchase 60,000 shares which are currently exercisable or exercisable within 60 days of the date hereof. Does not include options to purchase 40,000 shares of Common Stock not exercisable within 60 days of the date hereof.
- (9) Consists of options to purchase 61,200 shares which are currently exercisable or exercisable within 60 days of the date hereof. Does not include options to purchase 38,800 shares of Common Stock which are not exercisable within 60 days of the date hereof.
- (10) Consists of 2,500 shares of Common Stock and options to purchase 60,000 shares which are currently exercisable or exercisable within 60 days of the date hereof. Does not include options to purchase 40,000 shares of Common Stock which are not exercisable within 60 days of the date hereof.
- (11) Consists of 186,900 shares of Common Stock and options to purchase an aggregate of 562,200 shares of Common Stock which are currently exercisable or exercisable within 60 days of the date hereof. Does not include options to purchase 242,000 shares of Common Stock not exercisable within 60 days of the date hereof.

ITEM 12. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

The Company completed a bridge financing in April 1995 (the "Bridge Financing") and an initial public offering of its securities in December 1995 (the "IPO"). Janssen-Meyers Associates, L.P. ("JMA") acted as placement agent for the Bridge Financing and as underwriter of the IPO and in consideration thereof, received fees of \$203,750 and \$1,092,500, respectively, plus non-accountable expense allowances of \$61,125 and \$345,000, respectively. In addition, JMA was granted, in connection with its services as placement agent for the Bridge Financing, a (i) five-year right of first refusal to act as agent for offerings of securities by the Company and certain of its shareholders and (ii) the right to receive certain fees in connection with any merger and acquisition pursuant to an agreement with the Company. In connection with its services as underwriter of the IPO, JMA was granted options to purchase 159,285 units ("Units") at a price equal to \$8.25 per Unit, each Unit consisting of one share of Common Stock, one redeemable Class C Warrant and one redeemable Class D Warrant. Bruce Meyers is a principal of JMA and was Vice Chairman of the Board of Directors and Vice President in charge of Business Development for the Company until his resignation from the Company in April 1995. In December 1996 the Company and JMA executed a one year non-exclusive investment banking agreement with the Company which provides for a monthly fee of \$5,000 payable by the Company to JMA, this agreement has been extended through December 31, 1998.

ITEM 13. EXHIBITS, LIST AND REPORTS ON FORM 8-K

(a) Exhibits

<TABLE>

<S> <C>

3.1 Certificate of Incorporation, as amended(1)

</TABLE>

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<TABLE>

<S> <C>

3.2 By-laws(1)

4.1 Specimen certificates representing Class C Warrants, Class D Warrants and Common Stock(1)

4.2 Form of Warrant Agreement with warrant certificates between the Company, Janssen/Meyers Associates, L.P. and American Stock Transfer and Trust Company(1)

4.3 Form of Unit Purchase Option(1)

4.4 Warrant Certificate issued to the Washington State University Research Foundation previously filed as an exhibit to the Company's Registration Statement on Form SB-2 (File No. 333-13409) and is incorporated by reference herein.

10.1 Form of Consulting Agreement between the Company and Janssen-Meyers Associates, L.P.(1)

10.2 Employment Agreement dated March 1, 1992 between the Company and Arthur P. Bollon, Ph.D.(1)

10.3 Employment Agreement dated March 1, 1992 between the Company and Bruce Meyers, as amended(1)

10.4 Employment Agreement effective November 7, 1995 between the Company and Daniel Shusterman(1)

10.5 1992 Stock Option Plan, as amended(1)

10.6 Form of Stock Option Agreement(1)

10.7 Lease Agreement dated September 1, 1993 between the Company and Mutual Benefit Life Insurance Company In Rehabilitation(1)

10.8 Lease Agreement dated October 1, 1991 between the Company and J.K. and Susie Wadley Research Institute and Blood Bank, as amended(1)

10.9 Purchase Agreement dated October 10, 1991 between the Company and Wadley Technologies, Inc. ("Wadley")(1)

- 10.10 Security Agreement dated October 10, 1991 between the Company and Wadley(1)
- 10.11 License Agreement dated March 15, 1989 between the Company and Phillips Petroleum Company, as amended(1)
- 10.12 License Agreement dated June 10, 1993 between the Company and Research & Development Institute, Inc. ("RDI"), as amended, relating to the Fungal Paclitaxel Production System(1)
- 10.13 Research and Development Agreement effective June 10, 1993 between the Company and RDI, as amended(1)
- 10.14 License Agreement dated February 22, 1995 between the Company and RDI, as amended, relating to FTS-2(1)
- 10.15 Research, Development and License Agreement dated March 26, 1992 between the Company and Enzon, Inc. ("Enzon"), as amended(1)
- 10.16 Research, Development and License Agreement dated July 13, 1992 between the Company and Enzon relating to the Company's tumor necrosis factor technology(1)
- 10.17 Agreement effective June 30, 1992 between the Company and University of Texas at Dallas ("UTD"), as amended(1)
- 10.18 Research Agreement effective April 8, 1994 between the Company and Sloan-Kettering Institute for Cancer Research(1)
- 10.19 Joint Venture Agreement dated September 17, 1992 between the Company and Pestka Biomedical laboratories, Inc. ("Pestka")(1)
- 10.20 Stock Purchase Agreement dated September 17, 1992 between the Company and Pestka(1)
- 10.21 License Agreement dated September 17, 1992 between Cytomune, Inc. and Pestka(1)

</TABLE>

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<TABLE>

<S> <C>

- 10.22 Research and Development Agreement dated September 17, 1992 between Cytomune, Inc. and Pestka(1)
- 10.23 Marketing Agreement dated as of November 1, 1994 between Helm AG and the Company(1)
- 10.24 Extension Agreement with RDI dated June 5, 1995(1)
- 10.25 Third Amendment to Lease Agreement dated April 30, 1995(1)
- 10.26 Form of Subordinated Note Extension(1)
- 10.27 Form of Note Extension(1)
- 10.28 September 25, 1995 RDI Extension(1)
- 10.29 October 25, 1995 RDI Extension (1)
- 10.30 Amendment to License Agreement dated June 10, 1993, as amended, and Research and Development Agreement effective June 10, 1993, as amended, both agreements between the Company and RDI(2)
- 10.31 License Agreement No. W960206 effective February 27, 1996 between the Company and The Regents of the University of California(2)
- 10.32 License Agreement No. W960207 effective February 27, 1996 between the Company and The Regents of the University of California(2)
- 10.33 License Agreement with the Washington State University, dated July 2, 1996(3)*
- 10.34 Amendment to Agreement, effective June 30, 1992, as amended, between the Company and the University of Texas at Dallas(3)

- 10.35 1996 Stock Option Plan previously filed as Exhibit 4 to the Company's Form S-8 and is incorporated by reference herein.
- 10.36 Patent License Agreement between The University of Texas System and the Company previously filed as Exhibit 4.5 to the Company's Registration Statement on Form SB-2 (File No. 333-13409) and is incorporated by reference herein.
- 11 Statement re: Computation of per share earnings
- 21 List of Subsidiaries--None
- 23 Consent of Independent Auditors
- 27 Financial Data Schedule.
- </TABLE>

(b) Reports on Form 8-K.

No reports on Form 8-K were filed during the last quarter of the fiscal year ended December 31, 1997.

* This exhibit is subject to a confidential treatment request pursuant to Securities Exchange Act Rule 24b-2.

- (1) Filed as exhibits to the Company's Registration Statement on Form SB-2 (File No. 33-91802) and are incorporated by reference herein.
- (2) These exhibits were filed as exhibits to the Company's Annual Report on Form 10-KSB for the year ended December 31, 1995.
- (3) These exhibits were filed as exhibits to the Company's Post-Effective Amendment No. 1 to Form SB-2 (File No. 33-91802) and are incorporated by reference herein.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

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F-1
[LETTERHEAD]

INDEPENDENT AUDITORS' REPORT

Board of Directors and Stockholders
Cytoclonal Pharmaceuticals Inc.
Dallas, Texas

We have audited the accompanying balance sheet of Cytoclonal Pharmaceuticals Inc. (a development stage company) as of December 31, 1997, and the related statements of operations, changes in stockholders' equity (capital deficiency) and cash flows for each of the years in the two-year period ended December 31, 1997 and for the period September 11, 1991 (inception) through December 31, 1997. 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 generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. 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, the financial statements enumerated above present fairly, in all material respects, the financial position of Cytoclonal Pharmaceuticals Inc. at December 31, 1997, and results of its operations and its cash flows for each of the years in the two-year period ended December 31, 1997 and for the period September 11, 1991 (inception) through December 31, 1997 in conformity with generally accepted accounting principles.

/s/ RICHARD A. EISNER & COMPANY, LLP

Richard A. Eisner & Company, LLP

New York, New York
February 6, 1998

with respect to Note K[2]
April 13, 1998

F-2
CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

BALANCE SHEET

DECEMBER 31, 1997

ASSETS

<TABLE>

<S>

<C>

Current assets:

Cash and cash equivalents (Note B[6]).....	\$ 1,849,000	
Prepaid expenses and other current assets.....	35,000	

Total current assets.....	1,884,000	
Equipment, net (Notes B[1] and E).....	127,000	
Patent rights, less accumulated amortization of \$463,000 (Notes B[2] and C)....		787,000
Other assets.....	4,000	

	\$ 2,802,000	

LIABILITIES

Current liabilities:

Accounts payable and accrued expenses (Note F).....	\$ 460,000	
Current portion of royalties payable (Note C).....	94,000	

Total current liabilities.....	554,000	
Royalties payable (Note C).....	1,125,000	

	1,679,000	

Commitments and other matters (Notes C, D, J, and K)

STOCKHOLDERS' EQUITY (Note G):

Preferred stock--\$.01 par value, 10,000,000 shares authorized; 934,563 shares of Series A convertible preferred issued and outstanding (liquidation value \$2,336,000).....	9,000
Common stock--\$.01 par value, 30,000,000 shares authorized; 8,793,998 shares issued and outstanding.....	88,000
Additional paid-in capital.....	16,130,000
Deficit accumulated during the development stage.....	(15,104,000)

1,123,000

\$ 2,802,000

</TABLE>

See notes to financial statements

F-3
CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

STATEMENTS OF OPERATIONS

<TABLE>

<CAPTION>

SEPTEMBER 11, 1991 (INCEPTION)		
YEAR ENDED DECEMBER 31,	THROUGH	
1997	1996	1997
-----	-----	-----

<S>

<C> <C> <C>

Operating expenses:

Research and development.....	\$ 1,469,000	\$ 1,576,000	\$ 7,776,000
General and administrative.....	1,888,000	1,530,000	7,214,000
	-----	-----	-----
	3,357,000	3,106,000	14,990,000
	-----	-----	-----

Other (income) expenses:

Interest (income).....	(107,000)	(216,000)	(526,000)
Interest expense.....	2,000	561,000	
	-----	-----	-----
	(105,000)	(216,000)	35,000
	-----	-----	-----

Net loss..... \$ (3,252,000) \$ (2,890,000) \$ (15,025,000)

Basic and diluted loss per common share..... \$ (.42) \$ (.42)

Weighted average number of shares outstanding--basic and diluted
loss per share (Note B[5])..... 8,268,000 7,640,000

</TABLE>

See notes to financial statements

F-4
CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)
STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY (CAPITAL DEFICIENCY) (NOTE G)

<TABLE>

<CAPTION>

CONVERTIBLE		DEFICIT		TREASURY STOCK			
PREFERRED STOCK	COMMON STOCK	ACCUMULATED	PAID-IN DEVELOPMENT	COMMON	DURING	SHARES	AMOUNT
-----	-----	-----	-----	-----	-----	-----	-----
SHARES	AMOUNT	SHARES	AMOUNT	STAGE	STAGE	SHARES	AMOUNT
-----	-----	-----	-----	-----	-----	-----	-----
						TOTAL	

<S>	<C>	<C>	<C>	<C>	<C>	<C>	<C>	<C>	<C>
Common stock issued, no par...			3,200,000		\$	1,000		\$	1,000
Value assigned to 300,000 warrants (\$0.01 per warrant), issued in conjunction with a bridge loan.....			3,000				3,000		
Exchange of shares of no par shares for \$.01 par value shares.....			\$32,000	47,000	\$	(79,000)		0	
Net loss for the period September 11, 1991 (inception) through December 31, 1991.....						(218,000)		(218,000)	
Balance--December 31, 1991....			3,200,000	32,000		51,000	(297,000)		(214,000)
Stock issued in connection with private placement of 100 units (\$50,000 per unit) less expenses of \$649,000...	1,000,000	\$10,000	2,000,000	20,000		4,321,000			4,351,000
Common stock issued, \$1.65 per share (Note D[2]).....		20,000		33,000			33,000		
Net loss for the year.....				(1,317,000)			(1,317,000)		
Balance--December 31, 1992....	1,000,000	10,000	5,220,000	52,000		4,405,000	(1,614,000)		2,853,000
Value assigned to 20,000 options (\$0.65 per option) issued and charged to reasearch and development (Note D[1]).....			13,000				13,000		
Preferred dividend (cash and stock).....	48,611	1,000		(123,000)			(122,000)		
Net loss for the year.....				(2,392,000)			(2,392,000)		
Balance--December 31, 1993....	1,048,611	11,000	5,220,000	52,000		4,295,000	(4,006,000)		352,000
Value assigned to warrants issued in private placement of debt securities (\$0.17 and \$0.1 per warrant) (Note G[4]).....			187,000				187,000		
Preferred dividend (stock)....	104,869	1,000		(1,000)			0		
Net loss for the year.....				(2,265,000)			(2,265,000)		
Balance--December 31, 1994....	1,153,480	12,000	5,220,000	52,000		4,481,000	(6,271,000)		(1,726,000)
Value assigned to warrants issued in private placement of debt securities (\$0.18 per warrant) (note G[4])....			82,000				82,000		
Preferred dividend (stock)....	115,307	1,000		(1,000)			0		
Simultaneous exercise of options (\$1.825 per share) and purchase of treasury stock (\$4.00 per share)....		80,000	1,000	145,000		(36,500)	\$(146,000)		0
Retirement of treasury stock.....		(36,500)	(146,000)			36,500	146,000		0
Issuance of common stock in initial public offering (net of costs of \$2,135,000) (\$5.00 per unit).....		2,300,000	23,000	9,342,000			9,365,000		
Net loss for the year.....				(2,691,000)			(2,691,000)		
Balance--December 31, 1995....	1,268,787	13,000	7,563,500	76,000		13,903,000	(8,962,000)	0	0 5,030,000
Preferred dividend (stock)....	126,888	1,000		(1,000)			0		
Preferred stock converted to common stock.....	(167,046)	(2,000)	167,046	2,000			0		
Value assigned to 20,000 (\$2.29) and 100,000 (\$0.84) options issued for professional services.....			130,000				130,000		
Value assigned to 36,000 warrants (\$1.17) issued and charged to research and development.....			42,000				42,000		

Net loss for the year.....				(2,890,000)		(2,890,000)			
Balance--December 31, 1996....	1,228,629	12,000	7,730,546	78,000	14,074,000	(11,852,000)	0	0	2,312,000
Preferred dividend (stock)....	122,788	1,000		(1,000)			0		
Preferred stock converted to common.....	(466,854)	(5,000)	466,854	5,000			0		
Exercise of unit purchase option.....	50,000	1,000	250,000	2,000	497,000		500,000		
Exercise of warrants.....			277,098	2,000	1,309,000		1,311,000		
Exercise of options.....			69,500	1,000	118,000		119,000		
Value assigned to 10,000 (\$1.45) and 40,000 (\$2.88) options issued for professional services.....				133,000		133,000			
Net loss for the year.....				(3,252,000)		(3,252,000)			
Balance--December 31, 1997....	934,563	\$9,000	8,793,998	\$88,000	\$16,130,000	\$(15,104,000)	0	\$ 0	\$ 1,123,000

</TABLE>

See notes to financial statements

F-5
CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

STATEMENTS OF CASH FLOWS

<TABLE>

<CAPTION>

	SEPTEMBER 11, 1991 (INCEPTION)			
	YEAR ENDED DECEMBER 31,		THROUGH DECEMBER 31,	
	1997	1996	1997	
<S>	<C>	<C>	<C>	
Cash flows from operating activities:				
Net loss.....	\$ (3,252,000)	\$ (2,890,000)	\$ (15,025,000)	
Adjustments to reconcile net loss to net cash used in operating activities:.....				
Depreciation and amortization.....	116,000	115,000	685,000	
Amortization of debt discount.....			269,000	
Amortization of debt costs.....			554,000	
Value assigned to warrants and options.....	133,000	172,000	321,000	
Equity in loss of joint venture.....	16,000	23,000	232,000	
Changes in:				
Other assets.....	(3,000)	(43,000)		
Accounts payable and accrued expenses.....	123,000	74,000	432,000	
Net cash used in operating activities.....	(2,864,000)	(2,509,000)	(12,575,000)	
Cash flows from investing activities:				
Purchase of equipment.....	(44,000)	(75,000)	(240,000)	
Investment in joint venture.....			(233,000)	
Net cash used in investing activities.....	(44,000)	(75,000)	(473,000)	
Cash flows from financing activities:				
Net proceeds from sales of preferred and common stock.....			13,750,000	
Proceeds from bridge loans, net of expenses.....			2,684,000	
Repayment of bridge loans.....			(3,238,000)	
Principal payments of equipment notes.....			(76,000)	
Dividends paid.....			(122,000)	
Payment of royalties.....	(31,000)	(31,000)		
Proceeds from exercise of options and warrants.....	1,430,000		1,430,000	
Proceeds from exercise of unit purchase option.....	500,000		500,000	
Net cash provided by financing activities.....	1,899,000		14,897,000	
Net increase (decrease) in cash and cash equivalents.....	(1,009,000)	(2,584,000)	1,849,000	

Cash and cash equivalents at beginning of period.....	2,858,000	5,442,000		
	-----	-----		
Cash and cash equivalents at end of period.....	\$ 1,849,000	\$ 2,858,000	\$ 1,849,000	
	-----	-----		
	-----	-----		
Supplemental disclosures of cash flow information:				
Cash paid for interest.....	\$ 2,000			
Noncash investing activities:				
Equipment acquired included in accounts payable and accrued expenses.....	\$ 28,000	\$ 10,000		

</TABLE>

See notes to financial statements

F-6
CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS

DECEMBER 31, 1997

NOTE A--THE COMPANY

Cytoclonal Pharmaceuticals Inc. (the "Company") was incorporated on November 18, 1991. In December 1991, a Texas corporation, Cytoclonal Pharmaceuticals Inc. (formerly Bio Pharmaceuticals, Inc.) was merged into the Company. The accompanying financial statements include the operations of the Texas corporation from its inception on September 11, 1991. The Company is in the development stage and its efforts are devoted to the research and development of various therapeutic and diagnostic pharmaceutical products for the prevention of cancer, viral and immune diseases.

NOTE B--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

[1] EQUIPMENT:

Equipment is stated at cost. Depreciation is provided using the straight-line method over the estimated useful lives of the assets which range from five to seven years. Leasehold improvements are amortized over the lesser of the economic useful life of the improvement or term of the lease whichever is shorter.

[2] PATENT RIGHTS AND COSTS:

Purchased patents which were acquired in October 1991 are stated at cost and are being amortized on the straight-line method over 17 years, the life of the patents, and charged to research and development expense. Approximately 90% of these costs were allocated to issued patents.

[3] RESEARCH AND DEVELOPMENT:

Research and development costs are charged to expense as incurred.

[4] CONCENTRATION OF CREDIT RISK:

Financial instruments which potentially subject the Company to concentration of credit risk consist principally of cash and cash equivalents which are at one financial institution.

[5] LOSS PER COMMON SHARE:

In 1997, the Financial Accounting Standards Board issued Statement No. 128 "Earnings Per Share". Statement No. 128 replaced the calculation of primary and fully diluted earnings per share with basic and diluted earnings per share. Unlike primary earnings per share, basic earnings per share excludes any dilutive effects of options, warrants and convertible securities. Dilutive earnings per share is very similar to the previously reported fully diluted earnings per share. In accordance with Statement No. 128, which was adopted by the Company in 1997 and retroactively applied to 1996, basic and diluted net loss per common share is based on the net loss increased by dividends on preferred stock (\$234,000 in 1997 and \$307,000 in 1996) divided by the weighted average number of common shares outstanding during the years. No effect has been

given to outstanding options, warrants or convertible preferred stock in the diluted computation as their effect would be antidilutive.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE B--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

[6] CASH EQUIVALENTS:

The Company considers all highly liquid short-term investments purchased with a maturity of three months or less to be cash equivalents.

[7] STOCK-BASED COMPENSATION:

In October 1995, the FASB issued SFAS No. 123, "Accounting for Stock-Based Compensation." SFAS No. 123 encourages, but does not require, companies to record compensation cost for stock-based employee compensation plans at fair value. The Company has elected to continue to account for its stock-based compensation plans using the intrinsic value method prescribed by Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB No. 25"). Under the provisions of APB No. 25, compensation cost for stock options is measured as the excess, if any, of the quoted market price of the Company's common stock at the date of the grant over the amount an employee must pay to acquire the stock.

[8] FAIR VALUE OF FINANCIAL INSTRUMENTS:

The carrying value of cash, accounts payable and accrued expenses approximates their fair value due to the short period to maturity of these instruments.

[9] USE OF ESTIMATES:

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 and 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.

NOTE C--AGREEMENT WITH WADLEY TECHNOLOGIES, INC. ("WADTECH")

On October 10, 1991 the Company entered into an agreement to acquire certain patent rights, technology and know-how (the "Technology") from Wadtech for the fixed sum of \$1,250,000 and ongoing royalties.

The agreement provides for the payment of royalties of up to 6.25% of gross selling price of products incorporating the Technology and up to 50% of all compensation received by the Company for sales by sublicensees of any products covered by the Technology, which will be applied to reducing the fixed sum of \$1,250,000, until the fixed sum is paid. Thereafter the agreement provides for the payment of royalties of up to 3.75% of gross selling price of products incorporating the Technology and up to 50% of all compensation received by the Company for sales by sublicensees of any products covered by the Technology. The agreement also provides for minimum royalty payments of \$31,250, \$62,500 and \$125,000 during each twelve-month period beginning October 1, 1996, 1997 and 1998, respectively. Thereafter, during each twelve-month period beginning October 1, 1999 the agreement provides for minimum royalty payments of \$125,000. As of December 31, 1997 the Company has made payments of \$31,250.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE C--AGREEMENT WITH WADLEY TECHNOLOGIES, INC. ("WADTECH") (CONTINUED)

The Company granted Wadtech a security interest in the Technology until the fixed sum is paid. The agreement continues for 99 years from October 10, 1991 and the Company has the option to terminate the agreement without cause on three months notice to Wadtech.

NOTE D--COLLABORATION AGREEMENTS

[1] AGREEMENTS WITH RESEARCH AND DEVELOPMENT INSTITUTE, INC. ("RDI"):

During June 1993 the Company entered into a research and license agreement with RDI of Montana State University pursuant to which the Company finances and RDI conducts research and development at Montana State University in the field of taxol producing organisms. In connection with the agreement, RDI has granted the Company an exclusive license and licensing rights to its patents and know-how throughout the world to develop and market products relating to the technology for a payment of \$150,000.

The Company has agreed to finance research to be conducted under the agreement and is obligated to pay RDI an aggregate fixed fee of \$250,000 per annum for four years commencing in 1993. In addition, the Company has agreed to pay RDI royalties of up to 6% of net sales of products derived under the agreement with minimum royalty payments as follows: \$25,000 in June 1994, \$50,000 in June 1995, \$75,000 in June 1996 and \$100,000 in June 1997 and thereafter. The Company has the option to extend the research under mutually agreeable terms. In connection with the agreement, in 1993, the Company issued an option to RDI to purchase 20,000 shares of the Company's common stock at \$2.50 per share. The Company valued these options at approximately \$13,000 which was charged to research and development.

[2] AGREEMENTS WITH PESTKA BIOMEDICAL LABORATORIES, INC. ("PESTKA"):

In September 1992 the Company formed a corporate joint venture with Pestka for the purpose of developing, manufacturing and marketing a therapeutic drug for blood related cancers such as leukemia and lymphomas. The agreement provides for the Company to contribute \$233,000, which was paid during 1992, and certain technology and for Pestka to grant the joint venture an exclusive, worldwide license to certain patents and proprietary rights. The stockholders of Pestka purchased 20,000 shares of the Company's common stock for a price of \$1.65 per share. The investment in the joint venture is accounted for on the equity method. As of December 31, 1997, the Company's share of cumulative losses from the venture loss equal to its investment and accordingly, the investment has no carrying amount in the accompanying balance sheet. The equity in loss of joint venture, included in research and development costs, was approximately \$16,000 for the year ended December 31, 1997 and \$23,000 for the year ended December 31, 1996. The corporate stockholders have no further obligations to fund the joint venture.

Under a related agreement, Pestka agreed to perform certain research and development, as defined, for the joint venture, for \$233,000.

[3] AGREEMENTS WITH ENZON, INC. ("ENZON"):

In March and July 1992, the Company entered into agreements with Enzon to jointly fund, research, develop, test and market anti-cancer drugs. Terms of the agreements provide for the Company (i) to

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE D--COLLABORATION AGREEMENTS (CONTINUED)

undertake research and development using certain technology owned and developed by Enzon; and (ii) to grant Enzon an exclusive, worldwide license to certain technology owned and royalties and/or allocation of profits and losses from the sale of the products. The agreements terminate on a product-by-product basis 15 years from the first approval to market each such product. In 1992 Enzon paid the Company \$50,000; such payment was recorded as a reduction of research and development costs.

NOTE E--EQUIPMENT

Equipment at December 31, 1997 is summarized as follows:

<TABLE>

<S>		<C>	
Office equipment.....		\$	36,000
Furniture and fixtures.....			16,000
Computers and laboratory equipment.....			286,000
Leasehold improvements.....			8,000

Total.....			346,000
Less accumulated depreciation and amortization.....			219,000

Net.....		\$	127,000

</TABLE>

NOTE F--ACCOUNTS PAYABLE AND ACCRUED EXPENSES

Accounts payable and accrued expenses at December 31, 1997 consists of the following:

<TABLE>

<S>		<C>	
Professional fees.....		\$	73,000
Equipment.....			28,000
Payroll and related expenses.....			171,000
Licensors and contractors.....			150,000
Occupancy costs.....			12,000
Other.....			26,000

			\$ 460,000

</TABLE>

NOTE G--STOCKHOLDERS' EQUITY

[1] PUBLIC OFFERING:

In November 1995, the Company effected an initial public offering of its securities. A total of 2,300,000 units, each comprised of one share of common stock, one redeemable Class C warrant and one redeemable Class D warrant were sold for \$5.00 a unit, yielding net proceeds of approximately \$9,365,000 after underwriting commissions and other expenses of the offering.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE G--STOCKHOLDERS' EQUITY (CONTINUED)

[2] STOCK SPLIT:

In August 1995 the Company effected a reverse stock split of one share of common stock for 2.5 shares of common stock held and an identical reverse split for the preferred stock. The accompanying financial statements have been adjusted to give retroactive effect to the reverse stock split.

[3] PREFERRED STOCK:

On January 6, 1992 the Board of Directors designated 4,000,000 shares of preferred stock as Series A convertible preferred stock. The holders of Series A preferred stock are entitled to (i) convert on a one-for-one basis to common stock subject to adjustment, as defined, (ii) voting rights equivalent to voting rights of common stockholders, (iii) receive dividends equal to \$.25 per share

payable on or about January 15 each year in cash or newly-issued shares of Series A preferred or a combination thereof (iv) liquidation preferences of \$2.50 per preferred share and (v) certain demand and piggyback registration rights with respect to the common shares issuable upon conversion.

The Company, at its option has the right to redeem all or any portion of the Series A convertible preferred stock at \$2.50 per share plus accrued and unpaid dividends.

[4] WARRANTS:

At December 31, 1997 shares of common stock were reserved for issuance upon exercise of warrants as follows:

<TABLE>

<CAPTION>

WARRANT TYPE	EXERCISE PRICE	EXPIRATION DATE	NUMBER OF SHARES RESERVED
-----------------	-------------------	-----------------	------------------------------

<S>	<C>	<C>	<C>
Class A	\$ 3.75	November 2000	155,000
Class B	\$ 4.375	November 2000	251,044
Class C	\$ 6.50	November 2000	2,224,358
Class D	\$ 8.75	November 2000	4,675,642

</TABLE>

The Class A and Class B warrants were issued in connection with two bridge financings completed in August 1994, and April 1995 where the Company issued an aggregate of \$3,037,500 in notes bearing interest at 9% per annum (effective rate 18% to 24%) which were repaid in 1995 from the net proceeds of the initial public offering.

Effective November 1996, the Class C and Class D warrants are subject to redemption at \$.05 per warrant on 30 days prior written notice provided the average of the closing bid prices of the common stock for any period of 30 consecutive business days ending within 15 business days of the date on which the notice of redemption is given shall have exceeded \$9.10 per share for redemption of the Class C warrants and \$12.25 per share for redemption of the Class D warrants.

Each Class C warrant entitles the holder to purchase a unit consisting of one share of common stock and one redeemable Class D detachable warrant. Each Class D warrant entitles the holder to purchase one share of common stock.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE G--STOCKHOLDERS' EQUITY (CONTINUED)

[5] STOCK OPTIONS:

During 1992 the Board of Directors and the stockholders of the Company approved a Stock Option Plan (the "1992 Plan") which provides for the granting of options to purchase up to 520,000 shares of common stock, pursuant to which officers, directors, key employees and the Company's Scientific Advisory Board are eligible to receive incentive and/or nonstatutory stock options.

During 1996 the Board of Directors and the stockholders of the Company approved the 1996 Stock Option Plan (the "1996 Plan") which provides for the granting of incentive and nonstatutory options for up to 750,000 shares of common stock to officers, employees, directors and consultants of the Company.

Options granted under the 1992 plan and the 1996 plan are exercisable for a period of up to 10 years from date of grant at an exercise price which is not less than the fair value on date of grant, except that the exercise period of options granted to a stockholder owning more than 10% of the outstanding capital stock may not exceed five years and their exercise price may not be less than 110% of the fair value of the common stock at date of grant. Options generally vest 40% after six months of employment and thereafter 20% annually on

anniversary date of grant.

Stock option activity under the 1992 plan and the 1996 plan is summarized as follows:

<TABLE>
<CAPTION>

	YEAR ENDED DECEMBER 31,			
	1997		1996	
	WEIGHTED AVERAGE EXERCISE SHARES PRICE		WEIGHTED AVERAGE EXERCISE SHARES PRICE	
<S>	<C>	<C>	<C>	<C>
Options outstanding at beginning of year.....	753,500	\$ 2.67	440,000	\$ 2.01
Granted.....	350,000	\$ 3.57	335,000	\$ 3.47
Exercised.....	(69,500)	\$ 1.71		
Cancelled.....	(1,500)	\$ 3.94	(21,500)	\$ 1.81
Options outstanding at end of year.....	1,032,500	\$ 3.04	753,500	\$ 2.67
Options exercisable at end of year.....	604,700	\$ 2.57	475,500	\$ 2.28

</TABLE>

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE G--STOCKHOLDERS' EQUITY (CONTINUED)

The following table presents information relating to stock options outstanding at December 31, 1997.

<TABLE>
<CAPTION>

RANGE OF EXERCISE PRICE	OPTIONS OUTSTANDING			OPTIONS EXERCISABLE		
	WEIGHTED AVERAGE EXERCISE SHARES	WEIGHTED AVERAGE REMAINING LIFE IN YEARS	WEIGHTED AVERAGE EXERCISE SHARES	WEIGHTED AVERAGE EXERCISE PRICE		
<S>	<C>	<C>	<C>	<C>	<C>	
\$1.65 - \$2.6875.....	548,500	\$ 2.04	6.92	418,500	\$ 1.90	
\$3.25 - \$4.125.....	257,000	\$ 3.98	8.21	160,600	\$ 3.98	
\$4.3125-\$5.00.....	227,000	\$ 4.38	9.19	25,600	\$ 4.79	
Total.....	1,032,500	\$ 3.04	7.74	604,700	\$ 2.57	

</TABLE>

As of December 31, 1997, 3,000 options are available for future grant under the 1992 Plan and 85,000 options are available under the 1996 Plan.

The weighted-average fair value at date of grant for options granted during 1997 and 1996 was \$2.34 and \$2.16 per option, respectively. The fair value of options at date of grant was estimated using the Black-Scholes option pricing model utilizing the following assumptions:

<TABLE>
<CAPTION>

1997 1996

<S>	<C>	<C>	
Risk-free interest rates.....	6.38% to 6.55%	6.3% to 6.8%	
Expected option life in years.....	10	10	
Expected stock price volatility.....	44%-51%	33%-53%	
Expected dividend yield.....	0%	0%	

</TABLE>

Had the Company elected to recognize compensation cost based on the fair value of the options at the date of grant as prescribed by SFAS No. 123, net loss in 1997 and 1996 would have been approximately \$(3,593,000) and (3,185,000) or \$(.46) and \$(.46) per share, respectively.

[6] OTHER OPTIONS AND WARRANTS:

In connection with its private offerings to sell preferred and common stock, during the year ended December 31, 1992, the placement agent has an option to purchase 10 units; each unit consists of 10,000 shares of preferred stock and 20,000 shares of common stock. The option was exercised on February 21, 1997 at a price of \$50,000 per unit and the Company received aggregate proceeds of \$500,000 and issued 50,000 preferred shares and 250,000 common.

In connection with its bridge financings, the placement agent received options to purchase 506,250 warrants at \$.10 per warrant. These warrants are exercisable into an aggregate of 202,500 shares of common stock through November 2000 at a price of \$3.75 per share.

In connection with its initial public offering the Company sold to the underwriter, at a nominal amount, a unit purchase option to purchase up to an aggregate of 200,000 additional units at \$8.25. The

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE G--STOCKHOLDERS' EQUITY (CONTINUED)

units purchasable upon exercise of the unit purchase option are identical to the units offered in the initial public offering except that the warrants included therein are not subject to redemption by the Company. These units become exercisable November 1998 for a two year period.

In February and August 1996, the Company granted options to purchase 100,000 and 20,000 shares of common stock at \$4.25 and \$3.25 per share, respectively, as compensation for professional services. The Company determined the fair value of these options to be approximately \$130,000 which was charged to operations.

In July 1996 the Company granted a licensor (Note J[4]) warrants to purchase 36,000 shares of common stock at \$4.25 per share. An aggregate of 12,000 warrants per annum are exercisable commencing July 1999 and expire July 2002. The Company determined the fair value of these warrants to be approximately \$42,000 which was charged to research and development.

In February and September 1997 the Company granted options to purchase 10,000 and 40,000 shares of common stock at \$4.38 and \$4.31 per share, respectively, as compensation for professional services. The Company determined the fair value of these options to be approximately \$133,000 which was charged to operations.

NOTE H--RELATED PARTY TRANSACTION

In connection with certain of the private placements during 1995, Janssen-Meyers Associates, L.P. ("JMA"), an affiliate of a former officer, acted as placement agent and received \$118,000, as compensation.

Effective December 1996, the Company entered into a one-year agreement with JMA, a stockholder of the Company, whereby the Company will receive financial and investment banking services for a consulting fee of \$5,000 per month plus commissions, as defined. During 1997, the Company paid \$60,000 under this agreement.

NOTE I--INCOME TAXES

At December 31, 1997 the Company had approximately \$14,200,000 of net operating loss carryforwards for federal income tax purposes which expire through 2012.

At December 31, 1997 the Company has a deferred tax asset of approximately \$4,900,000 representing the benefits of its net operating loss carryforward and certain expenses not currently deductible. The Company's deferred tax asset has been fully reserved by a valuation allowance since realization of its benefit is uncertain. The difference between the statutory tax rate of 34% and the Company's effective tax rate of 0% is substantially due to the increase in the valuation allowance of \$1,000,000 (1997) and \$1,000,000 (1996). The Company's ability to utilize its net operating loss carryforwards may be subject to an annual limitation in future periods pursuant to Section 382 of the Internal Revenue Code of 1986, as amended.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE J--COMMITMENTS AND OTHER MATTERS

[1] LEASES:

The Company is obligated to pay \$113,000 for office and laboratory space under leases expiring through December 31, 1998.

Rent expense was approximately \$140,000 and \$123,000 for the years ended December 31, 1997 and 1996, respectively.

[2] EMPLOYMENT AGREEMENTS:

The Company has employment agreements with two officers which provide for annual base salaries of \$165,000 and \$75,000 (subject to annual increases of not less than 5% per year and bonuses at the discretion of the Board of Directors), for a period of five years and three years, respectively, commencing November 1995.

[3] CONTRACT RESEARCH:

The Company had contracted with an institution to conduct research through May 31, 1996 at a cost of approximately \$150,000. In April 1996 this agreement was extended to May 31, 1998 providing for additional funding of \$90,000 (aggregate \$240,000). As of December 31, 1997 the Company has incurred approximately \$202,000 of such costs.

[4] CONSULTING AGREEMENTS:

During 1996 the Company entered into an agreement with a consulting firm whereby the Company has agreed to pay a fee of \$3,000 per month and to grant warrants to purchase 75,000 shares of common stock at \$4.25 per share in return for financial advisory services. The warrants become exercisable in the event a transaction introduced to the Company by the consulting firm is consummated, at which time the Company will record a noncash charge representing the fair value of the warrants.

During 1997 the Company entered into an agreement with a consulting firm whereby the Company has agreed to pay a fee of \$25,000 in return for certain investor relation services. In the event the C warrants are exercised the Company has agreed to pay an additional fee of \$17,000, a monthly service fee of \$7,000 for twelve months and to grant options to purchase 100,000 shares of common stock at \$9.00 per share at which time the Company will record a noncash charge representing the fair value of options. In the event the D warrants are exercised the Company has agreed to pay an additional \$3,000 per month for twelve months and to grant options to purchase 100,000 shares of common stock at \$9.00 per share at which time the Company will record a noncash charge representing the fair value of options.

In March 1997 the Company entered into an agreement with a scientific advisor whereby the Company has agreed to pay a fee of \$1,000 per month until terminated by either party in return for consulting services.

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CYTOCLONAL PHARMACEUTICS INC.
(A DEVELOPMENT STAGE COMPANY)

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

DECEMBER 31, 1997

NOTE J--COMMITMENTS AND OTHER MATTERS (CONTINUED)
[5] OTHER:

In February 1996, the Company entered into two license agreements ("Agreements") with the Regents of the University of California, granting to the Company exclusive rights to certain technology and patent rights. Pursuant to the Agreements, the Company paid license fees of \$10,000 and has agreed to pay \$10,000 upon issuance of each patent. In addition, the Company must pay a yearly license maintenance fee on both licenses until the Company is commercially selling a product based on the technology derived from these License Agreements, at which time a royalty based on net sales will be due.

In July 1996, the Company entered into an agreement with Washington State University Research Foundation ("WSURF") whereby the Company received an exclusive, world-wide license to use and/or sublicense patented technology or prospective patented technology (the "WSURF Technology"). The Company is required to pay WSURF license fees of \$7,500 per year commencing on July 1, 1997 as well as certain royalties and sublicensing fees. This Agreement shall be in full force and effect until the last to expire of the patents licensed under the WSURF Technology, subject to termination by either party as defined. In conjunction with this agreement the Company granted WSURF 36,000 warrants (Note G[6]).

NOTE K--SUBSEQUENT EVENTS

[1] PREFERRED STOCK DIVIDEND:

During January 1998, the Board of Directors declared a 10% dividend on Series A preferred stock.

[2] PRIVATE PLACEMENT:

During the period from April 2 through April 13, 1998, the Company received net proceeds of \$4,539,048 from the sale of Units consisting of 631,796 shares of common stock and Class E warrants to purchase 315,917 shares of common stock at exercise prices per share from \$9.82 to \$10.39, subject to adjustment upon the occurrence of certain events.

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SIGNATURES

In accordance with Section 13 or 15(d) of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

<TABLE>
<S>

<C> <C>
CYTOCLONAL PHARMACEUTICS INC.

By: /s/ ARTHUR P. BOLLON, PH.D.

Arthur P. Bollon, Ph.D.,

Dated: March 30, 1998 PRESIDENT
</TABLE>

In accordance with the Exchange Act, this report has been signed below by the following on behalf of the registrant and in capacities and on the dates indicated.

SIGNATURE	CAPACITY	DATE
-----	-----	-----

Chairman, President, Chief
/s/ ARTHUR P. BOLLON, PH.D. Executive Officer and
----- Director (principal March 30, 1998
Arthur P. Bollon, Ph.D. executive officer)

/s/ IRA GELB, M.D.
----- Director March 30, 1998
Ira Gelb, M.D.

/s/ IRWIN C. GERSON
----- Director March 30, 1998
Irwin C. Gerson

/s/ WALTER M. LOVENBERG,
PH.D.
----- Director March 30, 1998
Walter M. Lovenberg, Ph.D.

Vice President Operations,
/s/ DANIEL SHUSTERMAN, J.D. Treasurer and Chief
----- Financial Officer March 30, 1998
Daniel Shusterman, J.D. (principal financial and
accounting officer)

EXHIBIT 11

CYTOCLONAL PHARMACEUTICS INC.
COMPUTATION OF NET (LOSS) PER COMMON SHARE

<TABLE>

	Year Ended December 31,	
	1996	1997
<S>	<C>	<C>
Net (loss)	(\$2,890,000)	(\$3,252,000)
Add cumulative preferred dividend	(307,000)	(234,000)
NET (LOSS) USED FOR COMPUTATION	(\$3,197,000)	(\$3,486,000)
Weighted average number of common shares outstanding	7,640,000	8,268,000
Net (loss) per common share	(\$0.42)	(\$0.42)

</TABLE>

CONSENT OF INDEPENDENT AUDITORS

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (No. 333-37049), Form S-8 (No. 333-11691) and Form S-3 (No. 333-25323) of Cytoclonal Pharmaceuticals Inc. of our report dated February 6, 1998, except for Note K[2] as to which the date is April 13, 1998, which is included in the annual report on Form 10-KSB for the year ended December 31, 1997.

/s/ Richard A. Eisner & Company, LLP

New York, New York
April 14, 1998

<TABLE> <S> <C>

<ARTICLE> 5

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</TABLE>