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

FORM 10-Q

Mark One

- Quarterly Report Pursuant to Section 13 or 15 (d) of the Securities Exchange Act of 1934**
For the quarterly period ended March 31, 2006 or
- 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: 0-20720

LIGAND PHARMACEUTICALS
INCORPORATED

(Exact Name of Registrant as Specified in its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

77-0160744
(I.R.S. Employer
Identification No.)

10275 Science Center Drive
San Diego, CA
(Address of Principal Executive Offices)

92121-1117
(Zip Code)

Registrant's Telephone Number, Including Area Code: (858) 550-7500

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 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 No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. Large Accelerated Filer Accelerated Filer Non-Accelerated Filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).
Yes No

As of April 30, 2006, the registrant had 78,509,410 shares of common stock outstanding.

LIGAND PHARMACEUTICALS INCORPORATED
QUARTERLY REPORT
FORM 10-Q
TABLE OF CONTENTS

PART I. FINANCIAL INFORMATION

ITEM 1. Financial Statements (Unaudited)

Condensed Consolidated Balance Sheets as of March 31, 2006 and December 31, 2005 3

Condensed Consolidated Statements of Operations for the three months ended March 31, 2006 and 2005 4

Condensed Consolidated Statements of Cash Flows for the three months ended March 31, 2006 and 2005 5

Notes to Condensed Consolidated Financial Statements 6

ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations 24

ITEM 3. Quantitative and Qualitative Disclosures about Market Risk 37

ITEM 4. Controls and Procedures 38

PART II. OTHER INFORMATION

ITEM 1. Legal Proceedings 44

ITEM 1A. Risk Factors 46

ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds 58

ITEM 3. Defaults upon Senior Securities *

ITEM 4. Submission of Matters to a Vote of Security Holders 59

ITEM 5. Other Information *

ITEM 6. Exhibits 60

SIGNATURE 62

Exhibit 10.267

Exhibit 31.1

Exhibit 31.2

Exhibit 32.1

Exhibit 32.2

* No information provided due to inapplicability of item.

[Table of Contents](#)

PART I. FINANCIAL INFORMATION
ITEM 1. FINANCIAL STATEMENTS

LIGAND PHARMACEUTICALS INCORPORATED
CONDENSED CONSOLIDATED BALANCE SHEETS
(Unaudited)
(in thousands, except share data)

	March 31, 2006	December 31, 2005
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 49,808	\$ 66,756
Short-term investments	17,897	20,174
Accounts receivable, net	20,046	20,954
Current portion of inventories, net	8,232	9,333
Other current assets	16,357	15,750
Total current assets	112,340	132,967
Restricted investments	1,826	1,826
Long-term portion of inventories, net	5,486	5,869
Property and equipment, net	21,758	22,483
Acquired technology, product rights and royalty buy-down, net	143,268	146,770
Other assets	4,011	4,704
Total assets	<u>\$ 288,689</u>	<u>\$ 314,619</u>
LIABILITIES AND STOCKHOLDERS' DEFICIT		
Current liabilities:		
Accounts payable	\$ 16,325	\$ 15,360
Accrued liabilities	43,502	59,587
Current portion of deferred revenue, net	151,021	157,519
Current portion of co-promote termination liability	42,533	—
Current portion of equipment financing obligations	2,298	2,401
Current portion of long-term debt	350	344
Total current liabilities	256,029	235,211
Long-term debt	140,553	166,745
Long-term portion of co-promote termination liability	93,708	—
Long-term portion of equipment financing obligations	3,251	3,430
Long-term portion of deferred revenue, net	4,124	4,202
Other long-term liabilities	3,037	3,105
Total liabilities	<u>500,702</u>	<u>412,693</u>
Commitments and contingencies		
Common stock subject to conditional redemption; 997,568 shares issued and outstanding at March 31, 2006 and December 31, 2005	<u>12,345</u>	<u>12,345</u>
Stockholders' deficit:		
Convertible preferred stock, \$0.001 par value; 5,000,000 shares authorized; none issued	—	—
Common stock, \$0.001 par value; 200,000,000 shares authorized; 77,496,166 and 73,136,340 shares issued at March 31, 2006 and December 31, 2005, respectively	78	73
Additional paid-in capital	748,742	720,988
Accumulated other comprehensive income	1,021	490
Accumulated deficit	<u>(973,288)</u>	<u>(831,059)</u>
	(223,447)	(109,508)
Treasury stock, at cost; 73,842 shares	<u>(911)</u>	<u>(911)</u>
Total stockholders' deficit	<u>(224,358)</u>	<u>(110,419)</u>
	<u>\$ 288,689</u>	<u>\$ 314,619</u>

See accompanying notes.

LIGAND PHARMACEUTICALS INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)
(in thousands, except share data)

	Three Months Ended March 31,	
	2006	2005
Revenues:		
Product sales	\$ 47,984	\$ 35,045
Collaborative research and development and other revenues	2,972	1,940
Total revenues	<u>50,956</u>	<u>36,985</u>
Operating costs and expenses:		
Cost of products sold	9,740	11,065
Research and development	12,218	14,735
Selling, general and administrative	22,201	19,215
Co-promotion	10,957	7,740
Co-promote termination charges	132,941	—
Total operating costs and expenses	<u>188,057</u>	<u>52,755</u>
Loss from operations	<u>(137,101)</u>	<u>(15,770)</u>
Other income (expense):		
Interest income	573	444
Interest expense	(6,067)	(3,127)
Other, net	383	1
Total other expense, net	<u>(5,111)</u>	<u>(2,682)</u>
Loss before income taxes	(142,212)	(18,452)
Income tax expense	(17)	(20)
Net loss	<u>\$ (142,229)</u>	<u>\$ (18,472)</u>
Basic and diluted per share amounts:		
Net loss	<u>\$ (1.84)</u>	<u>\$ (0.25)</u>
Weighted average number of common shares	<u>77,496,969</u>	<u>73,916,470</u>

See accompanying notes.

LIGAND PHARMACEUTICALS INCORPORATED
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(in thousands)

	Three Months Ended March 31,	
	2006	2005
Operating activities		
Net loss	\$ (142,229)	\$ (18,472)
Adjustments to reconcile net loss to net cash used in operating activities:		
Amortization of acquired technology and license rights	3,570	3,236
Depreciation and amortization of property and equipment	913	969
Amortization of debt issue costs	244	254
Gain on sale of Exelixis stock	(343)	—
Stock-based compensation	814	—
Non-cash interest expense converted into additional paid-in capital	57	—
Other	(8)	28
Changes in operating assets and liabilities:		
Accounts receivable, net	908	12,523
Inventories, net	1,484	(1,144)
Other current assets	(144)	637
Accounts payable and accrued liabilities	(14,912)	(958)
Other liabilities	(3)	(2)
Deferred revenue, net	(6,576)	332
Co-promote termination liability	136,241	—
Net cash used in operating activities	<u>(19,984)</u>	<u>(2,597)</u>
Investing activities		
Purchases of short-term investments	(4,726)	(21,425)
Proceeds from sale of short-term investments	7,884	2,945
Purchases of property and equipment	(190)	(597)
Payment to buy-down ONTAK royalty obligation	—	(20,000)
Capitalized portion of payment of lasofoxfifene royalty rights	—	(558)
Other, net	27	60
Net cash provided by (used in) investing activities	<u>2,995</u>	<u>(39,575)</u>
Financing activities		
Principal payments on equipment financing obligations	(680)	(723)
Proceeds from equipment financing arrangements	398	880
Repayment of long-term debt	(86)	(82)
Proceeds from issuance of common stock	468	773
Decrease in other long-term liabilities	(59)	(30)
Net cash provided by financing activities	<u>41</u>	<u>818</u>
Net decrease in cash and cash equivalents	(16,948)	(41,354)
Cash and cash equivalents at beginning of period	66,756	92,310
Cash and cash equivalents at end of period	<u>\$ 49,808</u>	<u>\$ 50,956</u>
Supplemental disclosure of cash flow information		
Interest paid	<u>\$ 517</u>	<u>\$ 328</u>
Non-cash impact of the conversion of 6% convertible subordinated notes into common stock:		
Conversion of principal amount of convertible notes	\$ 26,100	\$ —
Conversion of unamortized debt issue costs	(351)	—
Conversion of unpaid accrued interest	264	—
	<u>\$ 26,013</u>	<u>\$ —</u>
Non-cash impact of stock option exercises where cash was received subsequent to quarter-end		
	<u>\$ 469</u>	<u>\$ —</u>

See accompanying notes.

LIGAND PHARMACEUTICALS INCORPORATED
Notes to Condensed Consolidated Financial Statements
(Unaudited)

1. Basis of Presentation

The accompanying condensed consolidated financial statements of Ligand Pharmaceuticals Incorporated (the “Company” or “Ligand”) were prepared in accordance with instructions for Form 10-Q and, therefore, do not include all information necessary for a complete presentation of financial condition, results of operations, and cash flows in conformity with accounting principles generally accepted in the United States of America. However, all adjustments, consisting of normal recurring adjustments, which, in the opinion of management, are necessary for a fair presentation of the condensed consolidated financial statements, have been included. The results of operations for the three-month periods ended March 31, 2006 and 2005 are not necessarily indicative of the results that may be expected for the entire fiscal year or any other future period. These statements should be read in conjunction with the consolidated financial statements and related notes, which are included in the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2005.

Principles of Consolidation. The condensed consolidated financial statements include the Company’s wholly owned subsidiaries, Ligand Pharmaceuticals International, Inc., Ligand Pharmaceuticals (Canada) Incorporated, Seragen, Inc. (“Seragen”) and Nexus Equity VI LLC (“Nexus”). Intercompany accounts and transactions have been eliminated in consolidation.

Use of Estimates. The preparation of consolidated financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities, including disclosure of contingent assets and contingent liabilities, at the date of the consolidated financial statements, and the reported amounts of revenue and expenses during the reporting period. The Company’s critical accounting policies are those that are both most important to the Company’s financial condition and results of operations and require the most difficult, subjective or complex judgments on the part of management in their application, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. Because of the uncertainty of factors surrounding the estimates or judgments used in the preparation of the consolidated financial statements, actual results may materially vary from these estimates.

Loss Per Share. Net loss per share is computed using the weighted average number of common shares outstanding. Basic and diluted net loss per share amounts are equivalent for the periods presented as the inclusion of potential common shares in the number of shares used for the diluted computation would be anti-dilutive. Potential common shares, the shares that would be issued upon the conversion of convertible notes and the exercise of outstanding warrants and stock options were 28.9 million and 32.7 million at March 31, 2006 and December 31, 2005, respectively.

Guarantees and Indemnifications. The Company accounts for and discloses guarantees in accordance with Financial Accounting Standards Board (FASB) Interpretation No. 45 (“FIN 45”), *Guarantor’s Accounting and Disclosure Requirements for Guarantees Including Indirect Guarantees of Indebtedness of Others*, an interpretation of FASB Statements No. 5, 57 and 107 and rescission of FIN 34. The following is a summary of the Company’s agreements that the Company has determined are within the scope of FIN 45:

Under its bylaws, the Company has agreed to indemnify its officers and directors for certain events or occurrences arising as a result of the officer’s or director’s serving in such capacity. The term of the indemnification period is for the officer’s or director’s lifetime. The maximum potential amount of future payments the Company could be required to make under these indemnification agreements is unlimited. However, the Company has a directors and officers liability insurance policy that limits its exposure and enables it to recover a portion of any future amounts paid. As a result of its insurance policy coverage, the Company believes the estimated fair value of these indemnification agreements is minimal and has no liabilities recorded for these agreements as of March 31, 2006 and December 31, 2005.

Table of Contents

The Company enters into indemnification provisions under its agreements with other companies in its ordinary course of business, typically with business partners, contractors, customers and landlords. Under these provisions the Company generally indemnifies and holds harmless the indemnified party for direct losses suffered or incurred by the indemnified party as a result of the Company's activities or, in some cases, as a result of the indemnified party's activities under the agreement. The maximum potential amount of future payments the Company could be required to make under these indemnification provisions is unlimited. The Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification agreements. As a result, the Company believes the estimated fair value of these agreements is minimal. Accordingly, the Company has no liabilities recorded for these agreements as of March 31, 2006 and December 31, 2005.

Accounting for Stock-Based Compensation. Prior to January 1, 2006, the Company accounted for stock-based compensation in accordance with Accounting Principles Board (APB) Opinion No. 25, *Accounting for Stock Issued to Employees*, and related interpretations. The pro forma effects of employee stock options were disclosed as required by *Financial Accounting Standard Board Statement No. 123, Accounting for Stock-Based Compensation (SFAS 123)*.

Effective January 1, 2006, the Company adopted Statement of Financial Accounting Standards (SFAS) 123 (revised 2004), *Share-Based Payment (SFAS 123(R))*, using the modified prospective transition method. No stock-based employee compensation cost was recognized prior to January 1, 2006, as all options granted prior to 2006 had an exercise price equal to the market value of the underlying common stock on the date of the grant. In March 2005, the Securities and Exchange Commission issued Staff Accounting Bulletin No. 107 ("SAB 107") relating to SFAS 123(R). The Company has applied the provisions of SAB 107 in its adoption of SFAS 123(R). Under the transition method, compensation cost recognized in 2006 includes: (a) compensation cost for all share-based payments granted prior to, but not yet vested as of January 1, 2006, based on the grant date fair value estimated in accordance with the original provisions of SFAS 123, and (b) compensation cost for all share-based payments granted in the first quarter 2006, based on grant-date fair value estimated in accordance with the provisions of SFAS 123(R).

Additionally, the Company accounts for the fair value of options granted to non-employee consultants under Emerging Issues Task Force (EITF) 96-18, *Accounting for Equity Instruments That Are Issued to Other Than Employees for Acquiring, or in Conjunction With Selling, Goods or Services*.

Total compensation expense for stock-based compensation for the three months ended March 31, 2006 was approximately \$0.8 million. There was no deferred tax benefit recognized in connection with this cost.

Results for the quarter ended March 31, 2005 have not been retrospectively adjusted. The fair value of the options was estimated using a Black-Scholes option-pricing formula and amortized to expense over the options' vesting periods.

Table of Contents

The following table illustrates the pro forma effect of share-based compensation on net loss and loss per share for the quarter ended March 31, 2005 (in thousands, except per share data):

	Three Months Ended March 31, 2005
Net loss, as reported	\$ (18,472)
Stock-based employee compensation expense included in reported net loss	—
Less: total stock-based compensation expense determined under fair value based method for all awards continuing to vest	(757)
Less: total stock-based compensation expense determined under fair value based method for options accelerated in January 2005 (1)	(12,455)
Net loss, pro forma	<u>\$ (31,684)</u>
Basic and diluted per share amounts:	
Net loss per share as reported	<u>\$ (0.25)</u>
Net loss per share pro forma	<u>\$ (0.43)</u>

(1) Represents pro forma unrecognized expense for accelerated options as of the date of acceleration.

On January 31, 2005, Ligand accelerated the vesting of certain unvested and “out-of-the-money” stock options previously awarded to the executive officers and other employees under the Company’s 1992 and 2002 stock option plans which had an exercise price greater than \$10.41, the closing price of the Company’s stock on that date. The vesting for options to purchase approximately 1.3 million shares of common stock (of which approximately 450,000 shares were subject to options held by the executive officers) were accelerated. Options held by non-employee directors were not accelerated.

Holders of incentive stock options (ISOs) within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended, were given the election to decline the acceleration of their options if such acceleration would have the effect of changing the status of such option for federal income tax purposes from an ISO to a non-qualified stock option. In addition, the executive officers plus other members of senior management agreed that they will not sell any shares acquired through the exercise of an accelerated option prior to the date on which the exercise would have been permitted under the option’s original vesting terms. This agreement does not apply to a) shares sold in order to pay applicable taxes resulting from the exercise of an accelerated option or b) upon the officers’ retirement or other termination of employment.

The purpose of the acceleration was to eliminate any future compensation expense the Company would have otherwise recognized in its statement of operations with respect to these options upon the implementation of SFAS 123(R).

Other Stock-Related Information

The 2002 Stock Incentive Plan contains four separate equity programs – Discretionary Option Grant Program, Automatic Option Grant Program, Stock Issuance Program and Director Fee Option Grant Program (“the 2002

Table of Contents

Plan”). On January 31, 2006, shareholders of the Company approved an amendment to the 2002 Plan to increase the number of shares of the Company’s common stock authorized for issuance by 750,000 shares, from 8.3 million shares to 9.1 million shares. As of March 31, 2006, options for 7,370,866 shares of common stock were outstanding under the 2002 plan and 304,674 shares remained available for future option grant or direct issuance.

The Company grants options to employees, non-employees consultants, and non-employee directors. Additionally, the Company granted restricted stock to non-employee directors in the first quarter of 2006. Non-employee directors are accounted for as employees under SFAS 123(R). Options and restricted stock granted to certain directors vest in equal monthly installments over one year. Options granted to employees vests 1/8 on the six month anniversary and 1/48 each month thereafter for forty-two months. Options granted to non-employee consultants generally vest between 24 and 36 months. All option awards generally expire ten years from the date of the grant.

Stock-based compensation cost for awards to employees and non-employee directors is recognized on a straight-line basis over the vesting period until the last tranche vests. Compensation cost for consultant awards is recognized over each separate tranche’s vesting period. The Company recognized compensation expense of approximately \$0.8 million for the three months ended March 31, 2006 associated with option awards and restricted stock. Of the total compensation expense associated with option awards, approximately \$0.2 million related to options granted to non-employee consultants.

The fair-value for options that were awarded to employees and directors was estimated at the date of grant using the Black-Scholes option valuation model with the following weighted average assumptions:

	Three Months Ended March 31	
	2006	2005
Risk-free interest rate	4.7%	4.2%
Dividend yield	—	—
Expected volatility	70%	75%
Expected term	5.94 years	5 years

The expected term of the employee and non-employee director options is the estimated weighted-average period until exercise or cancellation of vested options (forfeited unvested options are not considered). SAB 107 guidance permits companies to use a “safe harbor” expected term assumption for grants up to December 31, 2007 based on the mid-point of the period between vesting date and contractual term, averaged on a tranche-by-tranche basis. The Company used the safe harbor in selecting the expected term assumption in 2006. The expected term for consultant awards is the remaining period to contractual expiration.

Volatility is a measure of the expected amount of variability in the stock price over the expected life of an option expressed as a standard deviation. SFAS 123(R) requires an estimate of future volatility. In selecting this assumption, the Company used the historical volatility of the Company’s stock price over a period equal to the expected term.

Table of Contents

Stock Option Activity

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term in Years	Aggregate Intrinsic Value (in thousands)
Balance at December 31, 2005	7,001,657	\$ 11.76		
Granted	595,617	11.96		
Exercised	116,315	8.01		
Forfeited	43,288	8.60		
Cancelled	66,805	14.73		
Balance at March 31, 2006	<u>7,370,866</u>	<u>\$ 11.82</u>	<u>6.01</u>	<u>\$ 14,273</u>
Exercisable at March 31, 2006	<u>5,671,045</u>	<u>\$ 12.44</u>	<u>5.11</u>	<u>\$ 9,022</u>
Options expected to vest as of March 31, 2006	<u>7,172,385</u>	<u>\$ 11.87</u>	<u>5.92</u>	<u>\$ 13,688</u>

The weighted-average grant-date fair value of all stock options granted during the three months ended March 31, 2006 was \$7.87 per share. The total intrinsic value of all options exercised during the three months ended March 31, 2006 was \$4.69 per share. As of March 31, 2006, there was approximately \$9.0 million of total unrecognized compensation cost related to nonvested stock options. That cost is expected to be recognized over a weighted average period of 2.91 years.

Cash received from options exercised for each of the quarters ended March 31, 2006 and 2005 was approximately \$0.5 million for each period. An additional \$0.5 million was received subsequent to March 31, 2006 for options exercised during the three months ended March 31, 2006. There is no current tax benefit related to options exercised because of net operating losses (NOLs) for which a full valuation allowance has been established.

Restricted Stock Activity

	Shares	Weighted-Average Stock Price
Balance at December 31, 2005	—	\$ —
Granted	15,566	11.56
Vested	3,895	11.56
Forfeited	—	—
Nonvested at March 31, 2006	<u>11,671</u>	<u>\$ 11.56</u>

The weighted-average grant-date fair value of restricted stock granted during the three months ended March 31, 2006 was \$11.56 per share. As of March 31, 2006, there was \$137,574 of total unrecognized compensation cost related to nonvested restricted stock. That cost is expected to be recognized over the remainder of 2006.

Employee Stock Purchase Plan

The Company also has an employee stock purchase plan (the "ESPP"). Since its adoption in 2002, a total of 510,248 shares of common stock have been reserved for issuance under the ESPP. As of March 31, 2006, 362,738 shares of common stock had been issued under the ESPP, and 147,510 shares are available for future issuance. For the quarter ended March 31, 2006, there were no issuances of common shares under the ESPP.

Table of Contents

Accounts Receivable. Accounts receivable consist of the following (in thousands):

	March 31, 2006	December 31, 2005
Trade accounts receivable	\$ 2,739	\$ 1,344
Due from finance company (Note 2)	18,243	20,464
Less: discounts and allowances	(936)	(854)
	<u>\$ 20,046</u>	<u>\$ 20,954</u>

Inventories. Inventories are stated at the lower of cost or market. Cost is determined using the first-in, first-out method. Inventories consist of the following (in thousands):

	March 31, 2006	December 31, 2005
Raw materials	\$ 1,655	\$ 1,508
Work-in-process	8,671	9,115
Finished goods	5,388	6,324
Less: inventory reserves	(1,996)	(1,745)
	13,718	15,202
Less: current portion	(8,232)	(9,333)
Long-term portion of inventories, net	<u>\$ 5,486</u>	<u>\$ 5,869</u>

In 2005, the Company completed a multi-year process of transferring its filling and finishing of ONTAK from Eli Lilly and Company (Lilly) to Hollister-Stier. In anticipation of this transfer, the Company used Lilly to fill and finish, in 2003, a higher than normal number of ONTAK lots each of which required a forward dating determination. ONTAK otherwise has a shelf life projection of up to 36 months. If commercial and clinical usage of these lots does not approximate the estimated pattern of usage as determined for purposes of dating, the Company could be required to write-off the value of one or more of these lots. In this regard, as of March 31, 2006 and December 31, 2005, inventory reserves relating to ONTAK finished goods inventory totaled approximately \$1.1 million and \$0.7 million, respectively. As of March 31, 2006 and December 31, 2005, total ONTAK inventory amounted to approximately \$7.4 million and \$7.8 million, respectively, of which \$3.0 million and \$2.7 million is classified as long-term, respectively.

During 2005, the Company manufactured a higher than normal amount of drug substance (bexarotene) for Targretin capsules in the event the Company's non-small cell lung cancer (NSCLC) clinical trials were successful. In March 2005, the Company disclosed that the trials did not meet their endpoints of improved overall survival and projected two year survival. The Company believes, however, that the additional manufactured bexarotene, which has a shelf life projection of approximately 10 years, will be fully used for ongoing production of the Company's marketed products, Targretin capsules and Targretin gel. As of March 31, 2006 and December 31, 2005, total Targretin capsules inventory amounted to \$3.9 million and \$4.2 million, respectively, of which \$2.5 million and \$3.2 million is classified as long-term, respectively.

Property and Equipment. Property and equipment is stated at cost and consists of the following (in thousands):

	March 31, 2006	December 31, 2005
Land	\$ 5,176	\$ 5,176
Equipment, building, and leasehold improvements	61,832	61,732
Less accumulated depreciation and amortization	(45,250)	(44,425)
	<u>\$ 21,758</u>	<u>\$ 22,483</u>

Depreciation of equipment and building is computed using the straight-line method over the estimated useful lives of the assets which range from three to thirty years. Leasehold improvements are amortized using the straight-line method over their estimated useful lives or their related lease term, whichever is shorter.

Table of Contents

Other Current Assets. Other current assets consist of the following (in thousands):

	March 31, 2006	December 31, 2005
Deferred royalty cost	\$ 4,947	\$ 5,203
Deferred cost of products sold	4,982	5,103
Prepaid insurance	938	1,071
Prepaid other	2,486	2,807
Other	3,004	1,566
	<u>\$ 16,357</u>	<u>\$ 15,750</u>

Other Assets. Other assets consist of the following (in thousands):

	March 31, 2006	December 31, 2005
Prepaid royalty buyout, net	\$ 2,244	\$ 2,312
Debt issue costs, net	1,598	2,193
Other	169	199
	<u>\$ 4,011</u>	<u>\$ 4,704</u>

Amortization of debt issue costs was \$0.2 million and \$0.3 million for the three months ended March 31, 2006 and 2005, respectively. Estimated annual amortization of this asset in each of the years in the period from 2006 through 2007 is approximately \$0.9 million. As further discussed under "Long-term Debt", during the three months ended March 31, 2006, convertible notes with a face value of \$26.1 million were converted into approximately 4.2 million shares of common stock. In connection with the conversions, unamortized debt issue costs of \$0.4 million were recorded as additional paid in capital.

Acquired Technology, Product Rights and Royalty Buy-Down, Net. In accordance with SFAS No. 142, *Goodwill and Other Intangibles*, the Company amortizes intangible assets with finite lives in a manner that reflects the pattern in which the economic benefits of the assets are consumed or otherwise used up. If that pattern cannot be reliably determined, the assets are amortized using the straight-line method.

Acquired technology, product rights and royalty buy-down, net as of March 31, 2006 include payments made in 2005 totaling \$33.0 million to Lilly in exchange for the elimination of the Company's ONTAK royalty obligations in 2005 and 2006 and a reduced reverse-tiered royalty scale on ONTAK sales in the U.S. thereafter. See "Note 3 – Royalty Agreements". Amounts paid to Lilly in connection with the royalty restructuring were capitalized and are being amortized over the remaining patent life, which is approximately 10 years and represents the period estimated to be benefited, using the greater of the straight-line method or the expense determined on the tiered royalty schedule as set forth in Note 3. Other acquired technology and product rights represent payments related to the Company's acquisition of ONTAK and license rights for AVINZA. Because the Company cannot reliably determine the pattern in which the economic benefits of the acquired technology and products rights are realized, acquired technology and product rights are amortized on a straight-line basis over 15 years, which approximated the remaining patent life at the time the assets were acquired and otherwise represents the period estimated to be benefited. Specifically, the Company is amortizing its ONTAK asset through June 2014 which is approximate to the expiration date of its U.S. patent of December 2014. The AVINZA asset is being amortized through November 2017, the expiration of its U.S. patent.

Table of Contents

Acquired technology, product rights, and royalty buy-down, net consist of the following (in thousands):

	March 31, 2006	December 31, 2005
AVINZA	\$114,437	\$ 114,437
Less accumulated amortization	(25,632)	(23,725)
	<u>88,805</u>	<u>90,712</u>
ONTAK	78,312	78,312
Less accumulated amortization	(23,849)	(22,254)
	<u>54,463</u>	<u>56,058</u>
	<u>\$143,268</u>	<u>\$ 146,770</u>

Amortization of acquired technology, product rights and royalty buy-down, net was \$3.5 million for the three months ended March 31, 2006 and \$3.2 million for the same 2005 period. Estimated annual amortization for these assets in each of the years in the period from 2006 through 2010 is approximately \$14.0 million and a total of \$76.7 million, thereafter.

Deferred Revenue, Net. Under the sell-through revenue recognition method, the Company does not recognize revenue upon shipment of product to the wholesaler. For these shipments, the Company invoices the wholesaler, records deferred revenue at gross invoice sales price, and classifies the inventory held by the wholesaler (and subsequently held by retail pharmacies as in the case of AVINZA) as deferred cost of goods sold within "other current assets." Deferred revenue is presented net of deferred cash and other discounts. Other deferred revenue reflects certain collaborative research and development payments and the sale of certain royalty rights.

The composition of deferred revenue, net is as follows (in thousands):

	March 31, 2006	December 31, 2005
Deferred product revenue	\$151,533	\$ 158,030
Other deferred revenue	5,218	5,296
Deferred discounts	(1,606)	(1,605)
Deferred revenue, net	<u>\$155,145</u>	<u>\$ 161,721</u>
Deferred revenue, net:		
Current, net	\$151,021	\$ 157,519
Long term, net	<u>4,124</u>	<u>4,202</u>
	<u>\$155,145</u>	<u>\$ 161,721</u>
Deferred product revenue, net (1):		
Current	\$149,927	\$ 156,425
Long term	—	—
Other deferred revenue:		
Current	\$ 1,094	\$ 1,094
Long term	<u>4,124</u>	<u>4,202</u>
	<u>\$ 5,218</u>	<u>\$ 5,296</u>

- (1) Deferred product revenue, net does not include other gross to net revenue adjustments made when the Company reports net product sales. Such adjustments include Medicaid rebates, managed health care rebates, and government chargebacks, which are included in accrued liabilities in the accompanying condensed consolidated financial statements.

Table of Contents

Accrued Liabilities. Accrued liabilities consist of the following (in thousands):

	<u>March 31, 2006</u>	<u>December 31, 2005</u>
Allowances for loss on returns, rebates, chargebacks, other discounts, ONTAK end-customer and Panretin product returns	\$ 14,236	\$ 15,729
Co-promotion	10,807	24,778
Distribution services	2,779	4,044
Compensation	6,623	5,746
Royalties	1,725	1,994
Seragen purchase liability (1)	—	2,925
Interest	2,906	1,164
Other	4,426	3,207
	<u>\$ 43,502</u>	<u>\$ 59,587</u>

(1) Refer to Note 5. "Litigation".

The following summarizes the activity in the accrued liability accounts related to allowances for loss on returns, rebates, chargebacks, other discounts, and ONTAK end-customer and Panretin returns (in thousands):

	Losses on Returns Due to Changes In Price	Medicaid Rebates	Managed Care Rebates and Other Rebates	Charge- backs	ONTAK End- customer and Panretin Returns	Total
Three Months Ended March 31, 2006:						
Balance at December 31, 2005	\$ 4,038	\$ 5,348	\$ 3,467	\$ 200	\$ 2,676	\$15,729
Provision	527	2,260	3,650	1,293	899	8,629
Payments	³ / ₄	(4,853)	(1,636)	(1,276)	³ / ₄	(7,765)
Charges	(1,856)	³ / ₄	³ / ₄	³ / ₄	(501)	(2,357)
Balance at March 31, 2006	<u>\$ 2,709</u>	<u>\$ 2,755</u>	<u>\$ 5,481</u>	<u>\$ 217</u>	<u>\$ 3,074</u>	<u>\$14,236</u>

Long-term Debt. Long-term debt consists of the following (in thousands):

	<u>March 31, 2006</u>	<u>December 31, 2005</u>
6% Convertible Subordinated Notes	\$129,150	\$ 155,250
Note payable to bank	11,753	11,839
	140,903	167,089
Less current portion	(350)	(344)
Long-term debt	<u>\$140,553</u>	<u>\$ 166,745</u>

During the three months ended March 31, 2006, certain holders of the Company's outstanding 6% convertible subordinated notes converted notes with a face value of \$26.1 million into approximately 4.2 million shares of common stock. In connection with the note conversions, accrued interest and unamortized debt issue costs related to the converted notes, of \$0.3 million and \$0.4 million, respectively, were recorded to additional paid-in capital.

Table of Contents

Condensed Changes in Stockholders' Deficit. Condensed changes in stockholders' deficit for the three months ended March 31, 2006 are as follows (in thousands, except share data):

	Common Stock		Additional paid-in capital	Accumulated other comprehensive income	Accumulated deficit	Treasury Stock		Total stockholders' deficit
	Shares	Amount				Shares	Amount	
Balance at December 31, 2005	73,136,340	\$ 73	\$ 720,988	\$ 490	\$ (831,059)	(73,842)	\$ (911)	\$ (110,419)
Issuance of common stock	131,881	1	931	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	932
Issuance of common stock on conversion of debt	4,227,945	4	26,009	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	26,013
Unrealized gains/(losses) on available-for-sale securities	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	534	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	534
Foreign currency translation adjustments	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	(3)	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	(3)
Equity-based compensation	$\frac{3}{4}$	$\frac{3}{4}$	814	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	814
Net loss	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	(142,229)	$\frac{3}{4}$	$\frac{3}{4}$	(142,229)
Balance at March 31, 2006	<u>77,496,166</u>	<u>\$ 78</u>	<u>\$ 748,742</u>	<u>\$ 1,021</u>	<u>\$ (973,288)</u>	<u>(73,842)</u>	<u>\$ (911)</u>	<u>\$ (224,358)</u>

Comprehensive Loss. Comprehensive loss represents net loss adjusted for the change during the periods presented in unrealized gains and losses on available-for-sale securities less reclassification adjustments for realized gains or losses included in net loss, as well as foreign currency translation adjustments. The accumulated unrealized gains or losses and cumulative foreign currency translation adjustments are reported as accumulated other comprehensive income as a separate component of stockholders' deficit. Comprehensive loss is as follows (in thousands):

	Three Months Ended March 31,	
	2006	2005
Net loss as reported	\$ (142,229)	\$ (18,472)
Unrealized gains/losses on available-for-sale securities	534	(960)
Foreign currency translation adjustments	(3)	(7)
Comprehensive loss	<u>\$ (141,698)</u>	<u>\$ (19,439)</u>

The components of accumulated other comprehensive income are as follows (in thousands):

	March 31, 2006	December 31, 2005
Net unrealized holding gain on available-for-sale securities	\$ 1,277	\$ 743
Net unrealized loss on foreign currency translation	(256)	(253)
	<u>\$ 1,021</u>	<u>\$ 490</u>

Net Product Sales. The Company's domestic net product sales for AVINZA, ONTAK, Targretin capsules and Targretin gel are determined on a sell-through basis less allowances for rebates, chargebacks, discounts, and losses to be incurred on returns from wholesalers resulting from increases in the selling price of the Company's products. The Company recognizes revenue for Panretin upon shipment to wholesalers as the Company's wholesaler customers only stock minimal amounts of Panretin, if any. As such, wholesaler orders are considered to approximate end-customer demand for the product. Revenues from sales of Panretin are net of allowances for rebates, chargebacks, returns and discounts. For international shipments of the Company's product, revenue is recognized upon shipment to the Company's third-party international distributors. In addition, the Company incurs certain distributor service

Table of Contents

agreement fees related to the management of its product by wholesalers. These fees have been recorded within net product sales. For ONTAK, the Company also has established reserves for returns from end customers (i.e. other than wholesalers) after sell-through revenue recognition has occurred.

A summary of the revenue recognition policy used for each of the Company's products and the expiration of the underlying patents for each product is as follows:

	<u>Method</u>	<u>Revenue Recognition Event</u>	<u>Patent Expiration</u>
AVINZA	Sell-through	Prescriptions	November 2017
ONTAK	Sell-through	Wholesaler out-movement	December 2014
Targretin capsules	Sell-through	Wholesaler out-movement	October 2016
Targretin gel	Sell-through	Wholesaler out-movement	October 2016
Panretin	Sell-in	Shipment to wholesaler	August 2016
International	Sell-in	Shipment to international distributor	February 2011 through April 2013

For the three months ended March 31, 2006 and 2005, net product sales recognized under the sell-through method represented approximately 96% of total net product sales in both periods.

The Company's total net product sales for the three months ended March 31, 2006 were \$48.0 million compared to \$35.0 million for the same 2005 period. A comparison of sales by product is as follows (in thousands):

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
AVINZA	\$ 32,495	\$ 21,997
ONTAK	9,182	8,024
Targretin capsules	5,002	4,015
Targretin gel and Panretin gel	1,305	1,009
Total product sales	<u>\$ 47,984</u>	<u>\$ 35,045</u>

Collaborative Research and Development and Other Revenues. Collaborative research and development and other revenues are recognized as services are performed consistent with the performance requirements of the contract. Non-refundable contract fees for which no further performance obligation exists and where the Company has no continuing involvement are recognized upon the earlier of when payment is received or collection is assured. Revenue from non-refundable contract fees where the Company has continuing involvement through research and development collaborations or other contractual obligations is recognized ratably over the development period or the period for which the Company continues to have a performance obligation. Revenue from performance milestones is recognized upon the achievement of the milestones as specified in the respective agreement. Payments received in advance of performance or delivery are recorded as deferred revenue and subsequently recognized over the period of performance or upon delivery.

The composition of collaborative research and development and other revenues is as follows (in thousands):

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
Collaborative research and development	\$ 894	\$ 862
Development milestones and other	2,078	1,078
	<u>\$ 2,972</u>	<u>\$ 1,940</u>

[Table of Contents](#)

Income Taxes. The Company recognizes liabilities or assets for the deferred tax consequences of temporary differences between the tax bases of assets or liabilities and their reported amounts in the financial statements in accordance with SFAS No. 109, "Accounting for Income Taxes" ("SFAS 109"). These temporary differences will result in taxable or deductible amounts in future years when the reported amounts of the assets or liabilities are recovered or settled. SFAS 109 requires that a valuation allowance be established when management determines that it is more likely than not that all or a portion of a deferred tax asset will not be realized. The Company evaluates the realizability of its net deferred tax assets on a quarterly basis and valuation allowances are provided, as necessary. During this evaluation, the Company reviews its forecasts of income in conjunction with other positive and negative evidence surrounding the realizability of its deferred tax assets to determine if a valuation allowance is required. Adjustments to the valuation allowance will increase or decrease the Company's income tax provision or benefit. At March 31, 2006 and December 31, 2005, the Company has established a full valuation allowance against net deferred tax assets.

2. Accounts Receivable Factoring Arrangement

During 2003, the Company entered into a one-year accounts receivable factoring arrangement under which eligible accounts receivable are sold without recourse to a finance company. The agreement was renewed for a one-year period in the second quarter of 2004 and for two years in the second quarter of 2005 through December 2007. Commissions on factored receivables are paid to the finance company based on the gross receivables sold, subject to a minimum annual commission. Additionally, the Company pays interest on the net outstanding balance of the uncollected factored accounts receivable at an interest rate equal to the JPMorgan Chase Bank prime rate. The Company continues to service the factored receivables. The servicing expenses for the three months ended March 31, 2006 and 2005 were not material. There were no material gains or losses on the sale of such receivables. The Company accounts for the sale of receivables under this arrangement in accordance with SFAS No. 140, *Accounting for Transfers and Servicing of Financial Assets and Extinguishment of Liabilities*.

As of March 31, 2006 and December 31, 2005, the Company had received cash of \$19.8 million and \$23.3 million, respectively, under the factoring arrangement for the sale of trade receivables that were outstanding as of such dates. The gross amount due from the finance company at March 31, 2006 and December 31, 2005 was \$18.2 million and \$20.5 million, respectively.

3. Royalty Agreements

Restructuring of ONTAK Royalty

In November 2004, Ligand and Eli Lilly and Company (Lilly) agreed to amend their ONTAK royalty agreement to add options in 2005 that if exercised would restructure Ligand's royalty obligations on net sales of ONTAK. Under the revised agreement, Ligand and Lilly each obtained two options. Ligand's options, which were exercised, provided for the buy-down of a portion of the Company's ONTAK royalty obligation on net sales in the United States for total consideration of \$33.0 million. Lilly also had two options exercisable in July 2005 and October 2005 to trigger the same royalty buy-downs for total consideration of up to \$37.0 million, dependent on whether Ligand had exercised one or both of its options.

Ligand's first option, providing for a one-time payment of \$20.0 million to Lilly in exchange for the elimination of Ligand's ONTAK royalty obligations in 2005 and a reduced reverse-tiered royalty scale on ONTAK sales in the U.S. thereafter, was exercised in January 2005. The second option which provided for a one-time payment of \$13.0 million to Lilly in exchange for the elimination of royalties on ONTAK net sales in the U.S. in 2006 and a reduced reverse-tiered royalty thereafter was exercised in April 2005. Additionally, beginning in 2007 and throughout the remaining ONTAK patent life (2014), Ligand will pay no royalties to Lilly on U.S. sales up to \$38.0 million. Thereafter, Ligand will pay royalties to Lilly at a rate of 20% on net U.S. sales between \$38.0 million and \$50.0 million; at a rate of 15% on net U.S. sales between \$50.0 million and \$72.0 million; and at a rate of 10% on net U.S. sales in excess of \$72.0 million. The option payments totaling \$33.0 million were capitalized and are being amortized over the remaining ONTAK patent life of approximately 10 years, which represents the period estimated to be benefited, using the greater of the straight-line method or the expense determined based on the tiered

Table of Contents

royalty schedule set forth above. In accordance with SFAS No. 142, *Goodwill and Other Intangibles*, the Company amortizes intangible assets with finite lives in a manner that reflects the pattern in which the economic benefits of the assets are consumed or otherwise used up. If that pattern cannot be reliably determined, the assets are amortized using the straight-line method.

Buyout of Salk Royalty Obligations

In January 2005, Ligand paid Salk \$1.1 million to exercise an option to buy out milestone payments, other payment-sharing obligations and royalty payments due on future sales of lasofoxifene for vaginal atrophy. This payment resulted from a supplemental lasofoxifene new drug application (NDA) filing by Pfizer. As the Company had previously sold rights to Royalty Pharma AG of approximately 50% of any royalties to be received from Pfizer for sales of lasofoxifene, it recorded approximately 50% of the payment made to Salk, approximately \$0.6 million, as development expense in the first quarter of 2005. The balance of approximately \$0.5 million was capitalized to be amortized over the period any such royalties were to be received from Pfizer for the vaginal atrophy indication. In connection with Pfizer's receipt of a non-approvable letter from the FDA for the vaginal atrophy indication in February 2006, however, the Company wrote-off the remaining capitalized balance of \$0.5 million in the fourth quarter of 2005.

Settlement of Patent Interference

In March 2005, Ligand announced that it reached a settlement agreement in a patent interference action initiated by Ligand against two patents owned by The Burnham Institute and SRI International, but exclusively licensed to Ligand. The Company believes the settlement strengthens its intellectual property position for bexarotene, the active ingredient in the Targretin products. The settlement also reduces the royalty rate on those products while extending the royalty payment term to SRI/Burnham.

Under the agreement, Burnham has a research-only sublicense to conduct basic research under the assigned patents and Ligand will have an option on the resulting products and technology. In addition, Burnham and SRI agreed to accept a reduction in the royalty rate paid to them on U.S. sales of Targretin under an earlier agreement. The aggregate royalty rate owed to SRI and Burnham by Ligand was reduced from 4% to 3% of net sales and the term of the royalty payments extended from 2012 to 2016. If the patent issued on the pending Ligand patent application is extended beyond 2016, the royalty rate would be reduced to 2% and paid for the term of the longest Ligand patent covering bexarotene.

4. AVINZA Co-Promotion

In February 2003, Ligand and Organon Pharmaceuticals USA Inc. (Organon) announced that they had entered into an agreement for the co-promotion of AVINZA. Under the terms of the agreement, Organon committed to a specified minimum number of primary and secondary product calls delivered to certain high prescribing physicians and hospitals beginning in March 2003. Organon's compensation was structured as a percentage of net sales based on generally accepted accounting principles (GAAP), which paid Organon for their efforts and also provided Organon an economic incentive for performance and results. In exchange, Ligand paid Organon a percentage of AVINZA net sales based on the following schedule:

<u>Annual Net Sales of AVINZA</u>	<u>% of Incremental Net Sales Paid to Organon by Ligand</u>
\$0-150 million	30% (0% for 2003)
\$150-300 million	40%
\$300-425 million	50%
> \$425 million	45%

In January 2006, Ligand signed an agreement with Organon that terminated the AVINZA co-promotion agreement between the two companies and returns AVINZA co-promotion rights to Ligand. The effective date of the termination agreement is January 1, 2006; however, the parties have agreed to continue to cooperate during a transition period ending September 30, 2006 (the "Transition Period") to promote the product. The Transition Period

Table of Contents

co-operation includes a minimum number of product sales calls per quarter (100,000 for Organon and 30,000 for Ligand with an aggregate of 375,000 and 90,000, respectively, for the Transition Period) as well as the transition of ongoing promotions, managed care contracts, clinical trials and key opinion leader relationships to Ligand. During the Transition Period, Ligand will pay Organon an amount equal to 23% of AVINZA net sales as reported by Ligand. Ligand will also pay and be responsible for the design and execution of all clinical, advertising and promotion expenses and activities.

Additionally, in consideration of the early termination and return of rights under the terms of the agreement, Ligand will unconditionally pay Organon \$37.75 million on or before October 15, 2006. Ligand will further pay Organon \$10.0 million on or before January 15, 2007, provided that Organon has made its minimum required level of sales calls. Under certain conditions, including change of control, the cash payments will accelerate. In addition, after the termination, Ligand will make quarterly payments to Organon equal to 6.5% of AVINZA net sales through December 31, 2012 and thereafter 6.0% through patent expiration, currently anticipated to be November of 2017.

The unconditional payment of \$37.75 million to Organon and the estimated fair value of the amounts to be paid to Organon after the termination (\$98.5 million and \$95.2 million as of March 31, 2006 and January 1, 2006, respectively), based on the net sales of the product (currently anticipated to be paid quarterly through November 2017) were recognized as liabilities and expensed as costs of the termination as of the effective date of the agreement, January 2006. Additionally, the conditional payment of \$10.0 million, which represents an approximation of the fair value of the service element of the agreement during the Transition Period (when the provision to pay 23% of AVINZA net sales is also considered), is being recognized ratably as additional co-promotion expense over the Transition Period. For the three months ended March 31, 2006, the pro-rata recognition of this element of co-promotion expense amounted to \$3.3 million.

Although the quarterly payments to Organon will be based on net reported AVINZA product sales, such payments will not result in current period expense in the period upon which the payment is based, but instead will be charged against the co-promote termination liability. The accretion to the current net present value for each reporting period will, however, be recognized as other non-operating expense (interest expense) for that period at a rate of 15%, the discount rate used to initially value this component of the termination liability. Additionally, any changes to the Company's estimates of future net AVINZA product sales will result in a change to the liability which will be recognized as an increase or decrease to earnings in the period such changes are identified. Accreted interest expense for the three months ended March 31, 2006 was \$3.3 million.

On a quarterly basis, management reviews the carrying value of the co-promote termination liability. Due to assumptions and judgments inherent in determining the estimates of future net AVINZA sales through November 2017, the actual amount of net AVINZA sales used to determine the current fair value of the Company's co-promote termination liability may be materially different from its current estimates. In addition, because of the inherent difficulties of predicting possible changes to the estimates and assumptions used to determine the estimate of future AVINZA product sales, the Company is unable to quantify an estimate of the reasonably likely effect of any such changes on its results of operations or financial position.

The components of the co-promote termination liability as of March 31, 2006 are as follows (in thousands):

Payment due October 15, 2006	\$ 37,750
Net present value of payments based on net AVINZA product sales as of January 1, 2006	95,191
Accretion of interest to net present value of payments based on net AVINZA product sales as of March 31, 2006	<u>3,300</u>
	136,241
Less: current portion of co-promote termination liability	<u>(42,533)</u>
Long-term portion of co-promote termination liability	<u>\$ 93,708</u>

5. Litigation

The Company's subsidiary, Seragen, Inc. and Ligand, were named parties to Sergio M. Oliver, et al. v. Boston University, et al., a putative shareholder class action filed on December 17, 1998 in the Court of Chancery in the State of Delaware in and for New Castle County, C.A. No. 16570NC, by Sergio M. Oliver and others against Boston University and others, including Seragen, its subsidiary Seragen Technology, Inc. and former officers and directors of Seragen. The complaint, as amended, alleged that Ligand aided and abetted purported breaches of fiduciary duty by the Seragen related defendants in connection with the acquisition of Seragen by Ligand and made certain misrepresentations in related proxy materials and seeks compensatory and punitive damages of an unspecified amount. On July 25, 2000, the Delaware Chancery Court granted in part and denied in part defendants' motions to dismiss. Seragen, Ligand, Seragen Technology, Inc. and the Company's acquisition subsidiary, Knight Acquisition Corporation, were dismissed from the action. Claims of breach of fiduciary duty remain against the remaining defendants, including the former officers and directors of Seragen. The court certified a class consisting of shareholders as of the date of the acquisition and on the date of the proxy sent to ratify an earlier business unit sale by Seragen. On January 20, 2005, the Delaware Chancery Court granted in part and denied in part the defendants' motion for summary judgment. Prior to trial, several of the Seragen director-defendants reached a settlement with the plaintiffs. The trial in this action then went forward as to the remaining defendants and concluded on February 18, 2005. On April 14, 2006, the court issued a memorandum opinion finding for the plaintiffs and against Boston University and individual directors affiliated with Boston University on certain claims. The opinion awards damages on these claims in the amount of approximately \$4.8 million plus interest. Judgment, however, has not been entered and the matter is subject to appeal. While Ligand and its subsidiary Seragen have been dismissed from the action, such dismissal is also subject to appeal and Ligand and Seragen may have possible indemnification obligations with respect to certain defendants. As of March 31, 2006, the Company has not accrued an indemnification obligation based on its assessment that the Company's responsibility for any such obligation is not probable or estimable.

Beginning in August 2004, several purported class action stockholder lawsuits were filed in the United States District Court for the Southern District of California against the Company and certain of its directors and officers. The actions were brought on behalf of purchasers of the Company's common stock during several time periods, the longest of which runs from July 28, 2003 through August 2, 2004. The complaints generally allege that the Company violated Sections 10(b) and 20(a) of the Securities Exchange Act of 1934 and Rule 10b-5 of the Securities and Exchange Commission by making false and misleading statements, or concealing information about the Company's business, forecasts and financial performance, in particular statements and information related to drug development issues and AVINZA inventory levels. These lawsuits have been consolidated and lead plaintiffs appointed. A consolidated complaint was filed by the plaintiffs in March 2005. On September 27, 2005, the court granted the Company's motion to dismiss the consolidated complaint, with leave for plaintiffs to file an amended complaint within 30 days. In December 2005, the plaintiffs filed a second amended complaint again alleging claims under Section 10(b) and 20(a) of the Securities Exchange Act against the Company, David Robinson and Paul Maier. The amended complaint asserts an expanded Class Period of March 19, 2001 through May 20, 2005 and includes allegations arising from the Company's announcement on May 20, 2005 that it would restate certain financial results. Defendants filed their motion to dismiss plaintiffs' second amended complaint in January 2006. No trial date has been set.

Beginning on or about August 13, 2004, several derivative actions were filed on behalf of the Company by individual stockholders in the Superior Court of California. The complaints name the Company's directors and certain of its officers as defendants and name the Company as a nominal defendant. The complaints are based on the same facts and circumstances as the purported class actions discussed in the previous paragraph and generally allege breach of fiduciary duties, abuse of control, waste and mismanagement, insider trading and unjust enrichment. These actions are in discovery. The court has set a trial date of November 17, 2006.

In October 2005, a shareholder derivative action was filed on behalf of the Company in the United States District Court for the Southern District of California. The complaint names the Company's directors and certain of its officers as defendants and the Company as a nominal defendant. The action was brought by an individual stockholder. The complaint generally alleges that the defendants falsified Ligand's publicly reported financial results throughout 2002 and 2003 and the first three quarters of 2004 by improperly recognizing revenue on product sales. The complaint generally alleges breach of fiduciary duty by all defendants and requests disgorgement, e.g.,

Table of Contents

under Section 304 of the Sarbanes-Oxley Act of 2002. In January 2006, the defendants filed a motion to dismiss plaintiffs' verified shareholder derivative complaint. Plaintiffs' opposition was filed in February 2006. No trial date has been set.

The Company believes that all of the above actions are without merit and intends to vigorously defend against each of such lawsuits. Due to the uncertainty of the ultimate outcome of these matters, the impact on future financial results is not subject to reasonable estimates.

On December 11, 2001, a lawsuit was filed in the United States District Court for the District of Massachusetts against Ligand by the Trustees of Boston University and other former stakeholders of Seragen. The suit was subsequently transferred to federal district court in Delaware. The complaint alleged breach of contract, breach of the implied covenants of good faith and fair dealing and unfair and deceptive trade practices based on, among other things, allegations that Ligand wrongfully withheld approximately \$2.1 million in consideration due the plaintiffs under the Seragen acquisition agreement. This amount had been previously accrued for in the Company's consolidated financial statements in 1998. The complaint sought payment of the withheld consideration and treble damages. Ligand filed a motion to dismiss the unfair and deceptive trade practices claim. The Court subsequently granted Ligand's motion to dismiss the unfair and deceptive trade practices claim (i.e., the treble damages claim), in April 2003. In November 2003, the Court granted Boston University's motion for summary judgment, and entered judgment for Boston University. In January 2004, the district court issued an amended judgment awarding interest of approximately \$0.7 million to the plaintiffs in addition to the approximately \$2.1 million withheld. In January 2006, the appeals court affirmed the district court's ruling against Ligand. Additional interest on the above amounts of approximately \$0.1 million was accrued through January 2006 and was added to the judgment. The withheld amount including the interest was paid in February 2006.

The SEC instituted a formal investigation, which is ongoing, concerning the restatement of the Company's consolidated financial statements for the years ended 2002 and 2003 (including the 2003 and 2004 quarterly periods). Such restatement was completed in 2005. These matters were previously the subject of an informal SEC inquiry.

In addition, the Company is subject to various lawsuits and claims with respect to matters arising out of the normal course of business. Due to the uncertainty of the ultimate outcome of these matters, the impact on future financial results is not subject to reasonable estimates.

6. New Accounting Pronouncements

In November 2005, the FASB issued Staff Position (FSPs) Nos. FSPs 115-1 and 124-1, *The Meaning of Other-Than-Temporary Impairment and Its Application to Certain Investments*, in response to EITF 03-1, *The Meaning of Other-Than-Temporary Impairment and Its Application to Certain Investments* (EITF 03-1). FSPs 115-1 and 124-1 provide guidance regarding the determination as to when an investment is considered impaired, whether that impairment is other-than-temporary, and the measurement of an impairment loss. FSPs 115-1 and 124-1 also include accounting considerations subsequent to the recognition of an other-than-temporary impairment and requires certain disclosures about unrealized losses that have not been recognized as other-than temporary-impairments. These requirements are effective for annual reporting periods beginning after December 15, 2005. Adoption of the impairment guidance contained in FSPs 115-1 and 124-1 did not have a material impact on the Company's consolidated financial position or results of operations.

In November 2004, the FASB issued SFAS No. 151, *Inventory Pricing* (SFAS 151). SFAS 151 amends the guidance in ARB No. 43, Chapter 4, "Inventory Pricing," to clarify the accounting for abnormal amounts of idle facility expense, freight, handling costs, and wasted material (spoilage). This statement requires that those items be recognized as current-period charges. In addition, SFAS 151 requires that allocation of fixed production overheads to the costs of conversion be based on the normal capacity of the production facilities. This statement is effective for inventory costs incurred during fiscal years beginning after June 15, 2005. The adoption of SFAS No. 151 did not have a material impact on the Company's results of operations or financial position.

Table of Contents

In December 2004, the FASB issued SFAS No. 153, *Exchanges of Nonmonetary Assets*, to address the measurement of exchanges of nonmonetary assets. It eliminates the exception from fair value measurement for nonmonetary exchanges of similar productive assets in APB No. 29, *Accounting for Nonmonetary Transactions*, and replaces it with an exception for nonmonetary exchanges that do not have commercial substance. This statement specifies that a nonmonetary exchange has commercial substance if the future cash flows of the entity are expected to change significantly as a result of the exchange. This statement is effective for nonmonetary asset exchanges occurring in fiscal periods beginning after June 15, 2005. The adoption of SFAS No. 153 did not have a material impact on the Company's results of operations or financial position.

In May 2005, the FASB issued SFAS No. 154, *Accounting Changes and Error Corrections* (SFAS 154). SFAS 154 requires retrospective application to prior-period financial statements of changes in accounting principles, unless it is impracticable to determine either the period-specific effects or the cumulative effect of the change. SFAS 154 also redefines "restatement" as the revising of previously issued financial statements to reflect the correction of an error. This statement is effective for accounting changes and corrections of errors made in fiscal years beginning after December 15, 2005.

In February 2006, the FASB issued SFAS No. 155, *Accounting for Certain Hybrid Financial Instruments* (SFAS 155) which amends SFAS No. 133, *Accounting for Derivative Instruments and Hedging Activities* (SFAS 133) and SFAS 140, *Accounting or the Impairment or Disposal of Long-Lived Assets* (SFAS 140). Specifically, SFAS 155 amends SFAS 133 to permit fair value remeasurement for any hybrid financial instrument with an embedded derivative that otherwise would require bifurcation, provided the whole instrument is accounted for on a fair value basis. Additionally, SFAS 155 amends SFAS 140 to allow a qualifying special purpose entity to hold a derivative financial instrument that pertains to a beneficial interest other than another derivative financial instrument. SFAS 155 applies to all financial instruments acquired or issued after the beginning of an entity's first fiscal year that begins after September 15, 2006, with early application allowed. The adoption of SFAS 155 is not expected to have a material impact on the Company's results of operations or financial position.

In March 2006, the FASB issued SFAS No. 156, *Accounting for Servicing of Financial Assets* (SFAS 156) to simplify accounting for separately recognized servicing assets and servicing liabilities. SFAS 156 amends SFAS No. 140, *Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities*. Additionally, SFAS 156 applies to all separately recognized servicing assets and liabilities acquired or issued after the beginning of an entity's fiscal year that begins after September 15, 2006, although early adoption is permitted. The adoption of SFAS 156 is not expected to have a material impact on the Company's results of operations or financial position.

7. Commitments and Contingencies

Stockholders Agreement

In October 2005, a lawsuit was filed in the Court of Chancery in the State of Delaware by Third Point Offshore Fund, Ltd. requesting the Court to order Ligand to hold an annual meeting for the election of directors within 60 days of an order by the Court. Ligand's annual meeting had been delayed as a result of the previously announced restatement. The complaint sought payment of plaintiff's costs and attorney's fees. Ligand agreed on November 11, 2005 to settle this lawsuit and schedule the annual meeting for January 31, 2006. On December 2, 2005, Ligand and Third Point also entered into a stockholders agreement under which, among other things, Ligand agreed to expand its board from eight to eleven, elect three designees of Third Point to the new board seats and pay certain of Third Point's expenses, not to exceed approximately \$0.5 million. Of such amount, approximately 50% was expensed in the fourth quarter of 2005. Any additional payments will only be made if a definitive document arising out of or related to the Company's strategic evaluation process has not been executed by the Company on or before June 2, 2006. Third Point will not sell its Ligand shares, solicit proxies or take certain other stockholder actions for a minimum of six months (i.e. through June 2, 2006) and as long as its designees remain on the board.

8. Employee Retention Agreements

In March 2006, the Company entered into letter agreements with approximately 67 of its key employees, including a number of its executive officers. These letter agreements provide for certain retention or stay bonus

[Table of Contents](#)

payments in cash under specified circumstances as an additional incentive to remain employed in good standing with the Company. The Compensation Committee of the Board of Directors has approved the Company's entry into these agreements. The retention or stay bonus payments generally vest at the end of 2006 and total payments to employees of approximately \$2.7 million would be made in January 2007 if all participants qualify for the payments. In accordance with Statement of Financial Accounting Standard (SFAS) 146, *Accounting for Costs Associated with Exit or Disposal Activities*, the cost of the plan is ratably accrued over the term of the agreements, which is approximately 10 months. For the three months ended March 31, 2006, the Company recognized approximately \$0.3 million of expense under the plan. As an additional retention incentive, certain employees were also granted stock options totaling approximately 122,000 shares at an exercise price of \$11.90 per share.

9. Subsequent Event

In May 2006, after review of all preclinical and clinical data including recently completed two year animal safety studies, Lilly informed the Company that it had decided not to pursue further development at this time of LY818 (Naveglitazar), a compound in Phase II development for the treatment of Type II diabetes. Naveglitazar, a dual PPAR agonist was developed through the Company's collaborative research and development agreement with Lilly. This decision is specific with regard to Naveglitazar and does not affect the ongoing development activities of LY 674 or the status of preclinical PPAR agonists.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Caution: This discussion and analysis may contain predictions, estimates and other forward-looking statements that involve a number of risks and uncertainties, including those discussed in Part II. Item 1A. "Risk Factors." This outlook represents our current judgment on the future direction of our business. These statements include those related to our products, product sales and other revenues, expenses, our revenue recognition models and policies, material weaknesses or deficiencies in internal control over financial reporting, revenue recognition, the potential relisting of the Company's securities on NASDAQ, and our evaluation of strategic alternatives. Actual events or results may differ materially from Ligand's expectations. For example, there can be no assurance that our product sales efforts or recognized revenues or expenses will meet any expectations or follow any trend(s), that our internal control over financial reporting will be effective or produce reliable financial information on a timely basis, that we will be relisted on the NASDAQ on any given timeframe or at all, or that our strategic evaluation process will be successful or yield preferred results. We cannot assure you that the Company will be able to successfully remediate any identified material weakness or significant deficiencies, or that the sell-through revenue recognition models will not require adjustment and not result in a subsequent restatement. In addition, the Company's ongoing or future litigation (including private securities litigation and the SEC investigation) may have an adverse effect on the Company, and our corporate or partner pipeline products may not gain approval or success in the market. Such risks and uncertainties, and others, could cause actual results to differ materially from any future performance suggested. We undertake no obligation to release publicly the results of any revisions to these forward-looking statements to reflect events or circumstances arising after the date of this quarterly report. This caution is made under the safe harbor provisions of Section 21E of the Securities Exchange Act of 1934 as amended.

Our trademarks, trade names and service marks referenced herein include Ligand [®] AVINZA [®], ONTAK [®], Panretin [®] and Targretin [®]. Each other trademark, trade name or service mark appearing in this quarterly report belongs to its owner.

References to Ligand Pharmaceuticals Incorporated ("Ligand", the "Company", "we" or "our") include our wholly owned subsidiaries – Ligand Pharmaceuticals (Canada) Incorporated; Ligand Pharmaceuticals International, Inc.; Seragen, Inc. ("Seragen"); and Nexus Equity VI LLC ("Nexus").

Overview

We discover, develop and market drugs that address patients' critical unmet medical needs in the areas of cancer, pain, men's and women's health or hormone-related health issues, skin diseases, osteoporosis, blood disorders and metabolic, cardiovascular and inflammatory diseases. Our drug discovery and development programs are based on our proprietary gene transcription technology, primarily related to Intracellular Receptors, also known as IRs, a type of sensor or switch inside cells that turns genes on and off, and Signal Transducers and Activators of Transcription, also known as STATs, which are another type of gene switch.

We currently market five products in the United States: AVINZA, for the relief of chronic, moderate to severe pain; ONTAK, for the treatment of patients with persistent or recurrent cutaneous T-cell lymphoma (CTCL); Targretin capsules, for the treatment of CTCL in patients who are refractory to at least one prior systemic therapy; Targretin gel, for the topical treatment of cutaneous lesions in patients with early stage CTCL; and Panretin gel, for the treatment of Kaposi's sarcoma in AIDS patients. In Europe, we have marketing authorizations for Panretin [®] gel and Targretin capsules and are currently marketing these products under arrangements with local distributors. In April 2003, we withdrew our ONZARä (ONTAK in the U.S.) marketing authorization application in Europe for our first generation product. It was our assessment that the cost of the additional clinical and technical information requested by the European Agency for the Evaluation of Medicinal Products (EMA) for the first generation product would be better spent on acceleration of the second generation ONTAK formulation development. We expect to resubmit the ONZARä application with the second generation product in 2007.

Table of Contents

In February 2003, we entered into an agreement for the co-promotion of AVINZA with Organon Pharmaceuticals USA Inc. (Organon). Under the terms of the agreement, Organon committed to a specified minimum number of primary and secondary product calls delivered to certain high prescribing physicians and hospitals beginning in March 2003. Organon's compensation through 2005 was structured as a percentage of net sales, which paid Organon for their efforts and also provided Organon an economic incentive for performance and results. In exchange, we paid Organon a percentage of AVINZA net sales based on the following schedule:

<u>Annual Net Sales of AVINZA</u>	<u>% of Incremental Net Sales Paid to Organon by Ligand</u>
\$0-150 million	30% (0% for 2003)
\$150-300 million	40%
\$300-425 million	50%
> \$425 million	45%

In January 2006, we signed an agreement with Organon that terminated the AVINZA co-promotion agreement between the two companies and returns AVINZA rights to Ligand. The effective date of the termination agreement is January 1, 2006; however, the parties have agreed to continue to cooperate during a transition period ending September 30, 2006 (the "Transition Period") to promote the product. The Transition Period co-operation includes a minimum number of product sales calls per quarter (100,000 for Organon and 30,000 for Ligand with an aggregate of 375,000 and 90,000, respectively, for the Transition Period) as well as the transition of ongoing promotions, managed care contracts, clinical trials and key opinion leader relationships to Ligand. During the Transition Period, we will pay Organon an amount equal to 23% of AVINZA net sales as reported. We will also pay and be responsible for the design and execution of all AVINZA clinical, advertising and promotion expenses and activities.

As previously disclosed, Organon and Ligand were in discussions regarding the calculation of prior co-promote fees under the co-promotion agreements. Through the third quarter of 2005, such fees were determined based on net sales calculated under the sell-in method of revenue recognition. In connection with the termination of the co-promotion agreement, the companies resolved their disagreement concerning prior co-promote fees and we paid Organon \$14.75 million in January 2006. Resolution of this matter resulted in no material adjustment to amounts previously recorded in 2005 for co-promotion expenses.

Additionally, in consideration of the early termination and return of co-promotion rights under the terms of the agreement, we will unconditionally pay Organon \$37.75 million on or before October 15, 2006. We will further pay Organon \$10.0 million on or before January 15, 2007, provided that Organon has made its minimum required level of sales calls. Under certain conditions, including change of control, the cash payments will accelerate. In addition, after the termination, we will make quarterly payments to Organon equal to 6.5% of AVINZA net sales through December 31, 2012 and thereafter 6.0% through patent expiration, currently anticipated to be November 2017.

The unconditional payment of \$37.75 million to Organon and the estimated fair value of the amounts to be paid to Organon after the termination (\$98.5 million as of March 31, 2006), based on the net sales of the product (currently anticipated to be paid quarterly through November 2017) were recognized as liabilities and expensed as costs of the termination as of the effective date of the agreement, January 2006. Additionally, the conditional payment of \$10.0 million, which represents an approximation of the fair value of the service element of the agreement during the Transition Period (when the provision to pay 23% of AVINZA net sales is also considered), is being recognized ratably as additional co-promotion expense over the Transition Period. For the three months ended March 31, 2006, the pro-rata recognition of this element of co-promotion expense amounted to \$3.3 million.

Although the quarterly payments to Organon will be based on net reported AVINZA product sales, such payments will not result in current period expense in the period upon which the payment is based, but instead will be charged against the co-promote termination liability. The accretion to the current net present value for each reporting period will, however, be recognized as other, non-operating expense (interest expense) for that period at a rate of 15%, the discount rate used to initially value this component of the termination liability. Accreted interest

[Table of Contents](#)

expense for the three months ended March 31, 2006 totaled \$3.3 million. Additionally, any changes to our estimates of future net AVINZA product sales will result in a change to the liability which will be recognized as an increase or decrease to earnings in the period such changes are identified. Any such changes could be material and potentially result in adjustments to our consolidated statement of operations that are inconsistent with the underlying trend in net AVINZA product sales.

We are currently involved in the research phase of a research and development collaboration with TAP Pharmaceutical Products Inc. (or TAP). Collaborations in the development phase are being pursued by Eli Lilly and Company, GlaxoSmithKline, Organon, Pfizer, TAP, and Wyeth. We receive funding during the research phase of the arrangements and milestone and royalty payments as products are developed and marketed by our corporate partners. In addition, in connection with some of these collaborations, we received non-refundable up-front payments.

We have been unprofitable since our inception on an annual basis. We achieved quarterly net income of \$17.3 million during the fourth quarter of fiscal 2004, which was primarily the result of recognizing approximately \$31.3 million from the sale of royalty rights to Royalty Pharma. However, we have incurred a net loss in each of the subsequent quarters including the three months ended March 31, 2006, for which we incurred a net loss of \$142.2 million. We expect to incur net losses in the future. To be consistently profitable, we must successfully develop, clinically test, market and sell our products. Even if we consistently achieve profitability, we cannot predict the level of that profitability or whether we will be able to sustain profitability. We expect that our operating results will fluctuate from period to period as a result of differences in the timing of revenues earned from product sales, expenses incurred, collaborative arrangements and other sources. Some of these fluctuations may be significant.

Recent Developments

Accounting for Stock-Based Compensation

Effective January 1, 2006, we adopted SFAS 123 (revised 2004), *Share-Based Payment* (SFAS 123(R)), using the modified prospective transition method. No stock-based employee compensation cost was recognized prior to January 1, 2006, as all options granted prior to 2006 had an exercise price equal to the market value of the underlying common stock on the date of the grant. Under the modified prospective transition method, compensation cost recognized in 2006 includes: (a) compensation cost for all share-based payments granted prior to, but not yet vested as of January 1, 2006, based on the grant date fair value estimated in accordance with the original provisions of SFAS 123, and (b) compensation cost for all share-based payments granted in the first quarter 2006, based on grant-date fair value estimated in accordance with the provisions of SFAS 123(R). Results for the quarter ended March 31, 2005 have not been retrospectively adjusted. The implementation of SFAS 123(R) resulted in employee compensation expense of approximately \$0.6 million for the three months ended March 31, 2006.

Termination of Organon Co-promotion Agreement

As further discussed under "Overview" above, in January 2006, we signed an agreement with Organon that terminates the AVINZA co-promotion agreement between the two companies and returns AVINZA rights to Ligand.

Restructuring of AVINZA Sales Force

In January 2006, 18 Ligand sales representatives previously promoting AVINZA to primary care physicians were redeployed to call on pain specialists and all Ligand primary care territories were eliminated. In connection with this restructuring, 11 primary-care sales representatives were terminated. The AVINZA sales force restructuring was implemented to improve sales call coverage and effectiveness among high prescribing pain specialists.

Conversion of 6% Convertible Subordinated Notes

For the three months ended March 31, 2006, certain holders of our 6% convertible subordinated notes converted notes with a face value of \$26.1 million into approximately 4.2 million shares of common stock.

Table of Contents

Employee Retention Agreements

As of March 1, 2006, we entered into letter agreements with approximately 67 of our key employees, including a number of our executive officers. These letter agreements provide for certain retention or stay bonus payments to be paid in cash under specified circumstances as an additional incentive to remain employed in good standing with the Company. The Compensation Committee of the Board of Directors has approved the Company's entry into these agreements. The retention or stay bonus payments generally vest at the end of 2006 and total payments to employees of approximately \$2.7 million would be made in January 2007 if all participants qualify for the payments. In accordance with the Statement of Financial Accounting Standard (SFAS) 146, *Accounting for Costs Associated with Exit or Disposal Activities*, the cost of the plan is ratably accrued over the term of the agreements, which is approximately 10 months. For the three months ended March 31, 2006, the Company recognized approximately \$0.3 million of expense under the plan. As an additional retention incentive, certain employees were also granted stock options totaling approximately 122,000 shares at an exercise price of \$11.90 per share.

LY818 (Naveglitazar)

In May 2006, after review of all preclinical and clinical data including recently completed two year animal safety studies, Lilly informed us that it had decided not to pursue further development at this time of LY818 (Naveglitazar), a compound in Phase II development for the treatment of Type II diabetes. Naveglitazar, a dual PPAR agonist was developed through our collaborative research and development agreement with Lilly. This decision is specific with regard to Naveglitazar and does not affect the ongoing development activities of LY 674 or the status of preclinical PPAR agonists.

Results of Operations

Total revenues for the three months ended March 31, 2006 were \$51.0 million compared to \$37.0 million for the same 2005 period. Loss from operations was \$137.1 million for the three months ended March 31, 2006 compared to \$15.8 million for the same 2005 period. Net loss for the three months ended March 31, 2006 was \$142.2 million (\$1.84 per share) compared to \$18.5 million (\$0.25 per share) for the same 2005 period.

Product Sales

Our product sales for any individual period can be influenced by a number of factors including changes in demand for a particular product, competitive products, the timing of announced price increases, and the level of prescriptions subject to rebates and chargebacks.

According to IMS data, quarterly prescription market share of AVINZA for the three months ended March 31, 2006 was 4.0% compared to 4.4% for the fourth quarter of 2005 and the same 2005 period. We expect that AVINZA prescription market share for the remainder of 2006 will reflect modest, if any, overall share growth in 2006 as market share increases in the commercial retail sector are increasingly offset by declines in the Medicaid segment as marginal Medicaid contracts are terminated. Quarter to quarter declines in prescriptions and overall market share, however, may result from more rapid declines in the Medicaid segment relative to increases in the commercial retail sector.

We also expect that demand for and sales of ONTAK will be positively impacted as further data is obtained from ongoing expanded-use clinical trials and the initiation of new expanded-use trials. The level and timing of any such increases, however, are influenced by a number of factors outside our control, including the accrual of patients and overall progress of clinical trials that are managed by third parties. We also expect that sales of ONTAK will continue to benefit in 2006 from improving reimbursement rates under certain government reimbursement programs.

Excluding AVINZA, our products are small-volume specialty pharmaceutical products that address the needs of cancer patients in relatively small niche markets with substantial geographical fluctuations in demand. To ensure patient access to our drugs, we maintain broad distribution capabilities with inventories held at approximately 130 locations throughout the United States. The purchasing and stocking patterns of our wholesaler customers for all our products are influenced by a number of factors that vary from product to product. These factors include, but are not

Table of Contents

limited to, overall level of demand, periodic promotions, required minimum shipping quantities and wholesaler competitive initiatives. If any or all of our major wholesalers decide to reduce the inventory they carry in a given period (subject to the terms of our wholesaler fee-for-service agreements), our shipments and cash flow for that period could be substantially lower than historical levels.

Certain of our products are included on the formularies (or lists of approved and reimbursable drugs) of many states' health care plans, as well as the formulary for certain Federal government agencies. In order to be placed on these formularies, we generally sign contracts which provide discounts to the purchaser off the then-current list price and limit how much of an annual price increase we can implement on sales to these groups. As a result, the discounts off list price for these groups can be significant for products where we have implemented list price increases. We monitor the portion of our sales subject to these discounts, and accrue for the cost of these discounts at the time of the recognition of product sales. We believe that by being included on these formularies, we will gain better physician acceptance, which will then result in greater overall usage of our products. If the relative percentage of our sales subject to these discounts increases materially in any period, our sales and gross margin could be substantially lower than historical levels.

Net Product Sales

Our domestic net product sales for AVINZA, ONTAK, Targretin capsules and Targretin gel are determined on a sell-through basis less allowances for rebates, chargebacks, discounts, and losses to be incurred on returns from wholesalers resulting from increases in the selling price of our products. We recognize revenue for Panretin upon shipment to wholesalers as our wholesaler customers only stock minimal amounts of Panretin, if any. As such, wholesaler orders are considered to approximate end-customer demand for the product. Revenues from sales of Panretin are net of allowances for rebates, chargebacks, returns and discounts. For international shipments of our product, revenue is recognized upon shipment to our third-party international distributors. In addition, we incur certain distributor service agreement fees related to the management of our product by wholesalers. These fees have been recorded within net product sales. For ONTAK, we also have established reserves for returns from end customers (i.e. other than wholesalers) after sell-through revenue recognition has occurred.

A summary of the revenue recognition policy used for each of our products and the expiration of the underlying patents for each product is as follows:

	<u>Method</u>	<u>Revenue Recognition Event</u>	<u>Patent Expiration</u>
AVINZA	Sell-through	Prescriptions	November 2017
ONTAK	Sell-through	Wholesaler out-movement	December 2014
Targretin capsules	Sell-through	Wholesaler out-movement	October 2016
Targretin gel	Sell-through	Wholesaler out-movement	October 2016
Panretin	Sell-in	Shipment to wholesaler	August 2016
International	Sell-in	Shipment to international distributor	February 2011 through April 2013

For the three months ended March 31, 2006 and 2005, net product sales recognized under the sell-through method represented 96% of total net product sales for both periods.

Our total net product sales for the three months ended March 31, 2006 were \$48.0 million compared to \$35.0 million for the same 2005 period. A comparison of sales by product is as follows (in thousands):

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
AVINZA	\$ 32,495	\$ 21,997
ONTAK	9,182	8,024
Targretin capsules	5,002	4,015
Targretin gel and Panretin gel	1,305	1,009
Total product sales	\$ 47,984	\$ 35,045

Table of Contents

AVINZA

Sales of AVINZA were \$32.5 million for the three months ended March 31, 2006 compared to \$22.0 million for the same 2005 period. The increase in sales in the 2006 period reflects a 4.7% increase in prescriptions and the impact of a 7% price increase effective April 1, 2005, as well as a shift in the mix of prescriptions to the higher doses of AVINZA. Net AVINZA sales in the 2006 period also reflect a reduction in Medicaid rebates of approximately \$2.5 million partially offset by an increase in managed care rebates of approximately \$1.4 million, under contracts with pharmacy benefit manager (PBMs), group purchasing organizations (GPOs) and health maintenance organizations (HMOs). In addition, the 2005 period reflects a \$3.5 million reduction in sales for losses expected to be incurred on product returns resulting from the AVINZA price increase, effective April 1, 2005.

Any changes to our estimates for Medicaid prescription activity or prescriptions written under our managed care contracts may have an impact on our rebate liability and a corresponding impact on AVINZA net product sales. For example, a 20% variance to our estimated Medicaid and managed care contract rebate accruals for AVINZA as of March 31, 2006 could result in adjustments to our Medicaid and managed care contract rebate accruals and net product sales of approximately \$0.5 million and \$0.8 million, respectively.

ONTAK

Sales of ONTAK were \$9.2 million for the three months ended March 31, 2006 compared to \$8.0 million for the same 2005 period. ONTAK sales for the 2006 period were positively impacted by a 7% price increase effective January 1, 2005 and the impact of a 4% price increase effective July 1, 2005. Under the sell-through revenue recognition method, price increases do not impact net product sales until the product sells through the distribution channel; therefore the January 2005 increase had no effect on net product sales recognized for the three months ended March 31, 2005.

ONTAK revenues for the 2006 period compared to the prior year period were negatively impacted by a 6% decrease in wholesaler out-movement due primarily to a decline in the office segment of the market, which was impacted by negative changes in the Centers for Medicare and Medicaid Services reimbursement rates. Wholesaler out-movement increased, however, by 10% in the first quarter of 2006 compared to the fourth quarter of 2005 due to an improvement in the hospital segment of the market. We continue to study and evaluate changes to the Centers for Medicare and Medicaid Services reimbursement rates and expect more favorable reimbursement rates in 2006 compared to 2005.

Targretin capsules

Sales of Targretin capsules were \$5.0 million for the three months ended March 31, 2006 compared to \$4.0 million for the same 2005 period. This increase reflects the effect of a 7% price increase effective January 1, 2005 and a 5% price increase effective July 1, 2005. Under the sell-through revenue recognition method, price increases do not impact net product sales until the product sells-through the distribution channel; therefore the January 2005 increase had no impact on net sales for the three months ended March 31, 2005. Targretin capsules sales for the three months ended March 31, 2006 also benefited from a 49% increase in unit sales in Europe compared to the prior year period.

In June 2004, the Centers for Medicare and Medicaid Services (CMS) announced formal implementation of the Section 641 Demonstration Program under the Medicare Modernization Act of 2003 including reimbursement under Medicare for Targretin for patients with T-cell lymphoma (CTCL). As a result, we continue to expect improved patient access for Targretin in 2006.

Collaborative Research and Development and Other Revenue

Collaborative research and development and other revenues for the three months ended March 31, 2006 were \$3.0 million compared to \$1.9 million for the same 2005 period. Collaborative research and development and other revenues include reimbursement for ongoing research activities, earned development milestones, and recognition of prior years' up-front fees previously deferred in accordance with *Staff Accounting Bulletin (SAB) No. 101* –

Table of Contents

“Revenue Recognition”, as amended by SAB 104. Revenue from distribution agreements includes recognition of up-front fees collected upon contract signing and deferred over the life of the distribution arrangement and milestones achieved under such agreements.

A comparison of collaborative research and development and other revenues is as follows (in thousands):

	Three Months Ended March 31,	
	2006	2005
Collaborative research and development	\$ 894	\$ 862
Development milestones and other	2,078	1,078
	<u>\$ 2,972</u>	<u>\$ 1,940</u>

Development milestones and other. Development milestones for the 2006 period reflect a milestone of \$2.0 million earned from GlaxoSmithKline in connection with the commencement of Phase III studies of eltrombopag. This compares to a \$1.0 million milestone earned from GlaxoSmithKline in the 2005 period in connection with the commencement of Phase II studies of eltrombopag.

Gross Margin

Gross margin on product sales was 79.7% for the three months ended March 31, 2006 compared to 68.4% for the same 2005 period. Gross margin for the three months ended March 31, 2006 compared to the same 2005 period was positively impacted by a 7% AVINZA price increase effective April 1, 2005; a 7% price increase for our oncology products effective January 1, 2005; and a 4% and 5% price increase for ONTAK and Targretin, respectively, effective July 1, 2005. Under the sell-through revenue recognition method, changes to prices do not impact net product sales and therefore gross margins until the product sells through the distribution channel. Accordingly, the price increases did not have an effect on the margins for the three months ended March 31, 2005.

The increase in the gross margin percentage for the three months ended March 31, 2006 also reflects lower Medicaid rebates of approximately \$2.5 million partially offset by an increase in managed care rebates of approximately \$1.4 million, under contracts with PBMs, GPOs, and HMOs. In addition, the 2005 period reflects a \$3.5 million reduction in sales for losses expected to be incurred on product returns resulting from the AVINZA price increase, effective April 1, 2005.

The margin for the three months ended March 31, 2006 compared to the prior year period also benefited from the increase in sales of AVINZA. AVINZA represented 67.7% of net product sales for the three months ended 2006 compared to 62.8% for the same 2005 period. For both AVINZA and ONTAK, we have capitalized license, royalty and technology rights recorded in connection with the acquisition of the rights to those products and accordingly, margins improve as sales of these products increase and there is greater coverage of the fixed amortization of the intangible assets. AVINZA cost of product sold includes the amortization of license and royalty rights capitalized in connection with the restructuring of our AVINZA license and supply agreement in November 2002. The total amount of AVINZA capitalized license and royalty rights, \$114.4 million, is being amortized to cost of product sold on a straight-line basis over 15 years. The total amount of ONTAK acquired technology, \$45.3 million, is also amortized to cost of product sold on a straight-line basis over 15 years. ONTAK margins were also positively impacted during the three months ended March 31, 2006 by lower royalty expense as a result of the restructuring of the Company’s royalty obligation to Lilly. Although there was no royalty owed to Lilly for the three months ended March 31, 2005, cost of sales for that period reflects the recognition of deferred royalty expense of approximately \$1.5 million, for royalties previously paid to Lilly. Under the sell-through revenue recognition method, royalties paid based on shipments to wholesalers are deferred and recognized as the related product sales are recognized. The amount paid to restructure the ONTAK royalty (\$33.0 million) is being amortized through 2014, the remaining life of the underlying patent, using the greater of the straight-line method or the expense determined based on the tiered royalty schedule set forth in the restructuring agreement.

In accordance with SFAS 142, “Goodwill and Other Intangibles” (“SFAS 142”), for both AVINZA and ONTAK, capitalized license and technology rights are amortized on a straight-line basis since the pattern in which

[Table of Contents](#)

the economic benefits of the assets are consumed (or otherwise used up) cannot be reliably determined. At March 31, 2006, acquired technology, products rights and royalty buy-down, net totaled \$143.3 million.

Overall, given the fixed level of amortization of the capitalized license, royalty and technology rights, we expect the overall gross margin percentage to increase as sales of AVINZA and ONTAK increase.

Research and Development Expenses

Research and development expenses were \$12.2 million for the three months ended March 31, 2006 compared to \$14.7 million for the same 2005 period. The major components of research and development expenses are as follows (in thousands):

	Three Months Ended	
	March 31,	
	2006	2005
Research		
Research performed under collaboration agreements	\$ 924	\$ 982
Internal research programs	<u>4,735</u>	<u>4,977</u>
Total research	<u>5,659</u>	<u>5,959</u>
Development		
New product development	4,231	6,096
Existing product support (1)	<u>2,328</u>	<u>2,680</u>
Total development	<u>6,559</u>	<u>8,776</u>
Total research and development	<u>\$ 12,218</u>	<u>\$ 14,735</u>

(1) Includes costs incurred to comply with post-marketing regulatory commitments.

Spending for research expenses was \$5.7 million for the three months ended March 31, 2006 compared to \$6.0 million for the same 2005 period. The decrease in internal research program expenses for the three months ended March 31, 2006 compared to the same 2005 period reflects decreased research expenses across several research programs.

Spending for development expenses decreased to \$6.6 million for the three months ended March 31, 2006 compared to \$8.8 million for the same 2005 period reflecting a lower level of expense for both new product development and existing product support. The decrease in expenses for new product development is due primarily to a reduced level of spending on Phase III clinical trials for Targretin capsules in NSCLC. In March 2005, we announced that the final data analysis for Targretin capsules in NSCLC showed that the trials did not meet their endpoints of improved overall survival and projected two-year survival. A retrospective analysis of the data showed that a subset (36%) of patients receiving Targretin that developed high triglycerideemia had significantly better survival. We are continuing to analyze the data and apply it to the continued development of Targretin in NSCLC. This decrease was partially offset by an increase in thrombopoietin (TPO) expenses as our lead drug candidate in that area was moved to IND track. The decrease in existing product support in 2006 compared to 2005 is primarily due to lower expenses for Targretin capsules and ONTAK post-marketing regulatory studies.

Table of Contents

A summary of our significant internal research and development programs is as follows:

<u>Program</u>	<u>Disease/Indication</u>	<u>Development Phase</u>
AVINZA	Chronic, moderate-to-severe pain	Marketed in U.S. Phase IV
ONTAK	CTCL Chronic lymphocytic leukemia Peripheral T-cell lymphoma B-cell Non-Hodgkin's lymphoma NSCLC third line	Marketed in U.S., Phase IV Phase II Phase II Phase II Phase II
Targretin capsules	CTCL NSCLC first-line NSCLC monotherapy NSCLC second/third line Advanced breast cancer Renal cell cancer	Marketed in U.S. and Europe Phase III Planned Phase II/III Planned Phase II/III Phase II Phase II
Targretin gel	CTCL Hand dermatitis (eczema) Psoriasis	Marketed in U.S. Planned Phase II/III Phase II
LGD4665 (Thrombopoietin oral mimic)	Idiopathic Thrombocytopenia (TCP), other TCPs	IND Track
LGD5552 (Glucocorticoid agonists)	Inflammation, cancer	IND Track
Selective androgen receptor modulators, e.g., LGD3303 (agonist/antagonist)	Male hypogonadism, female & male osteoporosis, male & female sexual dysfunction, frailty. Prostate cancer, hirsutism, acne, androgenetic alopecia.	Pre-clinical

We do not provide forward-looking estimates of costs and time to complete our ongoing research and development projects, as such estimates would involve a high degree of uncertainty. Uncertainties include our ability to predict the outcome of complex research, our ability to predict the results of clinical studies, regulatory requirements placed upon us by regulatory authorities such as the FDA and EMEA, our ability to predict the decisions of our collaborative partners, our ability to fund research and development programs, competition from other entities of which we may become aware in future periods, predictions of market potential from products that may be derived from our research and development efforts, and our ability to recruit and retain personnel or third-party research organizations with the necessary knowledge and skills to perform certain research. Refer to "Risk Factors" below for additional discussion of the uncertainties surrounding our research and development initiatives.

Selling, General and Administrative Expense

Selling, general and administrative expense was \$22.2 million for the three months ended March 31, 2006 compared to \$19.2 million for the same 2005 period. The increase for the three months ended March 31, 2006 is due to higher audit and consultant fees in connection with the completion of the Company's assessment of internal controls as of December 31, 2005 under the Sarbanes-Oxley Act. A significant portion of the Company's 2005 assessment of internal controls was performed in 2006 due to the fact that the restatement of our financial statements was not completed until late 2005. General and administrative expenses were also higher for the three months ended March 31, 2006, due to legal costs incurred in connection with the ongoing SEC investigation, shareholder litigation and our strategic alternatives process. In addition, AVINZA advertising and promotion expenses increased in the three months ended March 31, 2006 compared to the prior year period when Ligand and Organon shared equally all AVINZA promotion expenses. As part of the AVINZA termination and return of rights agreement entered into in January 2006, discussed under "Overview" above, we are now responsible for all AVINZA advertising and

Table of Contents

promotion expenses. This increase was partially offset by lower selling and marketing expenses due to the reduction in our AVINZA primary care sales force as discussed under “Recent Developments” above and lower advertising and promotion expenses for our Oncology products compared to the prior year period.

We expect selling, general and administrative expenses to continue to be higher in 2006 compared to the prior year due to the ongoing cost of compliance with the Sarbanes-Oxley Act, legal expenses in connection with the SEC investigation, stockholder litigation, and strategic alternatives process and the expected expenses to be recognized in connection with the employee retention agreements discussed under “Recent Developments” above. These increases are expected to be partially offset by lower sales force expenses as a result of the reduction in our AVINZA primary care sales force.

Co-promotion Expense

Co-promotion expense due Organon amounted to \$11.0 million for the three months ended March 31, 2006 compared to \$7.7 million for the same 2005 period. As discussed under “Overview” above, in connection with the AVINZA termination and return of co-promote rights agreement with Organon, we agreed to pay Organon 23% of net AVINZA product sales through September 30, 2006 as compensation for promotion of the product during the Transition Period. This compares to co-promote expense in the prior year period which was based on 30% of net sales, as per the original co-promotion agreement, determined using the sell-in method of revenue recognition. As sell-in revenues for the three months ended March 31, 2005 were higher than sell-through revenues, co-promotion expense as a percentage of reported AVINZA net sales was higher than the contracted rate.

Co-promotion expense for the three months ended March 31, 2006 also includes \$3.3 million which represents the pro-rata share of a \$10.0 million payment we agreed to make to Organon in January 2007, provided that Organon has made its required level of sales calls during the Transition Period. This payment represents an approximation of the fair value of the service element under the agreement during the Transition Period (when the provision to pay 23% of AVINZA net sales is also considered) and, therefore, is recognized as an additional component of co-promotion expense ratably over the Transition Period.

Co-promote Termination Charges

As discussed above under “Overview”, we entered into a termination and return of AVINZA rights agreement with Organon in January 2006. Co-promote termination charges represent the cost associated with the termination agreement totaling \$132.9 million, and is comprised of a \$37.75 million payment we agreed to make to Organon in October 2006 and the fair value of subsequent quarterly payments, estimated at approximately \$95.2 million as of January 1, 2006, that we will make to Organon based on net product sales of AVINZA, through November 2017. The co-promote termination liability as of March 31, 2006 also includes approximately \$3.3 million of accretion expense to reflect the net present value of the liability as of that date which is included in interest expense.

Liquidity and Capital Resources

We have financed our operations through private and public offerings of our equity securities, collaborative research and development and other revenues, issuance of convertible notes, product sales, capital and operating lease transactions, accounts receivable factoring and equipment financing arrangements, and investment income.

Working capital was a deficit of \$143.7 million at March 31, 2006 compared to a deficit of \$102.2 million at December 31, 2005. Cash, cash equivalents, short-term investments and restricted investments totaled \$69.5 million at March 31, 2006 compared to \$88.8 million at December 31, 2005. We primarily invest our cash in United States government and investment grade corporate debt securities. Restricted investments consist of certificates of deposit held with a financial institution as collateral under equipment financing and third-party service provider arrangements.

Table of Contents

Operating Activities

Operating activities used cash of \$20.0 million for the three months ended March 31, 2006 compared to \$2.6 million for the same 2005 period. The higher use of cash for the 2006 period reflects the changes in operating assets and liabilities, primarily due to decreases in accounts payable and accrued liabilities of \$14.9 million and deferred revenues net of \$6.6 million, partially offset by decreases in inventories, net of \$1.5 million and accounts receivable, net of \$0.9 million. As further discussed below, the reconciliation of net loss to net cash used in operating activities for the three months ended March 31, 2006 compared to the prior year period also reflects the accrual of the AVINZA co-promote termination liability due Organon of \$136.2 million in connection with the termination and return of rights agreement entered into in January 2006. For the same 2005 period, use of operating cash was impacted by the changes in operating assets and liabilities primarily due to decreases in accounts receivables, net of \$12.5 million partially offset by an increase in inventories, net of \$1.1 million and a decrease in accounts payable and accrued liabilities of \$1.0 million.

In connection with the termination of the co-promotion agreement, we will pay Organon \$37.75 million on or before October 15, 2006 and \$10.0 million on or before January 15, 2007, provided that Organon has made its minimum required level of sales calls. Additionally, we agreed to pay Organon 23% of AVINZA net sales for co-promotion activities through September 30, 2006 (the Transition Period), and 6.5% of AVINZA net sales through December 31, 2012 and thereafter, 6.0% of AVINZA net sales through November 2017 (patent expiration).

Investing Activities

Investing activities provided cash of \$3.0 million for the three months ended March 31, 2006 compared to the use of cash of \$39.6 million for the same 2005 period. Cash provided for the three months ended March 31, 2006 primarily reflects proceeds of \$3.2 million for the sales of short-term investments net of purchases of short-term investments. The use of cash for the three months ended March 31, 2005 reflects a \$20.0 payment for the buy-down of ONTAK royalty payments in connection with the amended royalty agreement entered into in November 2004 between the Company and Lilly, \$18.5 million of net purchases of short-term investments, and a \$0.6 million capitalized payment to The Salk Institute for the exercise of an option to buy out royalty payments due on future sales of lasofoxifene for a second indication.

Financing Activities

Financing activities provided cash of \$0.04 million for the three months ended March 31, 2006 compared to \$0.8 million for the same 2005 period. Cash provided by financing activities for the three months ended March 31, 2006 includes proceeds from the exercise of employee stock options of \$0.5 million and net payments under equipment financing arrangements of \$0.3 million. Cash provided by financing activities for the three months ended March 31, 2005 includes proceeds from the exercise of employee stock options and purchases under the Company's employee stock purchase plan and net proceeds from equipment financing arrangements of \$0.8 million and \$0.2 million, respectively.

Certain of our property and equipment is pledged as collateral under various equipment financing arrangements. As of March 31, 2006, \$5.5 million was outstanding under such arrangements with \$2.3 million classified as current. Our equipment financing arrangements have terms of three to four years with interest ranging from 4.73% to 9.64%.

We believe our available cash, cash equivalents, short-term investments and existing sources of funding will be sufficient to satisfy our anticipated operating and capital requirements through at least the next 12 months. Our future operating and capital requirements will depend on many factors, including: the effectiveness of our commercial activities during the transition period of our AVINZA co-promotion agreement with Organon, which will conclude on September 30, 2006, the pace of scientific progress in our research and development programs; the magnitude of these programs; the scope and results of preclinical testing and clinical trials; the time and costs involved in obtaining regulatory approvals; the costs involved in preparing, filing, prosecuting, maintaining and enforcing patent claims; competing technological and market developments; the efforts of our collaborators; and the cost of production. We will also consider additional equipment financing arrangements similar to arrangements currently in place.

Table of Contents

Leases and Off-Balance Sheet Arrangements

We lease certain of our office and research facilities under operating lease arrangements with varying terms through July 2015. The agreements provide for increases in annual rents based on changes in the Consumer Price Index or fixed percentage increases ranging from 3% to 7%.

As of March 31, 2006, we are not involved in any off-balance sheet arrangements.

Contractual Obligations

As of March 31, 2006, future minimum payments due under our contractual obligations are as follows (in thousands):

	Payments Due by Period				
	Total	Less than 1 year	1-3 years	3-5 years	After 5 years
Capital lease obligations (1)	\$ 6,186	\$ 2,663	\$ 3,310	\$ 213	\$ ³ / ₄
Operating lease obligations	20,207	2,889	3,804	3,833	9,681
Loan payable to bank (2)	13,702	1,191	12,511	³ / ₄	³ / ₄
6% Convertible Subordinated Notes (3)	141,979	7,749	134,230	³ / ₄	³ / ₄
Organon termination liability(4)(5)	276,069	43,252	27,039	37,600	168,178
Other liabilities (6)	617	104	211	211	91
Retention bonus obligation	2,430	2,430	³ / ₄	³ / ₄	³ / ₄
Distribution service agreements	2,882	2,882	³ / ₄	³ / ₄	³ / ₄
Consulting agreements	1,597	1,597	³ / ₄	³ / ₄	³ / ₄
Manufacturing agreements	9,235	9,235	³ / ₄	³ / ₄	³ / ₄
Total contractual obligations	\$474,904	\$ 73,992	\$181,105	\$41,857	\$ 177,950

(1) Includes interest payments as follows	\$ 636	\$ 366	\$ 264	\$ 6	\$ ³ / ₄
(2) Includes interest payments as follows	1,950	841	1,109	³ / ₄	³ / ₄
(3) Includes interest payments as follows	12,829	7,749	5,080	³ / ₄	³ / ₄
(4) Includes accretion of interest as follows	139,827	719	7,331	16,569	115,208
(5) Includes \$37,750 payment due Organon on or before October 15, 2006.					
(6) Includes a liability under a royalty financing agreement.					

As of March 31, 2006, we have net open purchase orders (defined as total open purchase orders at quarter end less any accruals or invoices charged to or amounts paid against such purchase orders) totaling approximately \$18.2 million. In the next 12 months, we also plan to spend approximately \$3.2 million on capital expenditures.

In January 2006, we signed an agreement with Organon that terminated the AVINZA co-promotion agreement between the two companies and returned AVINZA co-promotion rights to Ligand. In connection with this agreement, we will pay Organon \$37.75 million on or before October 15, 2006 and \$10.0 million on or before January 15, 2007, provided that Organon has made its minimum required level of sales calls. After termination, we will make quarterly royalty payments to Organon equal to 6.5% of AVINZA net sales through December 31, 2012 and thereafter 6.0% through patent expiration, currently anticipated to be November 2017.

As of March 1, 2006, we entered into letter agreements with approximately 67 of our key employees, including a number of our executive officers. These letter agreements provide for certain retention or stay bonus payments to be paid in cash under specified circumstances as an additional incentive to remain employed in good standing with the Company. The Compensation Committee of the Board of Directors has approved the Company's entry into these Agreements. The retention or stay bonus payments generally vest at the end of 2006 and total payments to employees of approximately \$2.7 million would be made in January 2007 if all participants qualify for the payments. In accordance with the Statement of Financial Accounting Standard (SFAS) 146, *Accounting for Costs Associated*

[Table of Contents](#)

with *Exit or Disposal Activities*, the cost of the plan is ratably accrued over the term of the agreements, which is approximately 10 months. For the three months ended March 31, 2006, the Company recognized approximately \$0.3 million of expense under the plan. As an additional retention incentive, certain employees were also granted stock options totaling approximately 122,000 shares at an exercise price of \$11.90 per share.

In May 2006, Ligand and Cardinal Health PTS, LLC (“Cardinal”) entered into the First Amendment to the Manufacturing and Packaging Agreement for the manufacturing of AVINZA. The amendment principally adjusted certain contract dates, near-term minimum commitments and contract prices. Under the terms of the amended agreement, we committed to minimum annual purchases ranging from \$0.8 million to \$1.2 million for 2006; \$2.2 million to \$3.3 million for 2007; and \$2.4 million to \$3.6 million for 2008 through 2010.

Critical Accounting Policies

Certain of our accounting policies require the application of management judgment in making estimates and assumptions that affect the amounts reported in the consolidated financial statements and disclosures made in the accompanying notes. Those estimates and assumptions are based on historical experience and various other factors deemed to be applicable and reasonable under the circumstances. The use of judgment in determining such estimates and assumptions is by nature, subject to a degree of uncertainty. Accordingly, actual results could differ from the estimates made. Management believes that the only material changes during the quarter ended March 31, 2006 to the critical accounting policies reported in the Management’s Discussion and Analysis section of our 2005 Annual Report are related to 1) our accounting for the termination and return of the AVINZA co-promotion rights entered into with Organon in January 2006 and 2) our accounting for stock-based compensation.

Co-Promote Termination Accounting

As part of the agreement, we will unconditionally pay Organon \$37.75 million on or before October 15, 2006, and after the termination, we will make quarterly payments to Organon equal to 6.5% of AVINZA net sales through December 31, 2012 and thereafter 6% through patent expiration, currently anticipated to be November of 2017. The unconditional payment of \$37.75 million to Organon and the estimated fair value of the amounts to be paid to Organon after the termination (\$98.5 million as of March 31, 2006), based on the net sales of the product (currently anticipated to be paid quarterly through November 2017) were recognized as liabilities and expensed as costs of the termination as of the effective date of the agreement, January 2006.

Although the quarterly payments to Organon will be based on net reported AVINZA product sales, such payments will not result in current period expense in the period upon which the payment is based, but instead will be charged against the co-promote termination liability. Any changes to our estimates of future net AVINZA product sales, however, will result in a change to the liability which will be recognized as an increase or decrease to earnings in the period such changes are identified. Additionally, we recognize the accretion of interest expense each period to reflect the current net present value of the termination liability. On a quarterly basis, management reviews the carrying value of the co-promote termination liability. Due to assumptions and judgments inherent in determining the estimates of future net AVINZA sales through November 2017, the actual amount of net AVINZA sales used to determine the current fair value of our co-promote termination liability, may be materially different from our current estimates. In addition, because of the inherent difficulties of predicting possible changes to the estimates and assumptions used to determine the estimate of future AVINZA product sales, we are unable to quantify an estimate of the reasonably likely effect of any such changes on our results of operations or financial position.

Stock-Based Compensation

Effective January 1, 2006, our accounting policy related to stock option accounting changed upon our adoption of Statement of Financial Accounting Standards (“SFAS”) No. 123(R), “Share-Based Payment.” SFAS 123(R) requires us to expense the fair value of employee stock options and other forms of stock-based compensation. Under the fair value recognition provisions of SFAS 123(R), stock-based compensation cost is estimated at the grant date based on the value of the award and is recognized as expense ratably over the service period of the award. Determining the appropriate fair value model and calculating the fair value of stock-based awards requires judgment, including estimating stock price volatility, the risk-free interest rate, forfeiture rates and the expected life of the

[Table of Contents](#)

equity instrument. Expected volatility utilized in the model is based on the historical volatility of the Company's stock price and other factors. The risk-free interest rate is derived from the U.S. Treasury yield in effect at the time of the grant. The model incorporates forfeiture assumptions based on an analysis of historical data. The expected life of the 2006 grants is derived in accordance with the safe harbor expected term assumptions under Staff Accounting Bulletin No. 107. For the three-months ended March 31, 2006, we recorded \$0.6 million of stock-based compensation for awards granted to employees and non-employee directors.

Prior to January 1, 2006, we accounted for options granted to employees in accordance with Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees," and related interpretations and followed the disclosure requirements of SFAS No. 123, "Accounting for Stock-Based Compensation." Therefore, prior to the first quarter of 2006, we did not record any compensation cost related to stock-based awards, as all options granted prior to 2006 had an exercise price equal to the market value of the underlying common stock on the date of grant. Periods prior to our first quarter of 2006 were not restated to reflect the fair value method of expensing stock options. The impact of expensing stock awards on our earnings may be significant and is further described in Note 1 to the notes to the unaudited condensed consolidated financial statements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

At March 31, 2006, our investment portfolio included fixed-income securities of \$16.8 million. These securities are subject to interest rate risk and will decline in value if interest rates increase. However, due to the short duration of our investment portfolio, an immediate 10% change in interest rates would have no material impact on our financial condition, results of operations or cash flows. At March 31, 2006, we also have certain equipment financing arrangements with variable rates of interest. Due to the relative insignificance of such arrangements, however, an immediate 10% change in interest rates would have no material impact on our financial condition, results of operations, or cash flows. Declines in interest rates over time will, however, reduce our interest income, while increases in interest rates over time will increase our interest expense.

We do not have a significant level of transactions denominated in currencies other than U.S. dollars and as a result we have limited foreign currency exchange rate risk. The effect of an immediate 10% change in foreign exchange rates would have no material impact on our financial condition, results of operations or cash flows.

ITEM 4. CONTROLS AND PROCEDURES

a) Evaluation of disclosure controls and procedures.

The Company is required to maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in its reports under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to management, including the Company's Chief Executive Officer (CEO) and Chief Financial Officer (CFO) as appropriate, to allow timely decisions regarding required disclosure.

In connection with the preparation of the Form 10-Q for the period ended March 31, 2006, management, under the supervision of the CEO and CFO, conducted an evaluation of disclosure controls and procedures. Based on that evaluation, the CEO and CFO concluded that the Company's disclosure controls and procedures were not effective as of March 31, 2006 due to the material weaknesses described in the Company's management report on internal control over financial reporting included in Item 9A to its Annual Report on Form 10-K for the year ended December 31, 2005, as filed on March 31, 2006 and described below. As of March 31, 2006, the material weaknesses identified in the 2005 Form 10-K have not been fully remediated. Additionally, since the material weaknesses described below have not been fully remediated, the CEO and CFO conclude that the Company's disclosure controls and procedures are not effective at a reasonable assurance level as of the end of the fiscal quarter and as of the filing date of the Form 10-Q.

As of March 31, 2006, management identified the continued existence of the following material weaknesses, which were identified in our 2005 Annual Report, in connection with its assessment of the effectiveness of the Company's internal control over financial reporting:

- *Revenue Recognition* – The Company did not have effective controls and procedures to ensure that revenues were recognized in accordance with generally accepted accounting principles. As further discussed below, the Company has implemented new revenue recognition models and related internal controls to remediate this weakness. Such remediation efforts, however, were not fully implemented until the fourth quarter of 2005. While management believes the controls with respect to revenue recognition were appropriately designed and effective at March 31, 2006, the timing of the implementation of the remediation efforts and the Company's program to test, assess, and conclude as to the effectiveness of such remediation efforts resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006.
- *Record Keeping and Documentation* - The Company did not have adequate record keeping and documentation supporting the decisions made and the accounting for complex transactions. As further discussed below, the Company has implemented new procedures and controls to remediate this weakness. Such remediation efforts, however, were not fully implemented until the fourth quarter of 2005. While management believes the controls with respect to record keeping and documentation were appropriately designed and effective at March 31, 2006, the timing of the implementation of the remediation efforts and the Company's program to test, assess, and conclude as to the effectiveness of such remediation efforts resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006.
- *Lack of Sufficient Qualified Accounting Personnel* - The Company did not have adequate manpower in its accounting and finance department and lacked sufficient qualified accounting personnel to identify and resolve complex accounting issues in accordance with generally accepted accounting principles. As further discussed below, the Company has a plan in place to recruit and hire new accounting personnel. This has resulted in the hiring of a Director of Accounting and a Director of Internal Audit in the second quarter of 2006. The Company is still in the process of recruiting for a Manager of Revenue Recognition.
- *Financial Statement Close Procedures* - The Company did not have adequate financial reporting and close procedures. As further discussed below, the Company has implemented new procedures and controls to remediate this weakness. Such remediation efforts, however, were not fully implemented

Table of Contents

until the fourth quarter of 2005. While management believes the controls with respect to the financial statement close procedures were appropriately designed and effective at March 31, 2006, the timing of the implementation of the remediation efforts and the Company's program to test, assess, and conclude as to the effectiveness of such remediation efforts resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006.

- *Internal Audit.* The Company did not maintain an independent effective Internal Audit Department. This material weakness resulted from: 1) the Internal Audit Department was redirected during the second, third and fourth quarters of 2005 to assist with the restatement of the Company's consolidated financial statements; and 2) the resignation of the Director of Internal Audit on December 2, 2005. As a result, the Company's Internal Audit Department executed only a small portion of the activities contemplated to be performed pursuant to the 2005 internal audit plan. In late December 2005, the Company engaged a nationally recognized external consulting firm to perform the activities of the Internal Audit Department, including the Company's compliance efforts with respect to Section 404 of the Sarbanes Oxley Act of 2002. Additionally, during the second quarter of 2006, the Company hired a replacement Director of Internal Audit who is expected to commence employment in the second quarter of 2006.
- *Spreadsheet Controls.* In connection with the change in the Company's revenue recognition for product sales from the sell-in method to the sell-through method, the use of spreadsheets has become a pervasive and integral part of the Company's financial accounting, quarter-end close, and financial reporting processes. However, due to the time limitations on the testing of the spreadsheets relating to revenue recognition as well as the fact that the Company did not have documented policies and procedures regarding spreadsheets relating to financial processes other than revenue recognition, management determined that a material weakness continues to exist with respect to the spreadsheets utilized by the Company. Specifically, the Company continued to experience limitations on its ability to perform detail testing on the spreadsheets relating to revenue recognition during 2005 and the first quarter of 2006 since the quarterly controls over such spreadsheets were not fully implemented until the fourth quarter of 2005. Additionally, the Company did not have effective end user general controls over the access, change management and validation of spreadsheets used in its financial processes, other than revenue recognition, nor did the Company have formal policies and procedures in place relating to the use of spreadsheets. Accordingly, the Company determined, with respect to such spreadsheets, that there was no change management or access controls in place to prevent an unauthorized modification of the formulas within these spreadsheets and limited management review or approval to detect unauthorized changes or errors. Considering the significant reliance on spreadsheets in the current period the continuing deficiencies discussed above surrounding the use of spreadsheets have been assessed to be a material weakness as of March 31, 2006.
- *Segregation of Duties.* Management has identified certain members of the Company's accounting and finance department who have accounting system access rights that are incompatible with the current roles and duties of such individuals. This control deficiency was identified as of December 31, 2004. However, when considered in conjunction with the material weaknesses surrounding internal audit and monitoring controls discussed herein, this control deficiency was elevated to a material weakness as of December 31, 2005 and continued to exist as a material weakness as of March 31, 2006.
- *Monitoring Controls.* As a result of the demands placed on the Company's accounting and finance department with respect to the Company's recent accounting restatement, management did not properly maintain the Company's documentation of internal control over financial reporting during 2005 to reflect changes in internal control over financial reporting and as a result did not substantively commence the process to update such documentation and complete its assessment until December 2005. Further, the restatement process which occurred in 2005 resulted in the delayed performance of certain control procedures in the period-end close process. Accordingly, management determined that

Table of Contents

this control deficiency constituted a material weakness as of December 31, 2005 and continued to exist as a material weakness as of March 31, 2006.

b) Remediation Steps to Address Material Weaknesses

Revenue Recognition

- During 2005, the Company's finance and accounting department, with the assistance of outside expert consultants, developed accounting models to recognize sales of its domestic products, except Panretin, under the sell-through revenue recognition method in accordance with generally accepted accounting principles. In connection with the development of these models, the Company also implemented a number of new and enhanced controls and procedures to support the sell-through revenue recognition accounting models. These controls and procedures include approximately 35 revenue models used in connection with the sell-through revenue recognition method including related contra-revenue models and demand reconciliations to support and assess the reasonableness of the data and estimates, which includes information and estimates obtained from third-parties.
- During the fourth quarter of 2005, the accounting and finance department completed the implementation of procedures surrounding the month-end close process to ensure that the information and estimates necessary for reporting product revenues under the sell-through method to facilitate a timely period-end close were available.
- A training program for employees and consultants involved in the revenue recognition accounting was developed and took place during the fourth quarter of 2005. In 2006, additional training will be provided on a regular and periodic basis and updated as considered necessary.
- The Company intends to hire an expert manager on revenue recognition who will be responsible for managing all aspects of the Company's revenue recognition accounting, sell-through revenue recognition models and supporting controls and procedures. The Company expects that this position will be filled during the third quarter of 2006 or as soon as possible thereafter. However, until this position is filled, the Company continues to use outside expert consultants to fulfill this function.
- The Company's commercial operations department is additionally implementing a number of improvements that will further enhance the controls surrounding the recognition of product revenue. These include the development of an information operations system that will provide management with a greater amount of reliable, timely data including changes related to product movement, demand and inventory levels. The department is also adding additional personnel to review, analyze and report this information.
- Certain of the remediation efforts described above relating to the new revenue recognition models and related controls were not implemented until the fourth quarter of 2005. While management believes that such controls were appropriately designed and effective at March 31, 2006, the timing of the remediation efforts precluded the Company's ability to test, assess, and conclude as to the effectiveness of implementation of such remediated internal controls. This resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006. Additionally, certain of the other remediation efforts (for example, the hiring of a Manager of Revenue Recognition) have not been completed.

Record Keeping and Documentation

- The Company has implemented improved procedures for analyzing, reviewing, and documenting the support for significant and complex transactions. Documentation for all complex transactions is now maintained by the Corporate Controller.

Table of Contents

- The Company's accounting and finance and legal departments developed a formal internal policy during the fourth quarter of 2005 entitled "Documentation of Accounting Decisions," regarding the preparation and maintenance of contemporaneous documentation supporting accounting transactions and contractual interpretations. The formal policy provides for enhanced communication between the Company's finance and legal personnel.
- The remediation efforts described above were not implemented until the fourth quarter of 2005. While management believes the above controls were appropriately designed and implemented at March 31, 2006, the timing of the implementation of the remediation efforts precluded the Company's ability to test, assess, and conclude as to the effectiveness of such remediated internal controls resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006.

Lack of Sufficient Qualified Accounting Personnel

- As discussed above, the Company's Director of Internal Audit resigned effective December 2, 2005. In December 2005, the Company retained a nationally recognized external consulting firm to assist the Internal Audit Department and oversee the Company's ongoing compliance effort under Section 404 of the Sarbanes Oxley Act of 2002 until a permanent replacement for the Company's Director of Internal Audit is hired. During the second quarter of 2006, the Company hired a replacement Director of Internal Audit who is expected to commence employment in May 2006.
- During 2005, the Company engaged expert accounting consultants to assist the Company's accounting and finance department with a number of activities, including the management and implementation of controls surrounding the Company's new sell-through revenue recognition models, the administration of existing controls and procedures, preparation of the Company's SEC filings and the documentation of complex accounting transactions.
- During the second quarter of 2006, the Company hired a Director of Accounting, who is a certified public accountant.
- The Company expects to hire additional senior accounting personnel who are certified public accountants including, as discussed above, a Director of Internal Audit and a Manager of Revenue Recognition. The Manager of Revenue Recognition is targeted to be filled as soon as possible during the 2006 fiscal year. Until all such positions are filled, the Company will continue to use outside expert accounting consultants to fulfill such functions.
- The Company continues to consider alternatives for organizational or responsibility changes which it believes may be necessary to attract additional senior accounting personnel who are certified public accountants or have recent public accounting experience.
- Although the remediation activities identified above were initiated during 2005, the Company is still in the process of recruiting for the Manager of Revenue Recognition. Additionally, the Director of Accounting was not hired and in place until the beginning of the Company's second quarter in 2006. Therefore, as of March 31, 2006, the Company continued to have a lack of sufficient qualified accounting personnel.

Financial Statement Close Procedures

- The Company has designed and implemented process improvements concerning the Company's financial reporting and close procedures. A training session for all finance department employees and consultants involved in the financial statement close process took place during the fourth quarter of 2005. Additionally, an ongoing periodic training update/program has been implemented to conduct training sessions on a regular quarterly basis to provide training to its finance and accounting personnel

Table of Contents

and to review procedures for timely and accurate preparation and management review of documentation and schedules to support the Company's financial reporting and period-end close process. As discussed above, the additional management personnel to be hired by the finance department will also help ensure that all documentation necessary for the financial reporting and period-end close procedures is properly prepared and reviewed.

- The remediation efforts described above were not implemented until the fourth quarter of 2005, which precluded management's ability to test, assess, and conclude as to the effectiveness of such remediated internal controls for a reasonable period of time prior to March 31, 2006.

Internal Audit Plan

- As discussed under the caption *Lack of Sufficient Qualified Accounting Personnel* above, the Company hired a Director of Internal Audit, who is expected to commence employment in the second quarter of 2006. Until the Director of Internal Audit has commenced employment, the Company has engaged a nationally recognized external consulting firm to perform the functions of the Internal Audit Department.

Spreadsheet Controls

- ***Revenue Spreadsheets Controls.*** The Company has implemented new revenue recognition models and related internal controls to remediate this weakness. Such remediation efforts, however, were not fully implemented until the fourth quarter of 2005. While management believes the controls with respect to revenue recognition were appropriately designed and effective at March 31, 2006, the timing of the implementation of the remediation efforts and the Company's program to test, assess, and conclude as to the effectiveness of such remediation efforts resulted in limitations on management's ability to conclude that such controls were operating effectively for a reasonable period of time prior to March 31, 2006.
- ***Non-Revenue Spreadsheet Controls.*** Commencing in the first quarter of 2006 and continuing thereafter, management identified and categorized significant spreadsheets using qualitative measures of financial risk and complexity. Once inventoried, the spreadsheets were subject to standardized control activity testing, ensuring that any deficiencies in such spreadsheets relating to security, change management, input validation, documentation, and segregation of duties were addressed. Detail testing was then performed with respect to significant spreadsheets to ensure the accuracy of formulas and internal and external references within the spreadsheets. Management is in the process of implementing policies and procedures relating to spreadsheet management which are designed to ensure that adequate control activities exist surrounding significant spreadsheets. These policies and procedures, which will include controls relating to data integrity, version control, and restricted access to such spreadsheets, are expected to be implemented in the third quarter of 2006.

Segregation of Duties

- In the first quarter of 2006, management identified those members of the Company's accounting and finance department who had accounting system access rights that were incompatible with the current roles and duties of such individuals and subsequently terminated the access rights for those individuals. On a quarterly basis, commencing with the first quarter of 2006, management will monitor the accounting system access rights of those employees with access to the accounting software systems to identify any grants of incompatible user access rights or any user access rights resulting from subsequent changes or modifications to the Company's internal control structure.

Monitoring Controls

- As discussed under the caption *Internal Audit Plan* above, the Company hired a Director of Internal Audit, who is expected to commence employment in the second quarter of 2006. Additionally, and until the Director of Internal Audit has commenced employment, the Company has engaged a nationally recognized external consulting firm to implement and execute the 2006 Internal Audit Plan starting in the second quarter of 2006. As part of the 2006 Internal Audit Plan, these consultants are responsible for assisting management with updating and maintaining the Company's documentation of internal control over financial reporting. The consultants will also assist with the testing of such internal controls and in monitoring the progress of any ongoing and newly identified remediation efforts to help ensure the timely completion of the Company's 2006 monitoring program.

Independent Registered Public Accountants

BDO Seidman LLP, our independent registered public accountants, have not performed any procedures to review our remediation efforts.

c) Changes in Internal Control Over Financial Reporting

Except for the changes in connection with the remediation efforts performed in regard to the material weaknesses described above, there were no changes in the Company's internal control over financial reporting that occurred during the quarter ended March 31, 2006 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

The Company's subsidiary, Seragen, Inc. and Ligand, were named parties to Sergio M. Oliver, et al. v. Boston University, et al., a putative shareholder class action filed on December 17, 1998 in the Court of Chancery in the State of Delaware in and for New Castle County, C.A. No. 16570NC, by Sergio M. Oliver and others against Boston University and others, including Seragen, its subsidiary Seragen Technology, Inc. and former officers and directors of Seragen. The complaint, as amended, alleged that Ligand aided and abetted purported breaches of fiduciary duty by the Seragen related defendants in connection with the acquisition of Seragen by Ligand and made certain misrepresentations in related proxy materials and seeks compensatory and punitive damages of an unspecified amount. On July 25, 2000, the Delaware Chancery Court granted in part and denied in part defendants' motions to dismiss. Seragen, Ligand, Seragen Technology, Inc. and the Company's acquisition subsidiary, Knight Acquisition Corporation, were dismissed from the action. Claims of breach of fiduciary duty remain against the remaining defendants, including the former officers and directors of Seragen. The court certified a class consisting of shareholders as of the date of the acquisition and on the date of the proxy sent to ratify an earlier business unit sale by Seragen. On January 20, 2005, the Delaware Chancery Court granted in part and denied in part the defendants' motion for summary judgment. Prior to trial, several of the Seragen director-defendants reached a settlement with the plaintiffs. The trial in this action then went forward as to the remaining defendants and concluded on February 18, 2005. On April 14, 2006, the court issued a memorandum opinion finding for the plaintiffs and against Boston University and individual directors affiliated with Boston University on certain claims. The opinion awards damages on these claims in the amount of approximately \$4.8 million plus interest. Judgment, however, has not been entered and the matter is subject to appeal. While Ligand and its subsidiary Seragen have been dismissed from the action, such dismissal is also subject to appeal and Ligand and Seragen may have possible indemnification obligations with respect to certain defendants. As of March 31, 2006, the Company has not accrued an indemnification obligation based on its assessment that the Company's responsibility for any such obligation is not probable or estimable.

Beginning in August 2004, several purported class action stockholder lawsuits were filed in the United States District Court for the Southern District of California against the Company and certain of its directors and officers. The actions were brought on behalf of purchasers of the Company's common stock during several time periods, the longest of which runs from July 28, 2003 through August 2, 2004. The complaints generally allege that the Company violated Sections 10(b) and 20(a) of the Securities Exchange Act of 1934 and Rule 10b-5 of the Securities and Exchange Commission by making false and misleading statements, or concealing information about the Company's business, forecasts and financial performance, in particular statements and information related to drug development issues and AVINZA inventory levels. These lawsuits have been consolidated and lead plaintiffs appointed. A consolidated complaint was filed by the plaintiffs in March 2005. On September 27, 2005, the court granted the Company's motion to dismiss the consolidated complaint, with leave for plaintiffs to file an amended complaint within 30 days. In December 2005, the plaintiffs filed a second amended complaint again alleging claims under Section 10(b) and 20(a) of the Securities Exchange Act against the Company, David Robinson and Paul Maier. The amended complaint asserts an expanded Class Period of March 19, 2001 through May 20, 2005 and includes allegations arising from the Company's announcement on May 20, 2005 that it would restate certain financial results. Defendants filed their motion to dismiss plaintiffs' second amended complaint in January 2006. No trial date has been set.

Beginning on or about August 13, 2004, several derivative actions were filed on behalf of the Company by individual stockholders in the Superior Court of California. The complaints name the Company's directors and certain of its officers as defendants and name the Company as a nominal defendant. The complaints are based on the same facts and circumstances as the purported class actions discussed in the previous paragraph and generally allege breach of fiduciary duties, abuse of control, waste and mismanagement, insider trading and unjust enrichment. These actions are in discovery. The court has set a trial date of November 17, 2006.

In October 2005, a shareholder derivative action was filed on behalf of the Company in the United States District Court for the Southern District of California. The complaint names the Company's directors and certain of its officers as defendants and the Company as a nominal defendant. The action was brought by an individual

Table of Contents

stockholder. The complaint generally alleges that the defendants falsified Ligand's publicly reported financial results throughout 2002 and 2003 and the first three quarters of 2004 by improperly recognizing revenue on product sales. The complaint generally alleges breach of fiduciary duty by all defendants and requests disgorgement, e.g., under Section 304 of the Sarbanes-Oxley Act of 2002. In January 2006, the defendants filed a motion to dismiss plaintiffs' verified shareholder derivative complaint. Plaintiffs' opposition was filed in February 2006. No trial date has been set.

The Company believes that all of the above actions are without merit and intends to vigorously defend against each of such lawsuits. Due to the uncertainty of the ultimate outcome of these matters, the impact on future financial results is not subject to reasonable estimates.

On December 11, 2001, a lawsuit was filed in the United States District Court for the District of Massachusetts against Ligand by the Trustees of Boston University and other former stakeholders of Seragen. The suit was subsequently transferred to federal district court in Delaware. The complaint alleged breach of contract, breach of the implied covenants of good faith and fair dealing and unfair and deceptive trade practices based on, among other things, allegations that Ligand wrongfully withheld approximately \$2.1 million in consideration due the plaintiffs under the Seragen acquisition agreement. This amount had been previously accrued for in the Company's consolidated financial statements in 1998. The complaint sought payment of the withheld consideration and treble damages. Ligand filed a motion to dismiss the unfair and deceptive trade practices claim. The Court subsequently granted Ligand's motion to dismiss the unfair and deceptive trade practices claim (i.e., the treble damages claim), in April 2003. In November 2003, the Court granted Boston University's motion for summary judgment, and entered judgment for Boston University. In January 2004, the district court issued an amended judgment awarding interest of approximately \$0.7 million to the plaintiffs in addition to the approximately \$2.1 million withheld. In January 2006, the appeals court affirmed the district court's ruling against us. Additional interest on the above amounts of approximately \$0.1 million was accrued through January 2006 and was added to the judgment. The withheld amount including the interest was paid in February 2006.

In addition, the Company is subject to various lawsuits and claims with respect to matters arising out of the normal course of business. Due to the uncertainty of the ultimate outcome of these matters, the impact on future financial results is not subject to reasonable estimates.

ITEM 1A. RISK FACTORS

The following is a summary description of some of the many risks we face in our business including, any risk factors as to which there may have been a material change from those set forth in our Annual Report on Form 10-K for the year ended December 31, 2005. You should carefully review these risks in evaluating our business, including the businesses of our subsidiaries. You should also consider the other information described in this report.

Risks Related To Us and Our Business.

The restatement of our consolidated financial statements has had a material adverse impact on us, including increased costs, the increased possibility of legal or administrative proceedings, and delisting from the NASDAQ National Market.

We determined that our consolidated financial statements for the years ended December 31, 2002 and 2003, and as of and for the quarters of 2003, and for the first three quarters of 2004, as described in more detail in our 2004 10-K, should be restated. As a result of these events, we have become subject to a number of additional risks and uncertainties, including:

- We incurred substantial unanticipated costs for accounting and legal fees in 2005 in connection with the restatement. Although the restatement is complete, we expect to continue to incur unanticipated accounting and legal costs as noted below.
- We have been named in a number of lawsuits that began in August 2004 and an additional lawsuit filed in October 2005 claiming to be class actions and shareholder derivative actions. As a result of our restatement the plaintiffs in these lawsuits may make additional claims, expand existing claims and/or expand the time periods covered by the complaints. Other plaintiffs may bring additional actions with other claims, based on the restatement. If such events occur, we may incur additional substantial defense costs regardless of their outcome. Likewise, such events might cause a diversion of our management's time and attention. If we do not prevail in any such actions, we could be required to pay substantial damages or settlement costs.
- The Securities and Exchange Commission (SEC) has instituted a formal investigation of the Company's consolidated financial statements. This investigation will likely divert more of our management's time and attention and cause us to incur substantial costs. Such investigations can also lead to fines or injunctions or orders with respect to future activities, as well as further substantial costs and diversion of management time and attention.
- The need to reconsider our accounting treatment and the restatement of our consolidated financial statements caused us to be late in filing our required reports on Form 10-K for December 31, 2004 and Forms 10-Q for the quarters ended March 31, 2005 and June 30, 2005, respectively, which caused us to be delisted from NASDAQ National Market in September 2005. See "Our common stock was delisted from the NASDAQ National Market which may reduce the price of our common stock and the levels of liquidity available to our stockholders and cause confusion among investors" for additional discussion regarding the NASDAQ delisting.

Material weaknesses or deficiencies in our internal control over financial reporting could harm stockholder and business confidence on our financial reporting, our ability to obtain financing and other aspects of our business.

Maintaining an effective system of internal control over financial reporting is necessary for us to provide reliable financial reports. As disclosed in the Company's 2005 Annual Report on Form 10-K, management's assessment of the Company's internal control over financial reporting identified material weaknesses in the Company's internal controls surrounding (i) the accounting for revenue recognition; (ii) record keeping and documentation; (iii) accounting personnel; (iv) financial statement close procedures; (v) the inability of the Company to maintain an effective independent Internal Audit Department; (vi) the existence of ineffective spreadsheet controls used in connection with the Company's financial processes, including review, testing, access and integrity controls; (vii) the existence of accounting system access rights granted to certain members of the Company's accounting and finance

Table of Contents

department that are incompatible with the current roles and duties of such individuals (i.e., segregation of duties); and (viii) the inability of management to properly maintain the Company's documentation of the internal control over financial reporting during 2005 or to substantively commence the process to update such documentation and assessment until December 2005. We have not fully remediated these material weaknesses and as a result, management continues to conclude that we did not maintain effective internal control over financial reporting as of March 31, 2006.

Because we have concluded that our internal control over financial reporting is not effective as of March 31, 2006 and our independent registered public accountants issued a disclaimer opinion on the effectiveness of our internal controls as of December 31, 2005 due to our inability to make a timely assessment of the effectiveness of our internal controls, and to the extent we identify future weaknesses or deficiencies, there could be material misstatements in our consolidated financial statements and we could fail to meet our financial reporting obligations. As a result, our ability to obtain additional financing, or obtain additional financing on favorable terms, could be materially and adversely affected, which, in turn, could materially and adversely affect our business, our strategic alternatives, our financial condition and the market value of our securities. In addition, perceptions of us could also be adversely affected among customers, lenders, investors, securities analysts and others. Current material weaknesses or any future weaknesses or deficiencies could also hurt confidence in our business and consolidated financial statements and our ability to do business with these groups.

Our revenue recognition policy has changed to the sell-through method which is currently not used by most companies in the pharmaceutical industry which will make it more difficult to compare our results to the results of our competitors.

Because our revenue recognition policy has changed to the sell-through method which reflects products sold through the distribution channel, we do not recognize revenue for the domestic product shipments of AVINZA, ONTAK, Targretin capsules and Targretin gel. Under our previous method of accounting, product sales were recognized at time of shipment.

Under the sell-through revenue recognition method, future product sales and gross margins may be affected by the timing of certain gross to net sales adjustments including the cost of certain services provided by wholesalers under distribution service agreements, and the impact of price increases. Cost of products sold and therefore gross margins for our products may also be further impacted by changes in the timing of revenue recognition. Additionally, our revenue recognition models incorporate a significant amount of third party data from our wholesalers and IMS. Such data is subject to estimates and as such, any changes or corrections to these estimates identified in later periods, such as changes or corrections occurring as a result of natural disasters or other disruptions, including Hurricane Katrina, could affect the revenue that we report in future periods.

As a result of our change in revenue recognition policy and the fact that the sell-through method is not widely used by our competitors, it may be difficult for potential and current stockholders to assess our financial results and compare these results to others in our industry. This may have an adverse effect on our stock price.

Our new revenue recognition models under the sell-through method are extremely complex and depend upon the accuracy and consistency of third party data as well as dependence upon key finance and accounting personnel to maintain and implement the controls surrounding such models.

We have developed revenue recognition models under the sell-through method that are unique to the Company's business and therefore are highly complex and not widely used in the pharmaceutical industry. The revenue recognition models incorporate a significant amount of third party data from our wholesalers and IMS. To effectively maintain the revenue recognition models, we depend to a considerable degree upon the timely and accurate reporting to us of such data from these third parties and our key accounting and finance personnel to accurately interpolate such data into the models. If the third party data is not calculated on a consistent basis and reported to us on an accurate or timely basis or we lose any of our key accounting and finance personnel, the accuracy of our consolidated financial statements could be materially affected. This could cause future delays in our earnings announcements, regulatory filings with the SEC, and potential delays in relisting or delisting with the NASDAQ.

Table of Contents

Changes in the estimated liability recognized under the termination and return of rights transaction with Organon could be material in future periods and potentially result in adjustments to our consolidated statements of operations that are inconsistent with the underlying trend in AVINZA product sales.

As previously disclosed, on January 17, 2006, we signed an agreement with Organon that terminated the AVINZA co-promotion agreement between the two companies and returned AVINZA rights to Ligand. However, the parties have agreed to continue to cooperate during a transition period ending September 30, 2006 (the "Transition Period") to promote the product.

In consideration of the early termination and return of rights under the terms of the agreement, Ligand will unconditionally pay Organon \$37.75 million on or before October 15, 2006. We will further pay Organon \$10.0 million on or before January 15, 2007, provided that Organon has made its minimum required level of sales calls. In addition, after the termination, we will make quarterly payments to Organon equal to 6.5% of AVINZA net sales through December 31, 2012 and thereafter 6% through patent expiration, currently anticipated to be November of 2017.

The unconditional payment of \$37.75 million to Organon and the estimated fair value of the amounts to be paid to Organon after the termination (\$98.5 million as of March 31, 2006), based on the net sales of the product (currently anticipated to be paid quarterly through November 2017) were recognized as liabilities and expensed as costs of the termination as of the effective date of the agreement, January 2006. Additionally, the conditional payment of \$10.0 million, which represents the approximation of the fair value of that service element of the agreement, is being recognized ratably as additional co-promotion expense over the Transition Period.

Although the quarterly payments to Organon will be based on net reported AVINZA product sales, such payments will not result in current period expense in the period upon which the payment is based, but instead will be charged against the co-promote termination liability. The accretion to the current net present value for each reporting period will, however, be recognized as interest expense for that period at a rate of 15%, the discount rate used to initially value this component of the termination liability. Additionally, any changes to our estimates of future net AVINZA product sales will be recognized as an increase or decrease to earnings in the period such changes are identified. Any such changes could be material and potentially result in adjustments to our consolidated statements of operations that are inconsistent with the underlying trend in AVINZA product sales.

Our common stock was delisted from the NASDAQ National Market which may reduce the price of our common stock and the levels of liquidity available to our stockholders and cause confusion among investors.

Our common stock was delisted from the NASDAQ National Market on September 7, 2005. Unless and until the Company's common stock is relisted on NASDAQ, our common stock is expected to be quoted on the Pink Sheets. The quotation of our common stock on the Pink Sheets may reduce the price of our common stock and the levels of liquidity available to our stockholders. In addition, the quotation of our common stock on the Pink Sheets may materially adversely affect our access to the capital markets, and any limitation on liquidity or reduction in the price of our common stock could materially adversely affect our ability to raise capital through alternative financing sources on terms acceptable to us or at all. Stocks that are quoted on the Pink Sheets are no longer eligible for margin loans, and a company quoted on the Pink Sheets cannot avail itself of federal preemption of state securities or "blue sky" laws, which adds substantial compliance costs to securities issuances, including pursuant to employee option plans, stock purchase plans and private or public offerings of securities. Our delisting from the NASDAQ National Market and quotation on the Pink Sheets may also have other negative implications, including the potential loss of confidence by suppliers, customers and employees, the loss of institutional investor interest and fewer business development opportunities.

While we have applied to have our common stock relisted on the NASDAQ National Market, our common stock may not ultimately be relisted. Even if we are successful in getting our common stock relisted on NASDAQ, the relisting may cause confusion among investors who have become accustomed to our being quoted on the Pink Sheets as they seek to determine our stock price or trade in our stock.

[Table of Contents](#)

Our strategic alternatives exploration process is subject to a number of uncertainties and may or may not result in any expected transaction(s).

In November 2005, we announced that we would be exploring strategic alternatives for the Company and its assets in order to enhance shareholder value. This process is ongoing and is subject to a number of risks and uncertainties. For example, we may not decide to or be able to complete any strategic transaction or series of transactions on any given timeframe, or at all. Any transactions we do complete may not be the type of transaction or may not be on terms that some stockholders or members of the investing public may prefer. Any of these risks or uncertainties could harm our stock price.

Our small number of products and our dependence on partners and other third parties means our results are vulnerable to setbacks with respect to any one product.

We currently have only five products approved for marketing and a handful of other products/indications that have made significant progress through development. Because these numbers are small, especially the number of marketed products, any significant setback with respect to any one of them could significantly impair our operating results and/or reduce the market prices for our securities. Setbacks could include problems with shipping, distribution, manufacturing, product safety, marketing, government licenses and approvals, intellectual property rights and physician or patient acceptance of the product, as well as higher than expected total rebates, returns or discounts.

In particular, AVINZA our pain product, now accounts for a majority of our product revenues and we expect AVINZA revenues will continue to grow over the next several years. Thus any setback with respect to AVINZA could significantly impact our financial results and our share price. AVINZA was licensed from Elan Corporation which is currently its sole manufacturer. We have contracted with Cardinal to provide additional manufacturing capacity and expect to source product from Cardinal in 2006. However, we expect Elan will continue to be a significant supplier over the next several years. Any problems with Elan's or Cardinal's manufacturing operations or capacity could reduce sales of AVINZA, as could any licensing or other contract disputes with these suppliers.

Similarly, our co-promotion partner executes a large part of the marketing and sales efforts for AVINZA and those efforts may be affected by our partner's organization, operations, activities and events both related and unrelated to AVINZA. Our co-promotion efforts have encountered and continue to encounter a number of difficulties, uncertainties and challenges, including sales force reorganizations and lower than expected sales call and prescription volumes, which have hurt and could continue to hurt AVINZA sales growth. The negative impact on the product's sales growth in turn has caused and may continue to cause our revenues and earnings to be disappointing. Any failure to fully optimize this co-promotion arrangement and the AVINZA brand, by either partner, could also cause AVINZA sales and our financial results to be disappointing and hurt our stock price. Any disputes with our co-promotion partner over these or other issues could harm the promotion and sales of AVINZA and could result in substantial costs to us. In addition, in January 2006 we announced that we were terminating the co-promotion arrangement with a nine-month transition period. Failure to successfully transition our partner's efforts and functions back to Ligand and/or failure to repartner or otherwise replace our partner's sales activities for AVINZA after the transition could adversely affect the sales of the product.

AVINZA is a relatively new product and therefore the predictability of its commercial results is relatively low. Higher than expected discounts (especially PBM/GPO rebates and Medicaid rebates, which can be substantial), returns and chargebacks and/or slower than expected market penetration could reduce sales. Other setbacks that AVINZA could face in the sustained-release opioid market include product safety and abuse issues, regulatory action, intellectual property disputes and the inability to obtain sufficient quotas of morphine from the Drug Enforcement Agency (DEA) to support our production requirements.

In particular, with respect to regulatory action and product safety issues, the FDA recently requested that we expand the warnings on the AVINZA label to alert doctors and patients to the dangers of using AVINZA with alcohol. We have made changes to the label. The FDA also requested clinical studies to investigate the risks associated with taking AVINZA with alcohol. We have submitted protocols to the FDA and are awaiting their

Table of Contents

comments on these protocol designs. These additional warnings, studies and any further regulatory action could have significant adverse effects on AVINZA sales.

Our product development and commercialization involve a number of uncertainties, and we may never generate sufficient revenues from the sale of products to become profitable.

We were founded in 1987. We have incurred significant losses since our inception. At March 31, 2006, our accumulated deficit was approximately \$973.3 million. We began receiving revenues from the sale of pharmaceutical products in 1999. To consistently be profitable, we must successfully develop, clinically test, market and sell our products. Even if we consistently achieve profitability, we cannot predict the level of that profitability or whether we will be able to sustain profitability. We expect that our operating results will fluctuate from period to period as a result of differences in when we incur expenses and receive revenues from product sales, collaborative arrangements and other sources. Some of these fluctuations may be significant.

Most of our products in development will require extensive additional development, including preclinical testing and human studies, as well as regulatory approvals, before we can market them. We cannot predict if or when any of the products we are developing or those being developed with our partners will be approved for marketing. For example, lasofoxifene (Oporia), a partner product being developed by Pfizer recently received a “non-approvable” decision from the FDA and trials of our market product Targretin failed to meet endpoints in Phase III trials in which we were studying its use in non small cell lung cancer. There are many reasons that we or our collaborative partners may fail in our efforts to develop our other potential products, including the possibility that:

- preclinical testing or human studies may show that our potential products are ineffective or cause harmful side effects;
- the products may fail to receive necessary regulatory approvals from the FDA or foreign authorities in a timely manner, or at all;
- the products, if approved, may not be produced in commercial quantities or at reasonable costs;
- the products, once approved, may not achieve commercial acceptance;
- regulatory or governmental authorities may apply restrictions to our products, which could adversely affect their commercial success; or
- the proprietary rights of other parties may prevent us or our partners from marketing the products.

Any product development failures for these or other reasons, whether with our products or our partners’ products, may reduce our expected revenues, profits, and stock price.

Third-party reimbursement and health care reform policies may reduce our future sales.

Sales of prescription drugs depend significantly on access to the formularies, or lists of approved prescription drugs, of third-party payers such as government and private insurance plans, as well as the availability of reimbursement to the consumer from these third party payers. These third party payers frequently require drug companies to provide predetermined discounts from list prices, and they are increasingly challenging the prices charged for medical products and services. Our current and potential products may not be considered cost-effective, may not be added to formularies and reimbursement to the consumer may not be available or sufficient to allow us to sell our products on a competitive basis. For example, we have current and recurring discussions with insurers regarding formulary access, discounts and reimbursement rates for our drugs, including AVINZA. We may not be able to negotiate favorable reimbursement rates and formulary status for our products or may have to pay significant discounts to obtain favorable rates and access. Only one of our products, ONTAK, is currently eligible to be reimbursed by Medicare (reimbursement for Targretin is being provided to a small group of patients by Medicare through December 2005 as part of the Medicare Replacement Drug Demonstration Project). Recently enacted changes by Medicare to the hospital outpatient payment reimbursement system may adversely affect reimbursement rates for ONTAK. Beginning in 2004 we have also experienced a significant increase in ONTAK units that are sold through Disproportionate Share Hospitals or DSHs. These hospitals are part of the federal government’s procurement system and thus receive significantly higher rebates than non-government purchasers of our products. As a result, our net revenues for ONTAK could be substantially reduced if this trend continues.

Table of Contents

In addition, the efforts of governments and third-party payers to contain or reduce the cost of health care will continue to affect the business and financial condition of drug companies such as us. A number of legislative and regulatory proposals to change the health care system have been discussed in recent years, including price caps and controls for pharmaceuticals. These proposals could reduce and/or cap the prices for our products or reduce government reimbursement rates for products such as ONTAK. In addition, an increasing emphasis on managed care in the United States has and will continue to increase pressure on drug pricing. We cannot predict whether legislative or regulatory proposals will be adopted or what effect those proposals or managed care efforts may have on our business. The announcement and/or adoption of such proposals or efforts could adversely affect our profit margins and business.

We are building marketing and sales capabilities in the United States and Europe which is an expensive and time-consuming process and may increase our operating losses.

Developing the sales force to market and sell products is a difficult, expensive and time-consuming process. We have developed a US sales force of approximately 113 people as of March 31, 2006. We also rely on third-party distributors to distribute our products. The distributors are responsible for providing many marketing support services, including customer service, order entry, shipping and billing and customer reimbursement assistance. In Europe, we currently rely on other companies to distribute and market our products. We have entered into agreements for the marketing and distribution of our products in territories such as the United Kingdom, Germany, France, Spain, Portugal, Greece, Italy and Central and South America and have established a subsidiary, Ligand Pharmaceuticals International, Inc., with a branch in London, England, to coordinate our European marketing and operations. Our reliance on these third parties means our results may suffer if any of them are unsuccessful or fail to perform as expected. We may not be able to continue to expand our sales and marketing capabilities sufficiently to successfully commercialize our products in the territories where they receive marketing approval. With respect to our co-promotion or licensing arrangements, for example our co-promotion agreement for AVINZA, which is currently in transition, any revenues we receive will depend substantially on the marketing and sales efforts of others, which may or may not be successful.

The cash flows from our product shipments may significantly fluctuate each period based on the nature of our products.

Excluding AVINZA, our products are small-volume specialty pharmaceutical products that address the needs of cancer patients in relatively small niche markets with substantial geographical fluctuations in demand. To ensure patient access to our drugs, we maintain broad distribution capabilities with inventories held at approximately 130 locations throughout the United States. The purchasing and stocking patterns of our wholesaler customers for all our products are influenced by a number of factors that vary from product to product, including but not limited to overall level of demand, periodic promotions, required minimum shipping quantities and wholesaler competitive initiatives. As a result, the overall level of product in the distribution channel may average from two to six months' worth of projected inventory usage. Although we have distribution services contracts in place to maintain stable inventories at our major wholesalers, if any of them were to substantially reduce the inventory they carry in a given period, e.g. due to circumstances beyond their reasonable control, or contract termination or expiration, our shipments and cash flow for that period could be substantially lower than historical levels.

We have entered into fee-for-service or distributor services agreements for each of our products with the majority of our wholesaler customers. Under these agreements, in exchange for a set fee, the wholesalers have agreed to provide us with certain services. Concurrent with the implementation of these agreements we will no longer routinely offer these wholesalers promotional discounts or incentives. The agreements typically have a one-year initial term and are renewable.

Our drug development programs will require substantial additional future funding which could hurt our operational and financial condition.

Our drug development programs require substantial additional capital to successfully complete them, arising from costs to:

Table of Contents

- conduct research, preclinical testing and human studies;
- establish pilot scale and commercial scale manufacturing processes and facilities; and
- establish and develop quality control, regulatory, marketing, sales and administrative capabilities to support these programs.

Our future operating and capital needs will depend on many factors, including:

- the pace of scientific progress in our research and development programs and the magnitude of these programs;
- the scope and results of preclinical testing and human studies;
- the time and costs involved in obtaining regulatory approvals;
- the time and costs involved in preparing, filing, prosecuting, maintaining and enforcing patent claims;
- competing technological and market developments;
- our ability to establish additional collaborations;
- changes in our existing collaborations;
- the cost of manufacturing scale-up; and
- the effectiveness of our commercialization activities.

We currently estimate our research and development expenditures over the next 3 years to range between \$180 million and \$225 million. However, we base our outlook regarding the need for funds on many uncertain variables. Such uncertainties include regulatory approvals, the timing of events outside our direct control such as product launches by partners and the success of such product launches, negotiations with potential strategic partners and other factors. Any of these uncertain events can significantly change our cash requirements as they determine such one-time events as the receipt of major milestones and other payments.

While we expect to fund our research and development activities from cash generated from internal operations to the extent possible, if we are unable to do so we may need to complete additional equity or debt financings or seek other external means of financing. If additional funds are required to support our operations and we are unable to obtain them on terms favorable to us, we may be required to cease or reduce further development or commercialization of our products, to sell some or all of our technology or assets or to merge with another entity.

We may require additional money to run our business and may be required to raise this money on terms which are not favorable or which reduce our stock price.

We have incurred losses since our inception and may not generate positive cash flow to fund our operations for one or more years. As a result, we may need to complete additional equity or debt financings to fund our operations. Our inability to obtain additional financing could adversely affect our business. Financings may not be available at all or on favorable terms. In addition, these financings, if completed, still may not meet our capital needs and could result in substantial dilution to our stockholders. For instance, in April 2002 and September 2003 we issued an aggregate of 7.7 million shares of our common stock in private placement offerings. In addition, in November 2002 we issued in a private placement \$155.3 million in aggregate principal amount of our 6% convertible subordinated notes due 2007, which could be converted into 25,149,025 shares of our common stock. During the three months ended March 31, 2006, holders of notes with a face value of \$26.1 million (approximately 17% of total outstanding notes) converted their notes into approximately 4.2 million shares of our common stock.

If adequate funds are not available, we may be required to delay, reduce the scope of or eliminate one or more of our research or drug development programs, or our marketing and sales initiatives. Alternatively, we may be forced to attempt to continue development by entering into arrangements with collaborative partners or others that require us to relinquish some or all of our rights to technologies or drug candidates that we would not otherwise relinquish.

Our products face significant regulatory hurdles prior to marketing which could delay or prevent sales.

Before we obtain the approvals necessary to sell any of our potential products, we must show through preclinical studies and human testing that each product is safe and effective. We and our partners have a number of products moving toward or currently in clinical trials, including lasofoxifene for which Pfizer announced receipt of non-

Table of Contents

approval letters from the FDA, and two products in Phase III trials by one of our partners involving bazedoxifene. Failure to show any product's safety and effectiveness would delay or prevent regulatory approval of the product and could adversely affect our business. The clinical trials process is complex and uncertain. The results of preclinical studies and initial clinical trials may not necessarily predict the results from later large-scale clinical trials. In addition, clinical trials may not demonstrate a product's safety and effectiveness to the satisfaction of the regulatory authorities. A number of companies have suffered significant setbacks in advanced clinical trials or in seeking regulatory approvals, despite promising results in earlier trials. The FDA may also require additional clinical trials after regulatory approvals are received, which could be expensive and time-consuming, and failure to successfully conduct those trials could jeopardize continued commercialization.

In particular, we announced top-line data, or a summary of significant findings from our Phase III trials for Targretin capsules in NSCLC in late March of 2005. The data analysis showed that the trials did not meet their endpoints of improved overall survival and projected two-year survival. However, in both trials, additional subset analyses completed after the initial intent to treat results indicated that a subset (36%) of Targretin treated patients that developed high triglyceridemia showed a significantly improved overall survival. We have been evaluating data from current and prior Phase II studies to see if they show a similar correlation between hypertriglyceridemia and increased survival. The data will further shape our future plans for Targretin. If further studies are justified they will be conducted on our own or with a partner or cooperative group. These analyses may not be favorable and may not be completed or demonstrate any hypothesis or endpoint. If these analyses or subsequent data fails to show safety or effectiveness, our stock price could be harmed. In addition, subsequent data may be inconclusive or mixed and could be delayed. The FDA may not approve Targretin for this new indication, or may delay approval, even if the data appears to be favorable. Any of these events could depress our stock price.

The rate at which we complete our clinical trials depends on many factors, including our ability to obtain adequate supplies of the products to be tested and patient enrollment. Patient enrollment is a function of many factors, including the size of the patient population, the proximity of patients to clinical sites and the eligibility criteria for the trial. For example, each of our Phase III Targretin clinical trials involved approximately 600 patients and required significant time and investment to complete enrollments. Delays in patient enrollment for our other trials may result in increased costs and longer development times. In addition, our collaborative partners have rights to control product development and clinical programs for products developed under the collaborations. As a result, these collaborators may conduct these programs more slowly or in a different manner than we had expected. Even if clinical trials are completed, we or our collaborative partners still may not apply for FDA approval in a timely manner or the FDA still may not grant approval.

We face substantial competition which may limit our revenues.

Some of the drugs that we are developing and marketing will compete with existing treatments. In addition, several companies are developing new drugs that target the same diseases that we are targeting and are taking IR-related and STAT-related approaches to drug development. The principal products competing with our products targeted at the cutaneous t-cell lymphoma market are Supergen/Abbott's Nipent and interferon, which is marketed by a number of companies, including Schering-Plough's Intron A. Products that compete with AVINZA include Purdue Pharma L.P.'s OxyContin and MS Contin, Janssen Pharmaceutica L.P.'s Duragesic, aai Pharma's Oramorph SR, Alpharma's Kadian, and generic sustained release morphine sulfate, oxycodone and fentanyl. New generic, A/B substitutable or other competitive products may also come to market and compete with our products, reducing our market share and revenues. Many of our existing or potential competitors, particularly large drug companies, have greater financial, technical and human resources than we do and may be better equipped to develop, manufacture and market products. Many of these companies also have extensive experience in preclinical testing and human clinical trials, obtaining FDA and other regulatory approvals and manufacturing and marketing pharmaceutical products. In addition, academic institutions, governmental agencies and other public and private research organizations are developing products that may compete with the products we are developing. These institutions are becoming more aware of the commercial value of their findings and are seeking patent protection and licensing arrangements to collect payments for the use of their technologies. These institutions also may market competitive products on their own or through joint ventures and will compete with us in recruiting highly qualified scientific personnel.

[Table of Contents](#)

We rely heavily on collaborative relationships and termination of any of these programs could reduce the financial resources available to us, including research funding and milestone payments.

Our strategy for developing and commercializing many of our potential products, including products aimed at larger markets, includes entering into collaborations with corporate partners, licensors, licensees and others. These collaborations provide us with funding and research and development resources for potential products for the treatment or control of metabolic diseases, hematopoiesis, women's health disorders, inflammation, cardiovascular disease, cancer and skin disease, and osteoporosis. These agreements also give our collaborative partners significant discretion when deciding whether or not to pursue any development program. Our collaborations may not continue or be successful.

In addition, our collaborators may develop drugs, either alone or with others, that compete with the types of drugs they currently are developing with us. This would result in less support and increased competition for our programs. If products are approved for marketing under our collaborative programs, any revenues we receive will depend on the manufacturing, marketing and sales efforts of our collaborators, who generally retain commercialization rights under the collaborative agreements. Our current collaborators also generally have the right to terminate their collaborations under specified circumstances. If any of our collaborative partners breach or terminate their agreements with us or otherwise fail to conduct their collaborative activities successfully, our product development under these agreements will be delayed or terminated.

We may have disputes in the future with our collaborators, including disputes concerning which of us owns the rights to any technology developed. For instance, we were involved in litigation with Pfizer, which we settled in April 1996, concerning our right to milestones and royalties based on the development and commercialization of droloxifene. These and other possible disagreements between us and our collaborators could delay our ability and the ability of our collaborators to achieve milestones or our receipt of other payments. In addition, any disagreements could delay, interrupt or terminate the collaborative research, development and commercialization of certain potential products, or could result in litigation or arbitration. The occurrence of any of these problems could be time-consuming and expensive and could adversely affect our business.

Some of our key technologies have not been used to produce marketed products and may not be capable of producing such products.

To date, we have dedicated most of our resources to the research and development of potential drugs based upon our expertise in our IR technology. Even though there are marketed drugs that act through IRs, some aspects of our IR technologies have not been used to produce marketed products. Much remains to be learned about the function of IRs. If we are unable to apply our IR and STAT technologies to the development of our potential products, we may not be successful in discovering or developing new products.

Challenges to or failure to secure patents and other proprietary rights may significantly hurt our business.

Our success will depend on our ability and the ability of our licensors to obtain and maintain patents and proprietary rights for our potential products and to avoid infringing the proprietary rights of others, both in the United States and in foreign countries. Patents may not be issued from any of these applications currently on file, or, if issued, may not provide sufficient protection. In addition, disputes with licensors under our license agreements may arise which could result in additional financial liability or loss of important technology and potential products and related revenue, if any.

Our patent position, like that of many pharmaceutical companies, is uncertain and involves complex legal and technical questions for which important legal principles are unresolved. We may not develop or obtain rights to products or processes that are patentable. Even if we do obtain patents, they may not adequately protect the technology we own or have licensed. In addition, others may challenge, seek to invalidate, infringe or circumvent any patents we own or license, and rights we receive under those patents may not provide competitive advantages to us. Further, the manufacture, use or sale of our products may infringe the patent rights of others.

Table of Contents

Several drug companies and research and academic institutions have developed technologies, filed patent applications or received patents for technologies that may be related to our business. Others have filed patent applications and received patents that conflict with patents or patent applications we have licensed for our use, either by claiming the same methods or compounds or by claiming methods or compounds that could dominate those licensed to us. In addition, we may not be aware of all patents or patent applications that may impact our ability to make, use or sell any of our potential products. For example, US patent applications may be kept confidential while pending in the Patent and Trademark Office and patent applications filed in foreign countries are often first published six months or more after filing. Any conflicts resulting from the patent rights of others could significantly reduce the coverage of our patents and limit our ability to obtain meaningful patent protection. While we routinely receive communications or have conversations with the owners of other patents, none of these third parties have directly threatened an action or claim against us. If other companies obtain patents with conflicting claims, we may be required to obtain licenses to those patents or to develop or obtain alternative technology. We may not be able to obtain any such licenses on acceptable terms, or at all. Any failure to obtain such licenses could delay or prevent us from pursuing the development or commercialization of our potential products.

We have had and will continue to have discussions with our current and potential collaborators regarding the scope and validity of our patents and other proprietary rights. If a collaborator or other party successfully establishes that our patent rights are invalid, we may not be able to continue our existing collaborations beyond their expiration. Any determination that our patent rights are invalid also could encourage our collaborators to terminate their agreements where contractually permitted. Such a determination could also adversely affect our ability to enter into new collaborations.

We may also need to initiate litigation, which could be time-consuming and expensive, to enforce our proprietary rights or to determine the scope and validity of others' rights. If litigation results, a court may find our patents or those of our licensors invalid or may find that we have infringed on a competitor's rights. If any of our competitors have filed patent applications in the United States which claim technology we also have invented, the Patent and Trademark Office may require us to participate in expensive interference proceedings to determine who has the right to a patent for the technology.

Hoffmann-La Roche Inc. has received a US patent, has made patent filings and has issued patents in foreign countries that relate to our Panretin gel products. While we were unsuccessful in having certain claims of the US patent awarded to Ligand in interference proceedings, we continue to believe that any relevant claims in these Hoffman-La Roche patents in relevant jurisdictions are invalid and that our current commercial activities and plans relating to Panretin are not covered by these Hoffman-La Roche patents in the US or elsewhere. In addition, we have our own portfolio of issued and pending patents in this area which cover our commercial activities, as well as other uses of 9-*cis* retinoic acid, in the US, Europe and elsewhere. However, if the claims in these Hoffman-La Roche patents are not invalid and/or unenforceable, they might block the use of Panretin gel in specified cancers, not currently under active development or commercialization by us.

Novartis AG has filed an opposition to our European patent that covers the principal active ingredient of our ONTAK drug. We have received a favorable preliminary opinion from the European Patent Office, however this is not a final determination and Novartis has filed a response to the preliminary opinion that argues our patent is invalid. If the opposition is successful, we could lose our ONTAK patent protection in Europe which could substantially reduce our future ONTAK sales in that region. We could also incur substantial costs in asserting our rights in this opposition proceeding, as well as in other possible future proceedings in the United States.

We also rely on unpatented trade secrets and know-how to protect and maintain our competitive position. We require our employees, consultants, collaborators and others to sign confidentiality agreements when they begin their relationship with us. These agreements may be breached, and we may not have adequate remedies for any breach. In addition, our competitors may independently discover our trade secrets.

[Table of Contents](#)

Reliance on third-party manufacturers to supply our products risks supply interruption or contamination and difficulty controlling costs.

We currently have no manufacturing facilities, and we rely on others for clinical or commercial production of our marketed and potential products. In addition, some raw materials necessary for the commercial manufacturing of our products are custom and must be obtained from a specific sole source. Elan manufactures AVINZA for us, Cambrex manufactures ONTAK active pharmaceutical ingredient for us, Raylo manufactures Targretin active pharmaceutical ingredient, and Cardinal Health manufactures Targretin capsules for us. We also recently entered into contracts with and received regulatory approval during 2005 for Cardinal Health to manufacture and package AVINZA and with Hollister-Stier for the filling and finishing of ONTAK. Any delays or failures of the manufacturing or packaging process could cause inventory problems or product shortages.

To be successful, we will need to ensure continuity of the manufacture of our products, either directly or through others, in commercial quantities, in compliance with regulatory requirements at acceptable cost and in sufficient quantities to meet product growth demands. Any extended or unplanned manufacturing shutdowns, shortfalls or delays could be expensive and could result in inventory and product shortages. If we are unable to reliably manufacture our products our revenues could be adversely affected. In addition, if we are unable to supply products in development, our ability to conduct preclinical testing and human clinical trials will be adversely affected. This in turn could also delay our submission of products for regulatory approval and our initiation of new development programs. In addition, although other companies have manufactured drugs acting through IRs and STATs on a commercial scale, we may not be able to translate our core technologies or other technologies into drugs that can be manufactured at costs or in quantities to make marketable products.

The manufacturing process also may be susceptible to contamination, which could cause the affected manufacturing facility to close until the contamination is identified and fixed. In addition, problems with equipment failure or operator error also could cause delays in filling our customers' orders.

Our business exposes us to product liability risks or our products may need to be recalled, and we may not have sufficient insurance to cover any claims.

Our business exposes us to potential product liability risks. Our products also may need to be recalled to address regulatory issues. A successful product liability claim or series of claims brought against us could result in payment of significant amounts of money and divert management's attention from running the business. Some of the compounds we are investigating may be harmful to humans. For example, retinoids as a class are known to contain compounds which can cause birth defects. We may not be able to maintain our insurance on acceptable terms, or our insurance may not provide adequate protection in the case of a product liability claim. To the extent that product liability insurance, if available, does not cover potential claims, we will be required to self-insure the risks associated with such claims. We believe that we carry reasonably adequate insurance for product liability claims.

We use hazardous materials which requires us to incur substantial costs to comply with environmental regulations.

In connection with our research and development activities, we handle hazardous materials, chemicals and various radioactive compounds. To properly dispose of these hazardous materials in compliance with environmental regulations, we are required to contract with third parties at substantial cost to us. Our annual cost of compliance with these regulations is approximately \$0.7 million. We cannot completely eliminate the risk of accidental contamination or injury from the handling and disposing of hazardous materials, whether by us or by our third-party contractors. In the event of any accident, we could be held liable for any damages that result, which could be significant. We believe that we carry reasonably adequate insurance for toxic tort claims.

Future sales of our securities may depress the price of our securities.

Sales of substantial amounts of our securities in the public market could seriously harm prevailing market prices for our securities. These sales might make it difficult or impossible for us to sell additional securities when we need to raise capital.

[Table of Contents](#)

You may not receive a return on your securities other than through the sale of your securities.

We have not paid any cash dividends on our common stock to date. We intend to retain any earnings to support the expansion of our business, and we do not anticipate paying cash dividends on any of our securities in the foreseeable future.

Our shareholder rights plan and charter documents may hinder or prevent change of control transactions.

Our shareholder rights plan and provisions contained in our certificate of incorporation and bylaws may discourage transactions involving an actual or potential change in our ownership. In addition, our board of directors may issue shares of preferred stock without any further action by you. Such issuances may have the effect of delaying or preventing a change in our ownership. If changes in our ownership are discouraged, delayed or prevented, it would be more difficult for our current board of directors to be removed and replaced, even if you or our other stockholders believe that such actions are in the best interests of us and our stockholders.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

On January 31, 2006, an aggregate of approximately 881 shares of our common stock were issued to former employees of the Company in connection with certain option exercises under the Company's 2002 stock option plan. We received approximately \$5,700 from the option exercises. The issuance of shares of Company common stock to such individuals was exempt under Section 4(2) and Regulation D of the Securities Act. The resale of these shares has been subsequently registered on a post-effective amendment No. 1 to Form S-1 filed on April 12, 2006 and declared effective on April 25, 2006.

During the three months ended March 31, 2006, convertible notes with a face value of \$26.1 million were converted into approximately 4.2 million shares of common stock. Each of the recipients that was issued shares upon conversion of the convertible notes was an institutional investor which had previously held the Company's convertible notes. The issuance of shares of Company common stock to such investors was exempt under Section 3(a)(9) or alternatively under Section 4(2) and Regulation D of the Securities Act.

[Table of Contents](#)

ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

We held an Annual Meeting of Stockholders on January 31, 2006. The following elections and proposals were approved at the Annual Meeting:

	<u>Votes For</u>	<u>Votes Against</u>	<u>Votes Withheld</u>	<u>Votes Abstaining</u>	<u>Broker Non Votes</u>
1. Election of a Board of Directors. The total number of votes cast for, or withheld for each nominee was as follows:					
Henry R. Blissenbach	62,038,305	$\frac{3}{4}$	8,643,702	$\frac{3}{4}$	$\frac{3}{4}$
Alexander D. Cross	61,992,442	$\frac{3}{4}$	8,689,565	$\frac{3}{4}$	$\frac{3}{4}$
John Groom	68,092,327	$\frac{3}{4}$	2,589,680	$\frac{3}{4}$	$\frac{3}{4}$
Irving S. Johnson	68,103,326	$\frac{3}{4}$	2,578,771	$\frac{3}{4}$	$\frac{3}{4}$
John W. Kozarich	69,766,600	$\frac{3}{4}$	915,407	$\frac{3}{4}$	$\frac{3}{4}$
Daniel S. Loeb	70,267,468	$\frac{3}{4}$	414,539	$\frac{3}{4}$	$\frac{3}{4}$
Carl C. Peck	69,699,975	$\frac{3}{4}$	982,032	$\frac{3}{4}$	$\frac{3}{4}$
Jeffrey R. Perry	70,252,035	$\frac{3}{4}$	429,972	$\frac{3}{4}$	$\frac{3}{4}$
Brigette Roberts	70,231,204	$\frac{3}{4}$	450,803	$\frac{3}{4}$	$\frac{3}{4}$
David E. Robinson	69,578,436	$\frac{3}{4}$	1,103,571	$\frac{3}{4}$	$\frac{3}{4}$
Michael A. Rocca	62,096,599	$\frac{3}{4}$	8,585,408	$\frac{3}{4}$	$\frac{3}{4}$
2. Amendment of the 2002 Stock Incentive Plan to increase the authorized number of shares of common stock available for issuance under such plan from 8,325,529 to 9,075,529					
	46,364,017	8,794,138	$\frac{3}{4}$	105,355	15,418,497
3. Ratification of the appointment of BDO Seidman LLP as the independent auditors for the fiscal year ending December 31, 2005.					
	70,444,488	138,033	$\frac{3}{4}$	99,486	$\frac{3}{4}$

Table of Contents

ITEM 6. EXHIBITS

<u>Exhibit Number</u>	<u>Description</u>
3.1 (1)	Amended and Restated Certificate of Incorporation of the Company. (Filed as Exhibit 3.2).
3.2 (1)	Bylaws of the Company, as amended. (Filed as Exhibit 3.3).
3.3 (2)	Amended Certificate of Designation of Rights, Preferences and Privileges of Series A Participating Preferred Stock of the Company.
3.5 (3)	Certificate of Amendment of the Amended and Restated Certificate of Incorporation of the Company dated June 14, 2000.
3.6 (4)	Certificate of Amendment of the Amended and Restated Certificate of Incorporation of the Company dated September 30, 2004.
3.7 (5)	Amendment to the Bylaws dated November 13, 2005 (Filed as Exhibit 3.1).
4.1 (6)	Specimen stock certificate for shares of Common Stock of the Company.
4.2 (7)	Preferred Shares Rights Agreement, dated as of September 13, 1996, by and between the Company and Wells Fargo Bank, N.A. (Filed as Exhibit 10.1).
4.3 (8)	Amendment to Preferred Shares Rights Agreement, dated as of November 9, 1998, between the Company and ChaseMellon Shareholder Services, L.L.C., as Rights Agent. (Filed as Exhibit 99.1).
4.4 (9)	Second Amendment to the Preferred Shares Rights Agreement, dated as of December 23, 1998, between the Company and ChaseMellon Shareholder Services, L.L.C., as Rights Agent (Filed as Exhibit 1).
4.7 (10)	Fourth Amendment to the Preferred Shares Rights Agreement and Certification of Compliance with Section 27 Thereof, dated as of October 3, 2002, between the Company and Mellon Investor Services LLC, as Rights Agent.
4.9 (11)	Indenture dated November 26, 2002, between Ligand Pharmaceuticals Incorporated and J.P. Morgan Trust Company, National Association, as trustee, with respect to the 6% convertible subordinated notes due 2007. (Filed as Exhibit 4.3).
4.10 (11)	Form of 6% Convertible Subordinated Note due 2007. (Filed as Exhibit 4.4).
4.11 (11)	Pledge Agreement dated November 26, 2002, between Ligand Pharmaceuticals Incorporated and J.P. Morgan Trust Company, National Association. (Filed as Exhibit 4.5).
4.12 (11)	Control Agreement dated November 26, 2002, among Ligand Pharmaceuticals Incorporated, J.P. Morgan Trust Company, National Association and JP Morgan Chase Bank. (Filed as Exhibit 4.6).
4.13 (12)	Amended and Restated Preferred Shares Rights Agreement dated as of March 30, 2004, which includes as Exhibit A the Form of Rights Certificate and as Exhibit B the Summary of Rights.
10.267	2002 Stock Incentive Plan (as amended and restated through March 9, 2006.)
10.292 (13)	Form of Letter Agreement between the Company and certain officers dated March 1, 2006.
31.1	Certification by Principal Executive Officer, Pursuant to Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification by Principal Financial Officer, Pursuant to Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification by Principal Executive Officer, Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Certification by Principal Financial Officer, Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

Table of Contents

- (1) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Company's Registration Statement on Form S-4 (No. 333-58823) filed on July 9, 1998.
- (2) This exhibit was previously filed as part of and is hereby incorporated by reference to same numbered exhibit filed with the Company's Quarterly Report on Form 10-Q for the period ended March 31, 1999.
- (3) This exhibit was previously filed as part of, and are hereby incorporated by reference to the same numbered exhibit filed with the Company's Annual Report on Form 10-K for the year ended December 31, 2000.
- (4) This exhibit was previously filed as part of, and is hereby incorporated by reference to the same numbered exhibit filed with the Company's Quarterly Report on Form 10-Q for the period ended September 30, 2004.
- (5) This exhibit was previously filed as part of, and is being incorporated by reference to the number exhibit filed with the Company's current report on Form 8-K filed on November 14, 2005.
- (6) This exhibit was previously filed as part of, and is hereby incorporated by reference to the same numbered exhibit filed with the Company's Registration Statement on Form S-1 (No. 33-47257) filed on April 16, 1992 as amended.
- (7) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Company's Registration Statement on Form S-3 (No. 333-12603) filed on September 25, 1996, as amended.
- (8) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Registration Statement on Form 8-A/A Amendment No. 1 (No. 0-20720) filed on November 10, 1998.
- (9) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Registration Statement on Form 8-A/A Amendment No. 2 (No. 0-20720) filed on December 24, 1998.
- (10) This exhibit was previously filed as part of, and is hereby incorporated by reference to the same numbered exhibit filed with the Company's Quarterly Report on Form 10-Q for the period ended September 30, 2002.
- (11) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Company's Registration Statement on Form S-3 (No. 333-102483) filed on January 13, 2003, as amended.
- (12) This exhibit was previously filed as part of, and is hereby incorporated by reference to the numbered exhibit filed with the Company's Form 8-A 12G/A, filed on April 6, 2004.
- (13) This exhibit was previously filed as part of, and is hereby incorporated by reference to the number exhibit filed with the Company's current report on Form 8-K filed on March 7, 2006.

[Table of Contents](#)

LIGAND PHARMACEUTICALS INCORPORATED

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

Date: May 15, 2006

By: /s/ Paul V. Maier

Paul V. Maier
Senior Vice President, Chief Financial
Officer

LIGAND PHARMACEUTICALS INCORPORATED

2002 STOCK INCENTIVE PLAN

**MAY 16, 2002
(as amended through March 9, 2006)**

ARTICLE ONE

GENERAL PROVISIONS

I. PURPOSE OF THE PLAN

This 2002 Stock Incentive Plan is intended to promote the interests of Ligand Pharmaceuticals Incorporated, a Delaware corporation, by providing eligible persons in the Corporation's service with the opportunity to acquire a proprietary interest, or otherwise increase their proprietary interest, in the Corporation as an incentive for them to remain in such service.

Capitalized terms shall have the meanings assigned to such terms in the attached Appendix.

II. STRUCTURE OF THE PLAN

A. The Plan shall be divided into four separate equity incentives programs:

- the Discretionary Option Grant Program under which eligible persons may, at the discretion of the Plan Administrator, be granted options to purchase shares of Common Stock,
- the Stock Issuance Program under which eligible persons may, at the discretion of the Plan Administrator, be issued shares of Common Stock directly, either through the immediate purchase of such shares or as a bonus for services rendered the Corporation (or any Parent or Subsidiary),
- the Director Fee Stock Issuance Program under which non-employee Board members may elect to have all or any portion of their annual retainer fee otherwise payable in cash applied to the purchase of shares of Common Stock,
- the Automatic Option Grant Program under which eligible non-employee Board members shall automatically receive option grants at designated intervals over their period of continued Board service, and
- the Director Fee Option Grant Program under which non-employee Board members may elect to have all or any portion of their annual retainer fee otherwise payable in cash applied to a special stock option grant.

B. The provisions of Articles One and Six shall apply to all equity programs under the Plan and shall govern the interests of all persons under the Plan.

III. ADMINISTRATION OF THE PLAN

A. The Primary Committee shall have sole and exclusive authority to administer the Discretionary Option Grant and Stock Issuance Programs with respect to Section 16 Insiders. Administration of the Discretionary Option Grant and Stock Issuance Programs with respect to all other persons eligible to participate in

those programs may, at the Board's discretion, be vested in the Primary Committee or a Secondary Committee, or the Board may retain the power to administer those programs with respect to all such persons. However, any discretionary option grants or stock issuances for members of the Primary Committee must be authorized by a disinterested majority of the Board.

B. Members of the Primary Committee or any Secondary Committee shall serve for such period of time as the Board may determine and may be removed by the Board at any time. The Board may also at any time terminate the functions of any Secondary Committee and reassume all powers and authority previously delegated to such committee.

C. Each Plan Administrator shall, within the scope of its administrative functions under the Plan, have full power and authority (subject to the provisions of the Plan) to establish such rules and regulations as it may deem appropriate for proper administration of the Discretionary Option Grant and Stock Issuance Programs and to make such determinations under, and issue such interpretations of, the provisions of those programs and any outstanding options or stock issuances thereunder as it may deem necessary or advisable. Decisions of the Plan Administrator within the scope of its administrative functions under the Plan shall be final and binding on all parties who have an interest in the Discretionary Option Grant and Stock Issuance Programs under its jurisdiction or any stock option or stock issuance thereunder.

D. Service on the Primary Committee or the Secondary Committee shall constitute service as a Board member, and members of each such committee shall accordingly be entitled to full indemnification and reimbursement as Board members for their service on such committee. No member of the Primary Committee or the Secondary Committee shall be liable for any act or omission made in good faith with respect to the Plan or any option grants or stock issuances under the Plan.

E. Administration of the Automatic Option Grant, Director Fee Stock Issuance and Director Fee Option Grant Programs shall be self-executing in accordance with the terms of those programs, and no Plan Administrator shall exercise any discretionary functions with respect to any option grants or stock issuances made under those programs.

IV. ELIGIBILITY

A. The persons eligible to participate in the Discretionary Option Grant and Stock Issuance Programs are as follows:

- (i) Employees,
- (ii) non-employee members of the Board or the board of directors of any Parent or Subsidiary, and
- (iii) consultants and other independent advisors who provide services to the Corporation (or any Parent or Subsidiary).

B. Each Plan Administrator shall, within the scope of its administrative jurisdiction under the Plan, have full authority to determine, (i) with respect to the option grants under the Discretionary Option Grant Program, which eligible persons are to receive such grants, the time or times when those grants are to be made, the number of shares to be covered by each such grant, the status of the granted option as either an Incentive Option or a Non-Statutory Option, the time or times when each option is to become exercisable, the vesting schedule (if any) applicable to the option shares and the maximum term for which the option is to remain outstanding and (ii) with respect to stock issuances under the Stock Issuance Program, which eligible persons are to receive such issuances, the time or times when the issuances are to be made, the number of shares to be issued to each Participant, the vesting schedule (if any) applicable to the issued shares and the consideration for such shares.

C. The Plan Administrator shall have the absolute discretion either to grant options in accordance with the Discretionary Option Grant Program or to effect stock issuances in accordance with the Stock Issuance Program.

D. The individuals who shall be eligible to participate in the Automatic Option Grant Program shall be limited to (i) those individuals who first become non-employee Board members on or after the Effective Date, whether through appointment by the Board or election by the Corporation's stockholders, and (ii) those individuals who continue to serve as non-employee Board members at one or more Annual Stockholders Meetings held after the Effective Date. A non-employee Board member who has previously been in the employ of the Corporation (or any Parent or Subsidiary) shall not be eligible to receive an option grant under the Automatic Option Grant Program at the time he or she first becomes a non-employee Board member, but shall be eligible to receive periodic option grants under the Automatic Option Grant Program while he or she continues to serve as a non-employee Board member.

E. All non-employee Board members shall be eligible to participate in the Director Fee Option Grant Program and the Director Fee Stock Issuance Program.

V. STOCK SUBJECT TO THE PLAN

A. The stock issuable under the Plan shall be shares of authorized but unissued or reacquired Common Stock, including shares repurchased by the Corporation on the open market. The number of shares of Common Stock reserved for issuance over the term of the Plan shall be 9,075,529 shares consisting of (i) the 6,075,529 shares that remained available for issuance, as of the Plan Effective Date, under the Predecessor Plan as last approved by the Corporation's stockholders, including the shares subject to outstanding options under the Predecessor Plan, plus (ii) an additional increase of 750,000 shares that was approved by the Corporation's stockholders in connection with the adoption of the Plan in 2002, plus (iii) an aggregate of 2,250,000 additional shares approved by the Board and the Corporation's stockholders since the adoption of the Plan.

B. No one person participating in the Plan may receive stock options, separately exercisable stock appreciation rights and direct stock issuances for more than 1,000,000 shares of Common Stock in the aggregate per calendar year.

C. Shares of Common Stock subject to outstanding options (including options transferred to this Plan from the Predecessor Plan) shall be available for subsequent issuance under the Plan to the extent those options expire or terminate for any reason prior to exercise in full. Unvested shares issued under the Plan and subsequently cancelled or repurchased by the Corporation, at a price per share not greater than the original issue price paid per share, pursuant to the Corporation's repurchase rights under the Plan shall be added back to the number of shares of Common Stock reserved for issuance under the Plan and shall accordingly be available for reissuance through one or more subsequent option grants or direct stock issuances under the Plan. However, should the exercise price of an option under the Plan be paid with shares of Common Stock or should shares of Common Stock otherwise issuable under the Plan be withheld by the Corporation in satisfaction of the withholding taxes incurred in connection with the exercise of an option or the vesting of a stock issuance under the Plan, then the number of shares of Common Stock available for issuance under the Plan shall be reduced by the gross number of shares for which the option is exercised or which vest under the stock issuance, and not by the net number of shares of Common Stock issued to the holder of such option or stock issuance. Shares of Common Stock underlying one or more stock appreciation rights exercised under Section V of Article Two, Section II of Article Four or Section III of Article Five of the Plan shall **not** be available for subsequent issuance under the Plan.

D. If any change is made to the Common Stock by reason of any stock split, stock dividend, recapitalization, combination of shares, exchange of shares or other change affecting the outstanding Common Stock as a class without the Corporation's receipt of consideration, appropriate adjustments shall be made by the Plan Administrator to (i) the maximum number and/or class of securities issuable under the Plan, (ii) the maximum number and/or class of securities for which any one person may be granted stock options, separately exercisable stock appreciation rights and direct stock issuances under the Plan per calendar year, (iii) the number and/or class of securities for which grants are subsequently to be made under the Automatic Option Grant Program to new and

continuing non-employee Board members, (iv) the number and/or class of securities and the exercise price per share in effect under each outstanding option under the Plan and (v) the number and/or class of securities and exercise price per share in effect under each outstanding option transferred to this Plan from the Predecessor Plan. Such adjustments to the outstanding options are to be effected in a manner which shall preclude the enlargement or dilution of rights and benefits under such options. The adjustments determined by the Plan Administrator shall be final, binding and conclusive.

ARTICLE TWO

DISCRETIONARY OPTION GRANT PROGRAM

I. OPTION TERMS

Each option shall be evidenced by one or more documents in the form approved by the Plan Administrator; provided, however, that each such document shall comply with the terms specified below. Each document evidencing an Incentive Option shall, in addition, be subject to the provisions of the Plan applicable to such options.

A. Exercise Price.

1. The exercise price per share shall be fixed by the Plan Administrator but shall not be less than one hundred percent (100%) of the Fair Market Value per share of Common Stock on the option grant date.

2. The exercise price shall become immediately due upon exercise of the option and shall, subject to the provisions of Section I of Article Six and the documents evidencing the option, be payable in one or more of the forms specified below:

(i) cash or check made payable to the Corporation,

(ii) shares of Common Stock held by the Optionee or otherwise issuable upon exercise of the option and valued at Fair Market Value on the Exercise Date, or

(iii) to the extent the option is exercised for vested shares, through a special sale and remittance procedure pursuant to which the Optionee shall concurrently provide irrevocable instructions to (a) a Corporation-designated brokerage firm to effect the immediate sale of the purchased shares and remit to the Corporation, out of the sale proceeds available on the settlement date, sufficient funds to cover the aggregate exercise price payable for the purchased shares plus all applicable income and employment taxes required to be withheld by the Corporation by reason of such exercise and (b) the Corporation to deliver the certificates for the purchased shares directly to such brokerage firm in order to complete the sale.

Except to the extent such sale and remittance procedure is utilized, payment of the exercise price for the purchased shares must be made on the Exercise Date.

B. Exercise and Term of Options. Each option shall be exercisable at such time or times, during such period and for such number of shares as shall be determined by the Plan Administrator and set forth in the documents evidencing the option. However, no option shall have a term in excess of ten (10) years measured from the option grant date.

C. Effect of Termination of Service.

1. The following provisions shall govern the exercise of any options held by the Optionee at the time of cessation of Service or death:

(i) Any option outstanding at the time of the Optionee's cessation of Service for any reason shall remain exercisable for such period of time thereafter as shall be determined by the Plan Administrator and set forth in the documents evidencing the option, but no such option shall be exercisable after the expiration of the option term.

(ii) Any option held by the Optionee at the time of death and exercisable in whole or in part at that time may be subsequently exercised by the personal representative of the Optionee's

estate or by the person or persons to whom the option is transferred pursuant to the Optionee's will or the laws of inheritance or by the Optionee's designated beneficiary or beneficiaries of that option.

(iii) During the applicable post-Service exercise period, the option may not be exercised in the aggregate for more than the number of vested shares for which the option is exercisable on the date of the Optionee's cessation of Service. Upon the expiration of the applicable exercise period or (if earlier) upon the expiration of the option term, the option shall terminate and cease to be outstanding for any vested shares for which the option has not been exercised. However, the option shall, immediately upon the Optionee's cessation of Service, terminate and cease to be outstanding to the extent the option is not otherwise at that time exercisable for vested shares.

2. The Plan Administrator shall have complete discretion, exercisable either at the time an option is granted or at any time while the option remains outstanding, to:

(i) extend the period of time for which the option is to remain exercisable following the Optionee's cessation of Service from the limited exercise period otherwise in effect for that option to such greater period of time as the Plan Administrator shall deem appropriate, but in no event beyond the expiration of the option term, and/or

(ii) permit the option to be exercised, during the applicable post-Service exercise period, not only with respect to the number of vested shares of Common Stock for which such option is exercisable at the time of the Optionee's cessation of Service but also with respect to one or more additional installments in which the Optionee would have vested had the Optionee continued in Service.

D. Stockholder Rights. The holder of an option shall have no stockholder rights with respect to the shares subject to the option until such person shall have exercised the option, paid the exercise price and become a holder of record of the purchased shares.

E. Repurchase Rights. The Plan Administrator shall have the discretion to grant options which are exercisable for unvested shares of Common Stock. Should the Optionee cease Service while holding such unvested shares, the Corporation shall have the right to repurchase any or all of those unvested shares at a price per share equal to the *lower* of (i) the exercise price paid per share or (ii) the Fair Market Value per share of Common Stock at the time of repurchase. The terms upon which such repurchase right shall be exercisable (including the period and procedure for exercise and the appropriate vesting schedule for the purchased shares) shall be established by the Plan Administrator and set forth in the document evidencing such repurchase right.

F. Limited Transferability of Options. During the lifetime of the Optionee, Incentive Options shall be exercisable only by the Optionee and shall not be assignable or transferable other than by will or the laws of inheritance following the Optionee's death. Non-Statutory Options shall be subject to the same restriction, except that a Non-Statutory Option may be assigned in whole or in part during the Optionee's lifetime to one or more members of the Optionee's family or to a trust established exclusively for one or more such family members or to Optionee's former spouse, to the extent such assignment is in connection with the Optionee's estate plan or pursuant to a domestic relations order. The assigned portion may only be exercised by the person or persons who acquire a proprietary interest in the option pursuant to the assignment. The terms applicable to the assigned portion shall be the same as those in effect for the option immediately prior to such assignment and shall be set forth in such documents issued to the assignee as the Plan Administrator may deem appropriate. Notwithstanding the foregoing, the Optionee may also designate one or more persons as the beneficiary or beneficiaries of his or her outstanding options under this Article Two, and those options shall, in accordance with such designation, automatically be transferred to such beneficiary or beneficiaries upon the Optionee's death while holding those options. Such beneficiary or beneficiaries shall take the transferred options subject to all the terms and conditions of the applicable agreement evidencing each such transferred option, including (without limitation) the limited time period during which the option may be exercised following the Optionee's death.

II. INCENTIVE OPTIONS

The terms specified below shall be applicable to all Incentive Options. Except as modified by the provisions of this Section II, all the provisions of Articles One, Two and Six shall be applicable to Incentive Options. Options which are specifically designated as Non-Statutory Options when issued under the Plan shall not be subject to the terms of this Section II.

A. **Eligibility.** Incentive Options may only be granted to Employees.

B. **Dollar Limitation.** The aggregate Fair Market Value of the shares of Common Stock (determined as of the respective date or dates of grant) for which one or more options granted to any Employee under the Plan (or any other option plan of the Corporation or any Parent or Subsidiary) may for the first time become exercisable as Incentive Options during any one calendar year shall not exceed the sum of One Hundred Thousand Dollars (\$100,000). To the extent the Employee holds two (2) or more such options which become exercisable for the first time in the same calendar year, the foregoing limitation on the exercisability of such options as Incentive Options shall be applied on the basis of the order in which such options are granted.

C. **10% Stockholder.** If any Employee to whom an Incentive Option is granted is a 10% Stockholder, then the exercise price per share shall not be less than one hundred ten percent (110%) of the Fair Market Value per share of Common Stock on the option grant date, and the option term shall not exceed five (5) years measured from the option grant date.

III. CHANGE IN CONTROL/HOSTILE TAKE-OVER

A. In the event of a Change in Control, each outstanding option under the Discretionary Option Grant Program shall automatically accelerate so that each such option shall, immediately prior to the effective date of that Change in Control, become exercisable for all the shares of Common Stock at the time subject to such option and may be exercised for any or all of those shares as fully vested shares of Common Stock. However, an outstanding option shall **not** become exercisable on such an accelerated basis if and to the extent: (i) such option is to be assumed by the successor corporation (or parent thereof) or is otherwise to continue in full force and effect pursuant to the terms of the Change in Control transaction or (ii) such option is to be replaced with a cash incentive program of the successor corporation which preserves the spread existing at the time of the Change in Control on any shares for which the option is not otherwise at that time exercisable and provides for subsequent payout of that spread in accordance with the same exercise/vesting schedule applicable to those option shares or (iii) the acceleration of such option is subject to other limitations imposed by the Plan Administrator at the time of the option grant.

B. All outstanding repurchase rights under the Discretionary Option Grant Program shall automatically terminate, and the shares of Common Stock subject to those terminated rights shall immediately vest in full, in the event of a Change in Control, except to the extent: (i) those repurchase rights are to be assigned to the successor corporation (or parent thereof) or are otherwise to continue in full force and effect pursuant to the terms of the Change in Control transaction or (ii) such accelerated vesting is precluded by other limitations imposed by the Plan Administrator at the time the repurchase right is issued.

C. Immediately following the consummation of the Change in Control, all outstanding options under the Discretionary Option Grant Program shall terminate and cease to be outstanding, except to the extent assumed by the successor corporation (or parent thereof) or otherwise continued in full force and effect pursuant to the terms of the Change in Control transaction.

D. Each option which is assumed in connection with a Change in Control or otherwise continued in effect shall be appropriately adjusted, immediately after such Change in Control, to apply to the number and class of securities which would have been issuable to the Optionee in consummation of such Change in Control had the option been exercised immediately prior to such Change in Control. Appropriate adjustments to reflect such Change in Control shall also be made to (i) the exercise price payable per share under each outstanding option, provided the

aggregate exercise price payable for such securities shall remain the same, (ii) the maximum number and/or class of securities available for issuance over the remaining term of the Plan and (iii) the maximum number and/or class of securities for which any one person may be granted stock options, separately exercisable stock appreciation rights and direct stock issuances under the Plan per calendar year and (iv) the maximum number and/or class of securities by which the share reserve is to increase automatically each calendar year. To the extent the actual holders of the Corporation's outstanding Common Stock receive cash consideration for their Common Stock in consummation of the Change in Control, the successor corporation may, in connection with the assumption of the outstanding options under the Discretionary Option Grant Program, substitute one or more shares of its own common stock with a fair market value equivalent to the cash consideration paid per share of Common Stock in such Change in Control transaction.

E. The Plan Administrator shall have the discretionary authority to structure one or more outstanding options under the Discretionary Option Grant Program so that those options shall, immediately prior to the effective date of a Change in Control, become exercisable for all the shares of Common Stock at the time subject to those options and may be exercised for any or all of those shares as fully vested shares of Common Stock, whether or not those options are to be assumed in the Change in Control transaction or otherwise continued in effect. In addition, the Plan Administrator shall have the discretionary authority to structure one or more of the Corporation's repurchase rights under the Discretionary Option Grant Program so that those rights shall immediately terminate upon the consummation of the Change in Control transaction, and the shares subject to those terminated rights shall thereupon vest in full.

F. The Plan Administrator shall have full power and authority to structure one or more outstanding options under the Discretionary Option Grant Program so that those options shall become exercisable for all the shares of Common Stock at the time subject to those options in the event the Optionee's Service is subsequently terminated by reason of an Involuntary Termination within a designated period (not to exceed eighteen (18) months) following the effective date of any Change in Control transaction in which those options do not otherwise accelerate. In addition, the Plan Administrator may structure one or more of the Corporation's repurchase rights so that those rights shall immediately terminate with respect to any shares held by the Optionee at the time of such Involuntary Termination, and the shares subject to those terminated repurchase rights shall accordingly vest in full at that time.

G. The Plan Administrator shall have the discretionary authority to structure one or more outstanding options under the Discretionary Option Grant Program so that those options shall, immediately prior to the effective date of a Hostile Take-Over, become exercisable for all the shares of Common Stock at the time subject to those options and may be exercised for any or all of those shares as fully vested shares of Common Stock. In addition, the Plan Administrator shall have the discretionary authority to structure one or more of the Corporation's repurchase rights under the Discretionary Option Grant Program so that those rights shall terminate automatically upon the consummation of such Hostile Take-Over, and the shares subject to those terminated rights shall thereupon vest in full. Alternatively, the Plan Administrator may condition the automatic acceleration of one or more outstanding options under the Discretionary Option Grant Program and the termination of one or more of the Corporation's outstanding repurchase rights under such program upon the subsequent termination of the Optionee's Service by reason of an Involuntary Termination within a designated period (not to exceed eighteen (18) months) following the effective date of such Hostile Take-Over.

H. The portion of any Incentive Option accelerated in connection with a Change in Control or Hostile Take-Over shall remain exercisable as an Incentive Option only to the extent the applicable One Hundred Thousand Dollar (\$100,000) limitation is not exceeded. To the extent such dollar limitation is exceeded, the accelerated portion of such option shall be exercisable as a Nonstatutory Option under the Federal tax laws.

I. The outstanding options shall in no way affect the right of the Corporation to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or transfer all or any part of its business or assets.

IV. CANCELLATION AND REGRANT OF OPTIONS

[omitted]

V. STOCK APPRECIATION RIGHTS

A. The Plan Administrator shall have full power and authority to grant to selected Optionees tandem stock appreciation rights.

B. The following terms shall govern the grant and exercise of tandem stock appreciation rights:

(i) One or more Optionees may be granted the right, exercisable upon such terms as the Plan Administrator may establish, to elect between the exercise of the underlying option for shares of Common Stock and the surrender of that option in exchange for a distribution from the Corporation in an amount equal to the excess of (a) the Fair Market Value (on the option surrender date) of the number of shares in which the Optionee is at the time vested under the surrendered option (or surrendered portion thereof) over (b) the aggregate exercise price payable for such shares.

(ii) No such option surrender shall be effective unless it is approved by the Plan Administrator, either at the time of the actual option surrender or at any earlier time. If the surrender is so approved, then the distribution to which the Optionee shall be entitled may be made in shares of Common Stock valued at Fair Market Value on the option surrender date, in cash, or partly in shares and partly in cash, as the Plan Administrator shall in its sole discretion deem appropriate.

(iii) If the surrender of an option is not approved by the Plan Administrator, then the Optionee shall retain whatever rights the Optionee had under the surrendered option (or surrendered portion thereof) on the option surrender date and may exercise such rights at any time prior to the later of (a) five (5) business days after the receipt of the rejection notice or (b) the last day on which the option is otherwise exercisable in accordance with the terms of the documents evidencing such option, but in no event may such rights be exercised more than ten (10) years after the option grant date.

ARTICLE THREE

STOCK ISSUANCE PROGRAM

I. STOCK ISSUANCE TERMS

Shares of Common Stock may be issued under the Stock Issuance Program through direct and immediate issuances without any intervening option grants. Each such stock issuance shall be evidenced by a Stock Issuance Agreement which complies with the terms specified below. Shares of Common Stock may also be issued under the Stock Issuance Program pursuant to share right awards which entitle the recipients to receive those shares upon the attainment of designated performance goals or the satisfaction of specified Service requirements.

A. Purchase Price.

1. The purchase price per share shall be fixed by the Plan Administrator, but shall not be less than one hundred percent (100%) of the Fair Market Value per share of Common Stock on the issuance date.

2. Subject to the provisions of Section I of Article Six, shares of Common Stock may be issued under the Stock Issuance Program for any of the following items of consideration which the Plan Administrator may deem appropriate in each individual instance:

- (i) cash or check made payable to the Corporation, or
- (ii) past services rendered to the Corporation (or any Parent or Subsidiary), or
- (iii) future services to be rendered to the Corporation.

B. Vesting Provisions.

1. Shares of Common Stock issued under the Stock Issuance Program may, in the discretion of the Plan Administrator, be fully and immediately vested upon issuance or may vest in one or more installments over the Participant's period of Service or upon attainment of specified performance objectives. The elements of the vesting schedule applicable to any unvested shares of Common Stock issued under the Stock Issuance Program shall be determined by the Plan Administrator and incorporated into the Stock Issuance Agreement. Shares of Common Stock may also be issued under the Stock Issuance Program pursuant to share right awards which entitle the recipients to receive those shares upon the attainment of designated performance goals or the satisfaction of specified Service requirements.

2. Any new, substituted or additional securities or other property (including money paid other than as a regular cash dividend) which the Participant may have the right to receive with respect to the Participant's unvested shares of Common Stock by reason of any stock dividend, stock split, recapitalization, combination of shares, exchange of shares or other change affecting the outstanding Common Stock as a class without the Corporation's receipt of consideration shall be issued subject to (i) the same vesting requirements applicable to the Participant's unvested shares of Common Stock and (ii) such escrow arrangements as the Plan Administrator shall deem appropriate.

3. The Participant shall have full stockholder rights with respect to any shares of Common Stock issued to the Participant under the Stock Issuance Program, whether or not the Participant's interest in those shares is vested. Accordingly, the Participant shall have the right to vote such shares and to receive any regular cash dividends paid on such shares.

4. Should the Participant cease to remain in Service while holding one or more unvested shares of Common Stock issued under the Stock Issuance Program or should the performance objectives not be attained with respect to one or more such unvested shares of Common Stock, then those shares shall be

immediately surrendered to the Corporation for cancellation, and the Participant shall have no further stockholder rights with respect to those shares. To the extent the surrendered shares were previously issued to the Participant for consideration paid in cash or cash equivalent, the Corporation shall repay to the Participant the *lower* of (i) the cash consideration paid for the surrendered shares or (ii) the Fair Market Value of those shares at the time of cancellation.

5. The Plan Administrator may in its discretion waive the surrender and cancellation of one or more unvested shares of Common Stock which would otherwise occur upon the cessation of the Participant's Service or the non-attainment of the performance objectives applicable to those shares. Such waiver shall result in the immediate vesting of the Participant's interest in the shares of Common Stock as to which the waiver applies. Such waiver may be effected at any time, whether before or after the Participant's cessation of Service or the attainment or non-attainment of the applicable performance objectives.

6. Outstanding share right awards under the Stock Issuance Program shall automatically terminate, and no shares of Common Stock shall actually be issued in satisfaction of those awards, if the performance goals or Service requirements established for such awards are not attained or satisfied. The Plan Administrator, however, shall have the discretionary authority to issue shares of Common Stock under one or more outstanding share right awards as to which the designated performance goals or Service requirements have not been attained or satisfied.

II. CHANGE IN CONTROL/HOSTILE TAKE-OVER

A. All of the Corporation's outstanding repurchase rights under the Stock Issuance Program shall terminate automatically, and all the shares of Common Stock subject to those terminated rights shall immediately vest in full, in the event of any Change in Control, except to the extent (i) those repurchase rights are to be assigned to the successor corporation (or parent thereof) or are otherwise to continue in full force and effect pursuant to the terms of the Change in Control transaction or (ii) such accelerated vesting is precluded by other limitations imposed in the Stock Issuance Agreement.

B. The Plan Administrator shall have the discretionary authority to structure one or more of the Corporation's repurchase rights under the Stock Issuance Program so that those rights shall automatically terminate in whole or in part, and the shares of Common Stock subject to those terminated rights shall immediately vest, in the event the Participant's Service should subsequently terminate by reason of an Involuntary Termination within a designated period (not to exceed eighteen (18) months) following the effective date of any Change in Control transaction in which those repurchase rights are assigned to the successor corporation (or parent thereof) or are otherwise continued in effect.

C. The Plan Administrator shall also have the discretionary authority to structure one or more of the Corporation's repurchase rights under the Stock Issuance Program so that those rights shall automatically terminate in whole or in part, and the shares of Common Stock subject to those terminated rights shall immediately vest, either upon the occurrence of a Hostile Take-Over or upon the subsequent termination of the Participant's Service by reason of an Involuntary Termination within a designated period (not to exceed eighteen (18) months) following the effective date of that Hostile Take-Over.

III. SHARE ESCROW/LEGENDS

Unvested shares may, in the Plan Administrator's discretion, be held in escrow by the Corporation until the Participant's interest in such shares vests or may be issued directly to the Participant with restrictive legends on the certificates evidencing those unvested shares.

IV. DIRECTOR FEE STOCK ISSUANCE PROGRAM

A. The Primary Committee shall have the sole and exclusive authority to determine the calendar year or years for which the Director Fee Stock Issuance Program is to be in effect. For each such calendar year the program is in effect, each non-employee Board member may irrevocably elect to apply all or any portion of

the annual fee otherwise payable in cash for his or her service on the Board for that year to the acquisition of shares of Common Stock under this Director Fee Stock Issuance Program. Such election must be filed with the Corporation's Chief Financial Officer prior to the first day of the calendar year for which the annual fee which is the subject of that election is otherwise payable. Each non-employee Board member who files such a timely election shall automatically be granted the shares of Common Stock under this Director Fee Stock Issuance Program on the first trading day in January in the calendar year for which the fee election is in effect, or, if later, the first date on which such grant is permitted under applicable law. The dollar amount of the fee subject to the Board member's election each year shall be equal to the number of regularly scheduled Board meetings remaining for that year multiplied by the per Board meeting fee in effect for such year, plus any unpaid and unearned annual retainer fee(s) in effect for such year.

B. The purchase price per share shall be the Fair Market Value per share of Common Stock on the grant date.

C. The number of shares of Common Stock to be issued to a non-employee member of the Board pursuant to this Director Fee Stock Issuance Program shall be determined pursuant to the following formula (rounded down to the nearest whole number):

$X = A \div B$, where

X is the number of shares of Common Stock to be issued to the non-employee Board member,

A is the portion of the annual retainer fee subject to the non-employee Board member's election under this Section III, and

B is the Fair Market Value per share of Common Stock on the grant date.

D. The shares of Common Stock issued pursuant to this Director Fee Stock Issuance Program shall vest in a series of twelve (12) equal monthly installments upon the non-employee Board member's completion of each calendar month of Board service during the calendar year for which the retainer fee election is in effect.

E. Should the Participant's service as a Board member cease by reason of death or Permanent Disability, then all shares of Common Stock issued to such Participant under this Section III shall immediately become vested.

F. In the event of a Change in Control or Hostile Take-Over while the Participant remains a Board member, the shares of Common Stock at the time held by such Participant and issued to such Participant under this Director Fee Stock Issuance Program but not otherwise vested shall automatically vest in full immediately prior to the effective date of such Change in Control or Hostile Take-Over, as applicable.

G. The remaining terms applicable to shares of Common Stock granted under this Director Fee Stock Issuance Program shall be the same as the terms in effect for issuances of Common Stock made under the Stock Issuance Program generally.

ARTICLE FOUR

AUTOMATIC OPTION GRANT PROGRAM

I. OPTION TERMS

A. **Grant Dates.** Option grants shall be made on the dates specified below:

1. Each individual who is first elected or appointed as a non-employee Board member at any time on or after the Effective Date shall automatically be granted, on the date of such initial election or appointment, a Non-Statutory Option to purchase 20,000 shares of Common Stock, provided that individual has not previously been in the employ of the Corporation or any Parent or Subsidiary.

2. On the date of each Annual Stockholders Meeting held after the Effective Date, each individual who is to continue to serve as a non-employee Board member, whether or not that individual is standing for re-election to the Board at that particular Annual Meeting, shall automatically be granted a Non-Statutory Option to purchase 10,000 shares of Common Stock, provided such individual has served as a non-employee Board member for at least six (6) months. There shall be no limit on the number of such 10,000-share option grants any one non-employee Board member may receive over his or her period of Board service, and non-employee Board members who have previously been in the employ of the Corporation (or any Parent or Subsidiary) or who have otherwise received one or more stock option grants from the Corporation prior to the Effective Date shall be eligible to receive one or more such annual option grants over their period of continued Board service.

B. **Exercise Price.**

1. The exercise price per share shall be equal to one hundred percent (100%) of the Fair Market Value per share of Common Stock on the option grant date.

2. The exercise price shall be payable in one or more of the alternative forms authorized under the Discretionary Option Grant Program. Except to the extent the sale and remittance procedure specified thereunder is utilized, payment of the exercise price for the purchased shares must be made on the Exercise Date.

C. **Option Term.** Each option shall have a term of ten (10) years measured from the option grant date.

D. **Exercisability and Vesting of Options.** Each automatic grant shall become fully vested and exercisable upon the Optionee's completion of the one (1)-year period of continued Board service measured from the grant date.

E. **Limited Transferability of Options.** Each option under this Article Four may be assigned in whole or in part during the Optionee's lifetime to one or more members of the Optionee's family or to a trust established exclusively for one or more such family members or to Optionee's former spouse, to the extent such assignment is in connection with the Optionee's estate plan or pursuant to a domestic relations order. The assigned portion may only be exercised by the person or persons who acquire a proprietary interest in the option pursuant to the assignment. The terms applicable to the assigned portion shall be the same as those in effect for the option immediately prior to such assignment and shall be set forth in such documents issued to the assignee as the Plan Administrator may deem appropriate. The Optionee may also designate one or more persons as the beneficiary or beneficiaries of his or her outstanding options under this Article Four, and those options shall, in accordance with such designation, automatically be transferred to such beneficiary or beneficiaries upon the Optionee's death while holding those options. Such beneficiary or beneficiaries shall take the transferred options subject to all the terms and conditions of the applicable agreement evidencing each such transferred option, including (without limitation) the limited time period during which the option may be exercised following the Optionee's death.

F. **Termination of Board Service.** The following provisions shall govern the exercise of any options held by the Optionee at the time the Optionee ceases to serve as a Board member:

(i) The Optionee shall have a three (3)-year period following the date of such cessation of Board service in which to exercise each such option.

(ii) During the three (3)-year exercise period, the option may not be exercised in the aggregate for more than the number of vested shares of Common Stock for which the option is exercisable at the time of the Optionee's cessation of Board service.

(iii) Should the Optionee cease to serve as a Board member by reason of death or Permanent Disability, then all shares at the time subject to the option shall immediately vest so that such option may, during the three (3)-year exercise period following such cessation of Board service, be exercised for any or all of those shares as fully vested shares of Common Stock.

(iv) In no event shall the option remain exercisable after the expiration of the option term. Upon the expiration of the exercise period or (if earlier) upon the expiration of the option term, the option shall terminate and cease to be outstanding for any vested shares for which the option has not been exercised. However, the option shall, immediately upon the Optionee's cessation of Board service for any reason other than death or Permanent Disability, terminate and cease to be outstanding to the extent the option is not otherwise at that time exercisable for vested shares.

II. CHANGE IN CONTROL/HOSTILE TAKE-OVER/HOSTILE TENDER-OFFER

A. In the event of a Change in Control while the Optionee remains a Board member, the shares of Common Stock at the time subject to each outstanding option held by such Optionee under this Automatic Option Grant Program but not otherwise vested shall automatically vest in full so that each such option shall, immediately prior to the effective date of the Change in Control, become exercisable for all the option shares as fully vested shares of Common Stock and may be exercised for any or all of those vested shares. Immediately following the consummation of the Change in Control, each automatic option grant shall terminate and cease to be outstanding, except to the extent assumed by the successor corporation (or parent thereof) or otherwise continued in effect pursuant to the terms of the Change in Control transaction.

B. In the event of a Hostile Take-Over while the Optionee remains a Board member, the shares of Common Stock at the time subject to each outstanding option held by such Optionee under this Automatic Option Grant Program but not otherwise vested shall automatically vest in full so that each such option shall, immediately prior to the effective date of the Hostile Take-Over, become exercisable for all the option shares as fully vested shares of Common Stock and may be exercised for any or all of those vested shares. Each such option shall remain exercisable for such fully vested option shares until the expiration or sooner termination of the option term or the surrender of the option in connection with a Hostile Tender-Offer.

C. All outstanding repurchase rights under this under this Automatic Option Grant Program shall automatically terminate, and the shares of Common Stock subject to those terminated rights shall immediately vest in full, in the event of any Change in Control or Hostile Take-Over.

D. Each option which is assumed in connection with a Change in Control or otherwise continued in effect shall be appropriately adjusted, immediately after such Change in Control, to apply to the number and class of securities which would have been issuable to the Optionee in consummation of such Change in Control had the option been exercised immediately prior to such Change in Control. Appropriate adjustments shall also be made to the exercise price payable per share under each outstanding option, provided the aggregate exercise price payable for such securities shall remain the same. To the extent the actual holders of the Corporation's outstanding Common Stock receive cash consideration for their Common Stock in consummation of the Change in Control, the successor corporation may, in connection with the assumption of the outstanding options under the Automatic Option Grant Program, substitute one or more shares of its own common stock with a fair market value equivalent to the cash consideration paid per share of Common Stock in such Change in Control transaction.

E. The grant of options under the Automatic Option Grant Program shall in no way affect the right of the Corporation to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or transfer all or any part of its business or assets.

III. REMAINING TERMS

The remaining terms of each option granted under the Automatic Option Grant Program shall be the same as the terms in effect for option grants made under the Discretionary Option Grant Program.

ARTICLE FIVE

DIRECTOR FEE OPTION GRANT PROGRAM

I. OPTION GRANTS

The Primary Committee shall have the sole and exclusive authority to determine the calendar year or years for which the Director Fee Option Grant Program is to be in effect. For each such calendar year the program is in effect, each non-employee Board member may irrevocably elect to apply all or any portion of the annual fee otherwise payable in cash for his or her service on the Board for that year to the acquisition of a special option grant under this Director Fee Option Grant Program. Such election must be filed with the Corporation's Chief Financial Officer prior to the first day of the calendar year for which the annual fee which is the subject of that election is otherwise payable. Each non-employee Board member who files such a timely election shall automatically be granted an option under this Director Fee Option Grant Program on the first trading day in January in the calendar year for which the fee election is in effect, or such later date on which the Director Fee Option Grant Program is effective for such calendar year. The dollar amount of the fee subject to the Board member's election each year shall be equal to the number of regularly scheduled Board meetings remaining for that year multiplied by the per Board meeting fee in effect for such year, plus any unpaid and unearned annual retainer fee(s) in effect for such year.

II. OPTION TERMS

Each option shall be a Non-Statutory Option governed by the terms and conditions specified below.

A. Exercise Price.

1. The exercise price per share shall be thirty-three and one-third percent (33-1/3%) of the Fair Market Value per share of Common Stock on the option grant date.

2. The exercise price shall become immediately due upon exercise of the option and shall be payable in one or more of the alternative forms authorized under the Discretionary Option Grant Program. Except to the extent the sale and remittance procedure specified thereunder is utilized, payment of the exercise price for the purchased shares must be made on the Exercise Date.

B. Number of Option Shares. The number of shares of Common Stock subject to the option shall be determined pursuant to the following formula (rounded down to the nearest whole number):

$$X = A \div (B \times 66\frac{2}{3}\%), \text{ where}$$

X is the number of option shares,

A is the portion of the annual retainer fee subject to the non-employee Board member's election under this Director Fee Option Grant Program, and

B is the Fair Market Value per share of Common Stock on the option grant date.

C. Exercise and Term of Options. The option shall become exercisable in a series of twelve (12) equal monthly installments upon the Optionee's completion of each calendar month of Board service during the calendar year for which the retainer fee election is in effect. Each option shall have a maximum term of ten (10) years measured from the option grant date.

D. Limited Transferability of Options. Each option under this Article Five may be assigned in whole or in part during the Optionee's lifetime to one or more members of the Optionee's family or to a trust

established exclusively for one or more such family members or to Optionee's former spouse, to the extent such assignment is in connection with Optionee's estate plan or pursuant to a domestic relations order. The assigned portion may only be exercised by the person or persons who acquire a proprietary interest in the option pursuant to the assignment. The terms applicable to the assigned portion shall be the same as those in effect for the option immediately prior to such assignment and shall be set forth in such documents issued to the assignee as the Plan Administrator may deem appropriate. The Optionee may also designate one or more persons as the beneficiary or beneficiaries of his or her outstanding options under this Article Five, and those options shall, in accordance with such designation, automatically be transferred to such beneficiary or beneficiaries upon the Optionee's death while holding those options. Such beneficiary or beneficiaries shall take the transferred options subject to all the terms and conditions of the applicable agreement evidencing each such transferred option, including (without limitation) the limited time period during which the option may be exercised following the Optionee's death.

E. **Death or Permanent Disability.** Should the Optionee's service as a Board member cease by reason of death or Permanent Disability, then each option held by such Optionee under this Director Fee Option Grant Program shall immediately become exercisable for all the shares of Common Stock at the time subject to that option. To the extent such option is held by the Optionee at the time of his or her death, that option may be exercised by the personal representative of the Optionee's estate or by the person or persons to whom the option is transferred pursuant to the Optionee's will or the laws of inheritance or by the designated beneficiary or beneficiaries of such option.

III. CHANGE IN CONTROL/HOSTILE TAKE-OVER/HOSTILE TENDER-OFFER

A. In the event of any Change in Control while the Optionee remains a Board member, each outstanding option held by such Optionee under this Director Fee Option Grant Program shall automatically accelerate so that each such option shall, immediately prior to the effective date of the Change in Control, become exercisable for all the shares of Common Stock at the time subject to such option and may be exercised for any or all of those shares as fully vested shares of Common Stock.

B. In the event of a Hostile Take-Over while the Optionee remains a Board member, each outstanding option held by such Optionee under this Director Fee Option Grant Program shall automatically accelerate so that each such option shall, immediately prior to the effective date of the Hostile Take-Over, become exercisable for all the shares of Common Stock at the time subject to such option and may be exercised for any or all of those shares as fully vested shares of Common Stock.

C. Each option which is assumed in connection with a Change in Control or otherwise continued in effect shall be appropriately adjusted, immediately after such Change in Control, to apply to the number and class of securities which would have been issuable to the Optionee in consummation of such Change in Control had the option been exercised immediately prior to such Change in Control. Appropriate adjustments shall also be made to the exercise price payable per share under each outstanding option, provided the aggregate exercise price payable for such securities shall remain the same. To the extent the actual holders of the Corporation's outstanding Common Stock receive cash consideration for their Common Stock in consummation of the Change in Control, the successor corporation may, in connection with the assumption of the outstanding options under the Director Fee Option Grant Program, substitute one or more shares of its own common stock with a fair market value equivalent to the cash consideration paid per share of Common Stock in such Change in Control transaction.

D. The grant of options under the Director Fee Option Grant Program shall in no way affect the right of the Corporation to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or transfer all or any part of its business or assets.

IV. COMPLIANCE WITH SECTION 409A OF THE CODE

A. Each option granted under the Director Fee Option Grant Program that constitutes, or provides for, a deferral of compensation subject to Section 409A of the Code (a "**Section 409A Award**") shall satisfy the requirements of Section 409A of the Code and this Section IV, to the extent applicable. The stock option

agreement with respect to a Section 409A Award shall incorporate the terms and conditions required by Section 409A of the Code and this Section IV.

B.1. Subject to subsection B.2, any shares of Common Stock to be paid or distributed upon the exercise of a Section 409A Award shall be distributed in accordance with the requirements of Section 409A(a)(2) of the Code, and shall not be distributed earlier than:

- (a) the Board member's separation from service, as determined by the Secretary of the Treasury;
- (b) the date the Board member becomes disabled, , as determined by the Secretary of the Treasury;
- (c) the Board member's death;
- (d) a specified time (or pursuant to a fixed schedule) specified under the Board members election with respect to a calendar year; or

(e) to the extent provided by the Secretary of the Treasury, a change in the ownership or effective control of the Company or a Parent or Subsidiary, or in the ownership of a substantial portion of the assets of the Company or a Parent or Subsidiary.

2. Notwithstanding the foregoing, a Section 409A Award shall be exercisable, and shares of Common Stock shall be issuable with respect to such option, at such times and upon such events as are specified in this Plan or the stock option agreement pursuant to which such option is granted only to the extent issuance under such terms will not cause the option or the shares of Common Stock issuable with respect to the option to be includible in the gross income of the Board member under Section 409A of the Code prior to such times or the occurrence of such events, as permitted by the Code and the Treasury regulations and other guidance thereunder.

3. For purposes of this Section, the terms specified therein shall have the respective meanings ascribed thereto under Section 409A of the Code and the Treasury regulations thereunder.

C. The time or schedule of any distribution or payment of any shares of Common Stock or other property or amounts under a Section 409A Award shall not be accelerated, except as otherwise permitted under Section 409A(a)(3) of the Code and the Treasury regulations thereunder.

D.1. Any deferral election provided under or with respect to an option granted under the Director Fee Option Grant Program that is a Section 409A Award shall satisfy the requirements of Section 409A(a)(4)(B) of the Code, to the extent applicable, and any such deferral election with respect to compensation for services performed during a taxable year shall be made not later than the close of the preceding taxable year, or at such other time as provided in Treasury regulations.

2. In the event that a Section 409A Award permits, under a subsequent election by the Participant holding such Section 409A Award, a delay in the exercise of the date or dates on which the Section 409A Award may be exercised, or a change in the form of distribution or payment, such subsequent election shall satisfy the requirements of Section 409A(a)(4)(C) of the Code, and:

- (a) such subsequent election may not take effect until at least twelve (12) months after the date on which the election is made;
- (b) the first payment with respect to such election may be deferred for a period of not less than five years from the date such distribution or payment otherwise would have been made; and

(c) such election may not be made less than twelve months prior to the date of the first scheduled distribution or payment under Section 10.2(a)(iv).

E. A Section 409A Award, and any election under or with respect to such Section 409A Award, shall comply in form and operation with the requirements of Section 409A of the Code and the Treasury regulations thereunder.

V. REMAINING TERMS

The remaining terms of each option granted under this Director Fee Option Grant Program shall be the same as the terms in effect for option grants made under the Discretionary Option Grant Program.

ARTICLE SIX

MISCELLANEOUS

I. FINANCING

[omitted]

II. TAX WITHHOLDING

A. The Corporation's obligation to deliver shares of Common Stock upon the exercise of options or the issuance or vesting of such shares under the Plan shall be subject to the satisfaction of all applicable income and employment tax withholding requirements.

B. The Plan Administrator may, in its discretion, provide any or all holders of Non-Statutory Options or unvested shares of Common Stock under the Plan (other than the options granted or the shares issued under the Automatic Option Grant or Director Fee Option Grant Program) with the right to use shares of Common Stock in satisfaction of all or part of the Withholding Taxes to which such holders may become subject in connection with the exercise of their options or the vesting of their shares. Such right may be provided to any such holder in either or both of the following formats:

Stock Withholding: The election to have the Corporation withhold, from the shares of Common Stock otherwise issuable upon the exercise of such Non-Statutory Option or the vesting of such shares, a portion of those shares with an aggregate Fair Market Value equal to the percentage of the Withholding Taxes (not to exceed one hundred percent (100%)) designated by the holder.

Stock Delivery: The election to deliver to the Corporation, at the time the Non-Statutory Option is exercised or the shares vest, one or more shares of Common Stock previously acquired by such holder (other than in connection with the option exercise or share vesting triggering the Withholding Taxes) with an aggregate Fair Market Value equal to the percentage of the Withholding Taxes (not to exceed one hundred percent (100%)) designated by the holder.

III. EFFECTIVE DATE AND TERM OF THE PLAN

A. The Plan was adopted by the Board on March 7, 2002, and shall become effective on the Plan Effective Date. However, the Director Fee Stock Issuance and the Director Fee Option Grant Programs shall not be implemented until such time as the Primary Committee may deem appropriate. Options may be granted under the Discretionary Option Grant Program at any time on or after the Plan Effective Date. However, no options granted under the Plan may be exercised, and no shares shall be issued under the Plan, until the Plan is approved by the Corporation's stockholders. If such stockholder approval is not obtained within twelve (12) months after the Plan Effective Date, then all options previously granted under this Plan shall terminate and cease to be outstanding, and no further options shall be granted and no shares shall be issued under the Plan.

B. The Plan shall serve as the successor to the Predecessor Plan, and no further option grants or direct stock issuances shall be made under the Predecessor Plan after the Plan Effective Date. All options outstanding under the Predecessor Plan on the Plan Effective Date shall be transferred to the Plan at that time and shall be treated as outstanding options under the Plan. However, each outstanding option so transferred shall continue to be governed solely by the terms of the documents evidencing such option, and no provision of the Plan shall be deemed to affect or otherwise modify the rights or obligations of the holders of such transferred options with respect to their acquisition of shares of Common Stock.

C. One or more provisions of the Plan, including (without limitation) the option/vesting acceleration provisions of Article Two relating to Changes in Control and Hostile Take-Overs, may, in the Plan Administrator's discretion, be extended to one or more options incorporated from the Predecessor Plan which do not otherwise contain such provisions.

D. The Plan shall terminate upon the earliest to occur of (i) March 7, 2012, or (ii) the termination of all outstanding options in connection with a Change in Control. Should the Plan terminate on March 7, 2012, then all option grants and unvested stock issuances outstanding at that time shall continue to have force and effect in accordance with the provisions of the documents evidencing such grants or issuances.

IV. AMENDMENT OF THE PLAN

A. The Board shall have complete and exclusive power and authority to amend or modify the Plan in any or all respects. However, no such amendment or modification shall adversely affect the rights and obligations with respect to stock options or unvested stock issuances at the time outstanding under the Plan unless the Optionee or the Participant consents to such amendment or modification. In addition, certain amendments may require stockholder approval pursuant to applicable laws or regulations.

B. Options to purchase shares of Common Stock may be granted under the Discretionary Option Grant Program and shares of Common Stock may be issued under the Stock Issuance Program that are in each instance in excess of the number of shares then available for issuance under the Plan, provided any excess shares actually issued under those programs shall be held in escrow until there is obtained stockholder approval of an amendment sufficiently increasing the number of shares of Common Stock available for issuance under the Plan. If such stockholder approval is not obtained within twelve (12) months after the date the first such excess issuances are made, then (i) any unexercised options granted on the basis of such excess shares shall terminate and cease to be outstanding and (ii) the Corporation shall promptly refund to the Optionees and the Participants the exercise or purchase price paid for any excess shares issued under the Plan and held in escrow, together with interest (at the applicable Short Term Federal Rate) for the period the shares were held in escrow, and such shares shall thereupon be automatically cancelled and cease to be outstanding.

V. USE OF PROCEEDS

Any cash proceeds received by the Corporation from the sale of shares of Common Stock under the Plan shall be used for general corporate purposes.

VI. REGULATORY APPROVALS

A. The implementation of the Plan, the granting of any stock option under the Plan and the issuance of any shares of Common Stock (i) upon the exercise of any granted option or (ii) under the Stock Issuance Program shall be subject to the Corporation's procurement of all approvals and permits required by regulatory authorities having jurisdiction over the Plan, the stock options granted under it and the shares of Common Stock issued pursuant to it.

B. No shares of Common Stock or other assets shall be issued or delivered under the Plan unless and until there shall have been compliance with all applicable requirements of applicable securities laws, including the filing and effectiveness of the Form S-8 registration statement for the shares of Common Stock issuable under the Plan, and all applicable listing requirements of any stock exchange (or the Nasdaq National Market, if applicable) on which Common Stock is then listed for trading.

VII. NO EMPLOYMENT/SERVICE RIGHTS

Nothing in the Plan shall confer upon the Optionee or the Participant any right to continue in Service for any period of specific duration or interfere with or otherwise restrict in any way the rights of the Corporation (or any Parent or Subsidiary employing or retaining such person) or of the Optionee or the Participant, which rights are hereby expressly reserved by each, to terminate such person's Service at any time for any reason, with or without cause.

APPENDIX

The following definitions shall be in effect under the Plan:

A. **Automatic Option Grant Program** shall mean the automatic option grant program in effect under Article Four of the Plan.

B. **Board** shall mean the Corporation's Board of Directors.

C. **Change in Control** shall mean a change in ownership or control of the Corporation effected through any of the following transactions:

(i) a merger, consolidation or other reorganization approved by the Corporation's stockholders, unless securities representing more than fifty percent (50%) of the total combined voting power of the voting securities of the successor corporation are immediately thereafter beneficially owned, directly or indirectly and in substantially the same proportion, by the persons who beneficially owned the Corporation's outstanding voting securities immediately prior to such transaction, or

(ii) the sale, transfer or other disposition of all or substantially all of the Corporation's assets in complete liquidation or dissolution of the Corporation, or

(iii) the acquisition, directly or indirectly by any person or related group of persons (other than the Corporation or a person that directly or indirectly controls, is controlled by, or is under common control with, the Corporation), of beneficial ownership (within the meaning of Rule 13d-3 of the 1934 Act) of securities possessing more than fifty percent (50%) of the total combined voting power of the Corporation's outstanding securities pursuant to a tender or exchange offer made directly to the Corporation's stockholders.

D. **Code** shall mean the Internal Revenue Code of 1986, as amended.

E. **Common Stock** shall mean the Corporation's common stock.

F. **Corporation** shall mean Ligand Pharmaceuticals Incorporated, a Delaware corporation, and any corporate successor to all or substantially all of the assets or voting stock of Ligand Pharmaceuticals Incorporated which shall by appropriate action adopt the Plan.

G. **Director Fee Option Grant Program** shall mean the special stock option grant in effect for non-employee Board members under Article Five of the Plan.

H. **Director Fee Stock Issuance Program** shall mean the special issuances of Common Stock under Section III of Article Three of the Plan.

I. **Discretionary Option Grant Program** shall mean the discretionary option grant program in effect under Article Two of the Plan.

J. **Employee** shall mean an individual who is in the employ of the Corporation (or any Parent or Subsidiary), subject to the control and direction of the employer entity as to both the work to be performed and the manner and method of performance.

K. **Exercise Date** shall mean the date on which the Corporation shall have received written notice of the option exercise.

L. **Fair Market Value** per share of Common Stock on any relevant date shall be determined in accordance with the following provisions:

(i) If the Common Stock is at the time traded on the Nasdaq National Market, then the Fair Market Value shall be the closing selling price per share of Common Stock on the date in question, as such price is reported by the National Association of Securities Dealers on the Nasdaq National Market and published in The Wall Street Journal. If there is no closing selling price for the Common Stock on the date in question, then the Fair Market Value shall be the closing selling price on the last preceding date for which such quotation exists.

(ii) If the Common Stock is at the time listed on any Stock Exchange, then the Fair Market Value shall be the closing selling price per share of Common Stock on the date in question on the Stock Exchange determined by the Plan Administrator to be the primary market for the Common Stock, as such price is officially quoted in the composite tape of transactions on such exchange and published in The Wall Street Journal. If there is no closing selling price for the Common Stock on the date in question, then the Fair Market Value shall be the closing selling price on the last preceding date for which such quotation exists.

M. **Hostile Take-Over** shall mean a change in ownership or control of the Corporation effected through either of the following transactions:

(i) a change in the composition of the Board over a period of thirty-six (36) consecutive months or less such that a majority of the Board members ceases, by reason of one or more contested elections for Board membership, to be comprised of individuals who either (A) have been Board members continuously since the beginning of such period or (B) have been elected or nominated for election as Board members during such period by at least a majority of the Board members described in clause (A) who were still in office at the time the Board approved such election or nomination, or

(ii) a Hostile Tender-Offer.

N. **Hostile Tender-Offer** shall mean the acquisition, directly or indirectly, by any person or related group of persons (other than the Corporation or a person that directly or indirectly controls, is controlled by, or is under common control with, the Corporation) of beneficial ownership (within the meaning of Rule 13d-3 of the 1934 Act) of securities possessing more than fifty percent (50%) of the total combined voting power of the Corporation's outstanding securities pursuant to a tender or exchange offer made directly to the Corporation's stockholders which the Board does not recommend such stockholders to accept.

O. **Incentive Option** shall mean an option which satisfies the requirements of Code Section 422.

P. **Involuntary Termination** shall mean the termination of the Service of any individual which occurs by reason of:

(i) such individual's involuntary dismissal or discharge by the Corporation for reasons other than Misconduct, or

(ii) such individual's voluntary resignation following (A) a change in his or her position with the Corporation which materially reduces his or her duties and responsibilities or the level of management to which he or she reports, (B) a reduction in his or her level of compensation (including base salary, fringe benefits and target bonus under any corporate-performance based bonus or incentive programs) by more than fifteen percent (15%) or (C) a relocation of such individual's place of employment by more than fifty (50) miles, provided and only if such change, reduction or relocation is effected by the Corporation without the individual's consent.

Q. **Misconduct** shall mean the commission of any act of fraud, embezzlement or dishonesty by the Optionee or Participant, any unauthorized use or disclosure by such person of confidential information or trade secrets of the Corporation (or any Parent or Subsidiary), or any other intentional misconduct by such person

adversely affecting the business or affairs of the Corporation (or any Parent or Subsidiary) in a material manner. The foregoing definition shall not in any way preclude or restrict the right of the Corporation (or any Parent or Subsidiary) to discharge or dismiss any Optionee, Participant or other person in the Service of the Corporation (or any Parent or Subsidiary) for any other acts or omissions, but such other acts or omissions shall not be deemed, for purposes of the Plan, to constitute grounds for termination for Misconduct.

R. **1934 Act** shall mean the Securities Exchange Act of 1934, as amended.

S. **Non-Statutory Option** shall mean an option not intended to satisfy the requirements of Code Section 422.

T. **Optionee** shall mean any person to whom an option is granted under the Discretionary Option Grant, Automatic Option Grant or Director Fee Option Grant Program.

U. **Parent** shall mean any corporation (other than the Corporation) in an unbroken chain of corporations ending with the Corporation, provided each corporation in the unbroken chain (other than the Corporation) owns, at the time of the determination, stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

V. **Participant** shall mean any person who is issued shares of Common Stock under the Stock Issuance Program (including the Director Fee Stock Issuance Program thereunder).

W. **Permanent Disability or Permanently Disabled** shall mean the inability of the Optionee or the Participant to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment expected to result in death or to be of continuous duration of twelve (12) months or more. However, solely for purposes of the Automatic Option Grant, Director Fee Stock Issuance and Director Fee Option Grant Programs, Permanent Disability or Permanently Disabled shall mean the inability of the non-employee Board member to perform his or her usual duties as a Board member by reason of any medically determinable physical or mental impairment expected to result in death or to be of continuous duration of twelve (12) months or more.

X. **Plan** shall mean the Corporation's 2002 Stock Incentive Plan, as set forth in this document.

Y. **Plan Administrator** shall mean the particular entity, whether the Primary Committee, the Board or the Secondary Committee, which is authorized to administer the Discretionary Option Grant and Stock Issuance Programs with respect to one or more classes of eligible persons, to the extent such entity is carrying out its administrative functions under those programs with respect to the persons under its jurisdiction.

Z. **Plan Effective Date** shall mean the date the Plan shall become effective and shall be coincident with the first business day following the 2002 Annual Meeting of Stockholders scheduled to take place on May 15, 2002.

AA. **Predecessor Plan** shall mean the Corporation's 1992 Stock Incentive Plan in effect immediately prior to the Plan Effective Date hereunder.

BB. **Primary Committee** shall mean the committee of two (2) or more non-employee Board members appointed by the Board to administer the Discretionary Option Grant and Stock Issuance Programs with respect to Section 16 Insiders.

CC. **Secondary Committee** shall mean a committee of one or more Board members appointed by the Board to administer the Discretionary Option Grant and Stock Issuance Programs with respect to eligible persons other than Section 16 Insiders.

DD. **Section 16 Insider** shall mean an officer or director of the Corporation subject to the short-swing profit liabilities of Section 16 of the 1934 Act.

EE. **Service** shall mean the performance of services for the Corporation (or any Parent or Subsidiary) by a person in the capacity of an Employee, a non-employee member of the board of directors or a consultant or independent advisor, except to the extent otherwise specifically provided in the documents evidencing the option grant or stock issuance.

FF. **Stock Exchange** shall mean either the American Stock Exchange or the New York Stock Exchange.

GG. **Stock Issuance Agreement** shall mean the agreement entered into by the Corporation and the Participant at the time of issuance of shares of Common Stock under the Stock Issuance Program.

HH. **Stock Issuance Program** shall mean the stock issuance program in effect under Article Three of the Plan.

II. **Subsidiary** shall mean any corporation (other than the Corporation) in an unbroken chain of corporations beginning with the Corporation, provided each corporation (other than the last corporation) in the unbroken chain owns, at the time of the determination, stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

JJ. **10% Stockholder** shall mean the owner of stock (as determined under Code Section 424(d)) possessing more than ten percent (10%) of the total combined voting power of all classes of stock of the Corporation (or any Parent or Subsidiary).

KK. **Withholding Taxes** shall mean the applicable income and employment withholding taxes to which the holder of Non-Statutory Options or unvested shares of Common Stock may become subject in connection with the exercise of those options or the vesting of those shares.

CHIEF EXECUTIVE OFFICER CERTIFICATION

I, David E. Robinson, Chairman, President and Chief Executive Officer, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Ligand Pharmaceuticals Incorporated;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) designed such internal control over financial reporting, or caused such control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 15, 2006

/s/ David E. Robinson

David E. Robinson
Chairman, President and Chief Executive
Officer

CHIEF FINANCIAL OFFICER CERTIFICATION

I, Paul V. Maier, Senior Vice President and Chief Financial Officer, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Ligand Pharmaceuticals Incorporated;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) designed such internal control over financial reporting, or caused such control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 15, 2006

/s/ Paul V. Maier

Paul V. Maier
Senior Vice President and Chief Financial
Officer

**CERTIFICATION BY PRINCIPAL EXECUTIVE OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the accompanying Quarterly Report on Form 10-Q of Ligand Pharmaceuticals Incorporated (the "Company") for the quarter ended March 31, 2006, I, David E. Robinson, Chairman, President and Chief Executive Officer of the Company, hereby certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to the best of my knowledge and belief, that:

(1) such Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) the information contained in such Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, fairly presents, in all material respects, the financial condition and results of operations of the Company.

The foregoing certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. § 1350, and is not being filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

Date: May 15, 2006

/s/ David E. Robinson

David E. Robinson

Chairman, President and Chief Executive Officer

**CERTIFICATION BY PRINCIPAL FINANCIAL OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the accompanying Quarterly Report on Form 10-Q of Ligand Pharmaceuticals Incorporated (the "Company") for the quarter ended March 31, 2006, I, Paul V. Maier, Senior Vice President and Chief Financial Officer of the Company, hereby certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to the best of my knowledge and belief, that:

(1) such Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) the information contained in such Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, fairly presents, in all material respects, the financial condition and results of operations of the Company.

The foregoing certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. § 1350, and is not being filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

Date: May 15, 2006

/s/ Paul V. Maier

Paul V. Maier

Senior Vice President and Chief Financial Officer