

# PROGENICS PHARMACEUTICALS INC

## FORM 10-Q (Quarterly Report)

Filed 5/9/2007 For Period Ending 3/31/2007

Address	777 OLD SAW MILL RIVER ROAD TARRYTOWN, New York 10591
Telephone	914-789-2800
CIK	0000835887
Industry	Biotechnology & Drugs
Sector	Healthcare
Fiscal Year	12/31

Powered By **EDGAR**Online

<http://www.edgar-online.com/>

© Copyright 2006. All Rights Reserved.

Distribution and use of this document restricted under EDGAR Onlines Terms of Use.

---

---

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, 2007

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 000-23143

**PROGENICS PHARMACEUTICALS, INC.**

(Exact name of registrant as specified in its charter)

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

**13-3379479**  
(I.R.S. Employer  
Identification No.)

**777 Old Saw Mill River Road**  
**Tarrytown, New York 10591**  
(Address of principal executive offices)  
(Zip Code)

**(914) 789-2800**  
(Registrant's telephone number, including area code)

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. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act (Check one):  
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 May 7, 2007 there were 26,554,645 shares of common stock, par value \$.0013 per share, of the registrant outstanding.

---

---



# PROG ENICS PHARMACEUTICALS, INC.

## INDEX

	<b>Page No.</b>	
<b>Part I</b>	<b>FINANCIAL INFORMATION</b>	
Item 1.	Consolidated Financial Statements (unaudited)	3
	Condensed Consolidated Balance Sheets at March 31, 2007 and December 31, 200 6	3
	Condensed Consolidated Statements of Operations for the Three Months ended March 31, 2007 and 200 6	4
	Condensed Consolidated Statement of Stockholders' Equity and Comprehensive Loss for the Three Months ended March 31, 200 7	5
	Condensed Consolidated Statements of Cash Flows for the Three Months ended March 31, 2007 and 200 6	6
	Notes to Condensed Consolidated Financial Statements	7
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	12
Item 3.	Quantitative and Qualitative Disclosures about Market Risk	25
Item 4.	Controls and Procedures	25
<b>PART II</b>	<b>OTHER INFORMATION</b>	
Item 1A.	Risk Factors	25
Item 6.	Exhibits	27
	Signatures	28
	Certifications	

---

## PART I — FINANCIAL INFORMATION

## Item 1. Consolidated Financial Statements

**PROGENICS PHARMACEUTICALS, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**

(amounts in thousands, except for par value and share amounts)  
(Unaudited)

	<u>March 31, 2007</u>	<u>December 31, 2006</u>
<b>A ssets</b>		
Current assets:		
Cash and cash equivalents	\$ 20,237	\$ 11,947
Marketable securities	104,774	113,841
Accounts receivable	1,699	1,699
Other current assets	2,835	3,181
Total current assets	<u>129,545</u>	<u>130,668</u>
Marketable securities	15,118	23,312
Fixed assets, at cost, net of accumulated depreciation and amortization	11,962	11,387
Restricted cash	546	544
Total assets	<u>\$ 157,171</u>	<u>\$ 165,911</u>
<b>L iabilities and S tockholders ' E quity</b>		
Current liabilities:		
Accounts payable and accrued expenses	\$ 12,985	\$ 11,852
Deferred revenue — current	26,433	26,989
Total current liabilities	39,418	38,841
Deferred revenue —long term	11,385	16,101
Deferred lease liability	124	123
Total liabilities	<u>50,927</u>	<u>55,065</u>
Commitments and contingencies (Note 9)		
Stockholders' equity:		
Preferred stock, \$.001 par value; 20,000,000 shares authorized; issued and outstanding—none		
Common stock, \$.0013 par value; 40,000,000 shares authorized; issued and outstanding— 26,503,941 in 2007 and 26,199,016 in 2006	34	34
Additional paid-in capital	327,067	321,315
Accumulated deficit	(220,791)	(210,358)
Accumulated other comprehensive (loss)	(66)	(145)
Total stockholders' equity	<u>106,244</u>	<u>110,846</u>
Total liabilities and stockholders' equity	<u>\$ 157,171</u>	<u>\$ 165,911</u>

The accompanying notes are an integral part of these condensed financial statements.

**PROGENICS PHARMACEUTICALS, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**

(amounts in thousands, except net loss per share)  
(Unaudited)

	For the three months ended	
	March 31,	
	<u>2007</u>	<u>2006</u>
Revenues:		
Contract research and development from collaborator	\$ 15,499	\$ 8,488
Research grants and contracts	2,119	2,462
Product sales	19	51
Total revenues	<u>17,637</u>	<u>11,001</u>
Expenses:		
Research and development	22,421	10,283
License fees — research and development	750	275
General and administrative	6,276	4,512
Loss in joint venture		121
Depreciation and amortization	492	363
Total expenses	<u>29,939</u>	<u>15,554</u>
Operating loss	(12,302)	(4,553)
Other income:		
Interest income	1,869	1,910
Total other income	<u>1,869</u>	<u>1,910</u>
Net loss	<u>\$ (10,433)</u>	<u>\$ (2,643)</u>
Net loss per share - basic and diluted	<u>\$ (0.40)</u>	<u>\$ (0.10)</u>
Weighted-average shares - basic and diluted	<u>26,365</u>	<u>25,354</u>

The accompanying notes are an integral part of these condensed financial statements.

**PROGENICS PHARMACEUTICALS, INC.**  
**CONDENSED CONSOLIDATED STATEMENT OF STOCKHOLDERS' EQUITY AND COMPREHENSIVE LOSS**  
**FOR THE THREE MONTHS ENDED MARCH 31, 2007**

(amounts in thousands)  
(Unaudited)

	<u>Common Stock</u>		Additional Paid-In Capital	Accumulated Deficit	Accumulated Other Comprehensive (Loss)	Total Stockholders' Equity	Comprehensive (Loss)
	Shares	Amount					
<b>Balance at December 31, 2006</b>	26,199	\$ 34	\$ 321,315	\$ (210,358)	\$ (145)	110,846	
Compensation expense for vesting of share based payment arrangements			2,948			2,948	
Issuance of restricted stock, net of forfeitures	17						
Sale of Common Stock under employee stock purchase plans and exercise of stock options	288		2,804			2,804	
Net (loss)				(10,433)		(10,433)	(10,433)
Change in unrealized loss on marketable securities					79	79	79
<b>Balance at March 31, 2007</b>	<u>26,504</u>	<u>\$ 34</u>	<u>\$ 327,067</u>	<u>\$ (220,791)</u>	<u>\$ (66)</u>	<u>106,244</u>	<u>\$ (10,354)</u>

The accompanying notes are an integral part of these condensed financial statements.

**PROGENICS PHARMACEUTICALS, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**

(amounts in thousands)  
(Unaudited)

	Three months ended March 31,	
	2007	2006
Cash flows from operating activities:		
Net loss	\$ (10,433)	\$ (2,643)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	492	363
Amortization of discounts, net of premiums, on marketable securities	(49)	22
Noncash expenses incurred in connection with vesting of share-based payment arrangements	2,948	2,224
Loss in joint venture		121
Changes in assets and liabilities:		
Decrease in accounts receivable		2,117
Decrease (increase) in other current assets and other assets	346	(698)
Increase (decrease) in accounts payable and accrued expenses	1,133	(3,690)
Decrease in other current liabilities		(153)
Decrease in deferred revenue	(5,272)	(2,852)
Increase in deferred lease liability	1	5
Net cash used in operating activities	<u>(10,834)</u>	<u>(5,184)</u>
Cash flows from investing activities:		
Capital expenditures	(1,067)	(822)
Sales of marketable securities	69,439	78,600
Purchase of marketable securities	(52,050)	(113,760)
(Increase) in restricted cash	(2)	(1)
Net cash provided by (used in) investing activities	<u>16,320</u>	<u>(35,983)</u>
Cash flows from financing activities:		
Proceeds from the exercise of stock options and sale of Common Stock under the Employee Stock Purchase Plans	2,804	2,446
Net cash provided by financing activities	<u>2,804</u>	<u>2,446</u>
Net increase (decrease) in cash and cash equivalents	8,290	(38,721)
Cash and cash equivalents at beginning of period	11,947	67,072
Cash and cash equivalents at end of period	<u>\$ 20,237</u>	<u>\$ 28,351</u>

**The accompanying notes are an integral part of these condensed financial statements.**

**PROGENICS PHARMACEUTICALS, INC.****NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)**

(amounts in thousands, except per share amounts or unless otherwise noted)

**1. Interim Financial Statements**

Progenics Pharmaceuticals, Inc. (the “Company” or “Progenics”) is a biopharmaceutical company focusing on the development and commercialization of innovative therapeutic products to treat the unmet medical needs of patients with debilitating conditions and life-threatening diseases. The Company’s principal programs are directed toward gastroenterology, virology and oncology. The Company was incorporated in Delaware on December 1, 1986. On April 20, 2006, the Company acquired full ownership of PSMA Development Company LLC (“PSMA LLC”) by acquiring from CYTOGEN Corporation (“Cytogen”) its 50% interest in PSMA LLC. Certain of the Company’s intellectual property rights are held by wholly owned subsidiaries of Progenics. None of the Company’s subsidiaries, other than PSMA LLC, had operations during the three months ended March 31, 2007. Currently, all of the Company’s operations are conducted at one location in New York State. The Company’s chief operating decision maker reviews financial analyses and forecasts relating to all of the Company’s research programs as a single unit and allocates resources and assesses performance of such programs as a whole. Therefore, the Company operates under a single research and development segment.

The Company’s lead product candidate is methylnaltrexone. The Company has entered into a license and co-development agreement with Wyeth Pharmaceuticals (“Wyeth”) for the development and commercialization of methylnaltrexone. Under that agreement, the Company (i) has received an upfront payment from Wyeth, (ii) is entitled to receive additional payments as certain developmental milestones for methylnaltrexone are achieved, (iii) has been and will be reimbursed by Wyeth for expenses the Company incurs in connection with the development of methylnaltrexone under the development plan for methylnaltrexone agreed to between the Company and Wyeth, and (iv) will receive commercialization payments and royalties if, and when, methylnaltrexone is sold. These payments will depend on the successful development and commercialization of methylnaltrexone, which is itself dependent on the actions of Wyeth and the U.S. Food and Drug Administration (“FDA”) and other regulatory bodies and the outcome of clinical and other testing of methylnaltrexone. Many of these matters are outside the control of the Company. Manufacturing and commercialization expenses for methylnaltrexone will be funded by Wyeth. On March 30, 2007, the Company filed a New Drug Application with the FDA for the subcutaneous formulation of methylnaltrexone for the treatment of opioid-induced constipation in patients receiving palliative care.

The Company’s other product candidates are not as advanced in development as methylnaltrexone and the Company does not expect any recurring revenues from sales or otherwise with respect to these product candidates in the near term. The Company expects that its research and development expenses with respect to these other product candidates will increase significantly during 2007 and beyond. However, as a result of Wyeth’s agreement to reimburse Progenics for methylnaltrexone development expenses, the Company is able to devote its current and future resources to its other research and development programs.

As a result of its development expenses and other needs, the Company may require additional funding to continue its operations. The Company may enter into a collaboration agreement, or a license or sale transaction, with respect to its product candidates other than methylnaltrexone. The Company may also seek to raise additional capital through the sale of its common stock or other securities and expects to fund certain aspects of its operations through government grants and contracts.

The Company has had recurring losses. At March 31, 2007, the Company had an accumulated deficit of \$220.8 million and had cash, cash equivalents and marketable securities, including non-current portion, totaling \$140.1 million. The Company expects that cash, cash equivalents and marketable securities at March 31, 2007 will be sufficient to fund current operations beyond one year. During the three months ended March 31, 2007, the Company had a net loss of \$10.4 million and used cash in operating activities of \$10.8 million.

The interim Condensed Consolidated Financial Statements of the Company included in this report have been prepared in accordance with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all information and disclosures necessary for a presentation of the Company’s financial position, results of operations and cash flows in conformity with generally accepted accounting principles. In the opinion of management, these financial statements reflect all adjustments, consisting primarily of normal recurring accruals, necessary for a fair statement of results for the periods presented. The results of operations for interim periods are not necessarily indicative of the results for the full year. These financial statements should be read in conjunction with the financial statements and notes thereto contained in the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2006. All terms used but not defined elsewhere herein have the meaning ascribed to them in that Annual Report. The year end condensed consolidated balance sheet data were derived from audited financial statements but do not include all disclosures required by accounting principles generally accepted in the United States of America.



**PROGENICS PHARMACEUTICALS, INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — continued (unaudited)**

(amounts in thousands, except per share amounts or unless otherwise noted)

**2. Share-Based Payment Arrangements**

On January 1, 2007, the Company began to estimate the expected term of stock options granted to employees and officers and directors by using historical data for each of those two groups. During 2006, in accordance with Staff Accounting Bulletin 107, the Company had used the simplified method for that purpose. The Company changed its method of estimating expected term because sufficient historical data related to stock option exercise and post-employment cancellation activity had been accumulated to effectively anticipate future activity. During 2007, the expected term for options granted to the two groups mentioned above was 5.25 and 7.5 years, respectively. During 2006, the expected term for both groups, using the simplified method, was 6.5 years. The expected term for stock options granted to non-employee consultants was ten years, which was equal to the contractual term of those options. The expected volatility of stock options granted to each group was calculated based upon the periods of the respective expected terms. The impact of the change in estimate on net loss and net loss per share for the first quarter of 2007 was immaterial.

The assumptions used by the Company in the Black-Scholes option pricing model to estimate the grant date fair values of stock options granted under the Plans during the three months ended March 31, 2007 and 2006 were as follows:

	<b>For the Three Months Ended March 31,</b>	
	<b>2007</b>	<b>2006</b>
Expected volatility	55% - 89%	94%
Expected dividends	zero	zero
Expected term (in years)	5.25 - 10	6.5
Weighted average expected term (years)	9.0	6.5
Risk-free rate	4.4% - 4.5%	4.6%

During the three months ended March 31, 2007 and 2006, the fair value of shares purchased under the Purchase Plans was estimated on the date of grant in accordance with FASB Technical Bulletin No. 97-1 “Accounting under Statement 123 for Certain Employee Stock Purchase Plans with a Look-Back Option”, using the same option valuation model used for options granted under the Plans, except that the assumptions noted in the following table were used for the Purchase Plans:

	<b>For the Three Months Ended March 31,</b>	
	<b>2007</b>	<b>2006</b>
Expected volatility	40%	38%
Expected dividends	zero	zero
Expected term	6 months	6 months
Risk-free rate	5.1%	3.3%

The total fair value of shares under all of the Company’s share-based payment arrangements that vested during the three months ended March 31, 2007 and 2006 was \$2.9 million and \$2.2 million, respectively; \$1.6 million and \$1.2 million, respectively, of which was reported as research and development expense and \$1.3 million and \$1.0 million, respectively, of which was reported as general and administrative expense. No tax benefit was recognized related to such compensation cost during both the three months ended March 31, 2007 and 2006 because the Company had a net loss for both periods and the related deferred tax assets were fully offset by a valuation allowance. Accordingly, no amounts related to windfall tax benefits have been reported in cash flows from operations or cash flows from financing activities for the three months ended March 31, 2007 and 2006.

**PROGENICS PHARMACEUTICALS, INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — continued (unaudited)**

(amounts in thousands, except per share amounts or unless otherwise noted)

In applying the treasury stock method for the calculation of diluted earnings per share (“EPS”), amounts of unrecognized compensation expense and windfall tax benefits are required to be included in the assumed proceeds in the denominator of the diluted earnings per share calculation unless they are anti-dilutive. The Company incurred a net loss for the quarters ended March 31, 2007 and 2006 and, therefore, such amounts have not been included for those periods in the calculation of diluted EPS since they would be anti-dilutive. Accordingly, basic and diluted EPS are the same for each of those periods.

**3. Accounts Receivable**

	<b>March 31, 2007</b>	<b>December 31, 2006</b>
National Institutes of Health	\$ 1,697	\$ 1,697
Other	2	2
<b>Total</b>	<b>\$ 1,699</b>	<b>\$ 1,699</b>

**4. Accounts Payable and Accrued Expenses**

	<b>March 31, 2007</b>	<b>December 31, 2006</b>
Accounts payable	\$ 809	\$ 1,559
Consulting and clinical trial costs	9,479	7,404
Payroll and related costs	978	990
Legal and professional fees	987	1,301
Other	732	598
<b>Total</b>	<b>\$ 12,985</b>	<b>\$ 11,852</b>

**5. Revenue Recognition**

In January 2006, the Company began recognizing revenues from Wyeth for reimbursement of its development expenses for methylxantrexone as incurred under the development plan agreed between the Company and Wyeth and for a portion of the \$60 million upfront payment the Company received from Wyeth, based on the proportion of the Company’s expected total effort to complete its development obligations that was actually expended during each fiscal quarter. During the three-month periods ended March 31, 2007 and 2006, the Company recognized \$5.0 million and \$4.4 million, respectively, of revenue from the \$60 million upfront payment and \$10.5 million and \$4.1 million, respectively, as reimbursement for its out-of-pocket development costs. There were no milestones or contingent events that were achieved during the three months ended March 31, 2007 or 2006 for which revenue was recognized.

**6. Net Loss Per Share**

The Company’s basic net loss per share amounts have been computed by dividing net loss by the weighted average number of common shares outstanding during the respective periods. For the three months ended March 31, 2007 and 2006, the Company reported a net loss and, therefore, no other potential common stock was included in the computation of diluted net loss per share since such inclusion would have been anti-dilutive. The calculations of net loss per share, basic and diluted, are as follows:

	<b>Net Loss (Numerator)</b>	<b>Shares (Denominator)</b>	<b>Per Share Amount</b>
Three months ended March 31, 2007			
<b>Basic and Diluted</b>	\$ (10,433)	26,365	\$ (0.40)
Three months ended March 31, 2006			
<b>Basic and Diluted</b>	\$ (2,643)	25,354	\$ (0.10)



**PROGENICS PHARMACEUTICALS, INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — continued (unaudited)**  
(amounts in thousands, except per share amounts or unless otherwise noted)

Other potential common stock, which has been excluded from the diluted per share amounts because their effect would have been antidilutive, consist of the following:

	<b>Three Months Ended March 31,</b>			
	<b>2007</b>		<b>2006</b>	
	<b>Wtd. Avg. Number</b>	<b>Wtd. Avg. Exercise Price</b>	<b>Wtd. Avg. Number</b>	<b>Wtd. Avg. Exercise Price</b>
Stock options	4,689	\$ 16.77	4,546	\$ 14.00
Nonvested shares	395		243	
Total	5,084		4,789	

## 7. Uncertain Tax Positions

On January 1, 2007, the Company adopted FASB Interpretation No. 48, *Accounting for Uncertainty in Income Taxes—an Interpretation of FASB Statement 109* (“FIN 48”). FIN 48 prescribes a comprehensive model for the manner in which a company should recognize, measure, present and disclose in its financial statements all material uncertain tax positions that the Company has taken or expects to take on a tax return. FIN 48 applies to income taxes and is not intended to be applied by analogy to other taxes, such as sales taxes, value-add taxes, or property taxes.

The Company has reviewed its nexus in various tax jurisdictions and its tax positions related to all open tax years for events that could change the status of its FIN 48 liability, if any, or require an additional liability to be recorded. Such events may be the resolution of issues raised by a taxing authority, expiration of the statute of limitations for a prior open tax year or new transactions for which a tax position may be deemed to be uncertain. Those positions, for which management’s assessment is that there is more than a 50% probability of sustaining the position upon challenge by a taxing authority based upon its technical merits, are subjected to the measurement criteria of FIN 48. Based upon discussions with tax advisors and experience with taxing authorities, the Company records the largest amount of tax benefit that is greater than 50 percent likely of being realized upon ultimate settlement with a taxing authority having full knowledge of all relevant information. Any FIN 48 liabilities for which the Company expects to make cash payments within the next twelve months are classified as “short term”.

Upon adoption of FIN 48 and through March 31, 2007, the Company had no unrecognized tax benefits. As of the date of adoption, there were no tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly increase or decrease within twelve months from the date of adoption of FIN 48 or from March 31, 2007. As of March 31, 2007, the Company is subject to federal and state income tax in the United States. Open tax years relate to years in which unused net operating losses were generated or, if used, for which the statute of limitation for examination by taxing authorities has not expired. Thus, upon adoption of FIN 48, the Company’s open tax years extend back to 1995, with the exception of 1997, during which the Company reported net income. In the event that the Company concludes that it is subject to interest and/or penalties arising from uncertain tax positions, the Company will record interest and penalties as a component of income taxes. No amounts of interest or penalties were recognized in the Company’s Condensed Consolidated Statements of Operations or Condensed Consolidated Balance Sheets upon adoption of FIN 48 or as of and for the three months ended March 31, 2007.

## 8. Comprehensive Loss

Comprehensive loss represents the change in net assets of a business enterprise during a period from transactions and other events and circumstances from non-owner sources. Comprehensive loss of the Company includes net loss adjusted for the change in net unrealized gain or loss on marketable securities. For the three months ended March 31, 2007 and 2006, the components of comprehensive loss are:

**PROGENICS PHARMACEUTICALS, INC.**

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — continued (unaudited)**

(amounts in thousands, except per share amounts or unless otherwise noted)

	<b>Three Months Ended</b>	
	<b>March 31,</b>	
	<b>2007</b>	<b>2006</b>
Net loss	\$ (10,433)	\$ (2,643)
Change in net unrealized (loss) on marketable securities	79	(141)
Comprehensive loss	\$ (10,354)	\$ (2,784)

**9. Commitments and Contingencies**

In the ordinary course of its business, the Company enters into agreements with third parties that include indemnification provisions which, in its judgment, are normal and customary for companies in its industry sector. These agreements are typically with business partners, clinical sites and suppliers. Pursuant to these agreements, the Company generally agrees to indemnify, hold harmless and reimburse the indemnified parties for losses suffered or incurred by the indemnified parties with respect to the Company's products or product candidates, use of such products or other actions taken or omitted by the Company. The maximum potential amount of future payments the Company could be required to make under these indemnification provisions is not limited. The Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification provisions. As a result, the estimated fair value of liabilities relating to these provisions is minimal. Accordingly, the Company has no liabilities recorded for these provisions as of March 31, 2007.

**10. Impact of Recently Issued Accounting Standards**

On September 15, 2006, the FASB issued FASB Statement No. 157, *Fair Value Measurements* ("FAS 157"), which addresses how companies should measure the fair value of assets and liabilities when they are required to use a fair value measure for recognition or disclosure purposes under generally accepted accounting principles. FAS 157 does not expand the use of fair value in any new circumstances. Under FAS 157, fair value refers to the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants in the market in which the reporting entity transacts. FAS 157 clarifies the principle that fair value should be based on the assumptions market participants would use when pricing the asset or liability. In support of this principle, the standard establishes a fair value hierarchy that prioritizes the information used to develop those assumptions. The fair value hierarchy gives the highest priority to quoted prices in active markets and the lowest priority to unobservable data, for example, the reporting entity's own data. FAS 157 requires disclosures intended to provide information about (1) the extent to which companies measure assets and liabilities at fair value, (2) the methods and assumptions used to measure fair value, and (3) the effect of fair value measures on earnings. The Company will adopt FAS 157 on January 1, 2008. The Company does not expect the impact of the adoption of FAS 157 to be material to its financial position or results of operations.

In February 2007, the FASB issued FASB Statement No. 159 *The Fair Value Option for Financial Assets and Financial Liabilities* ("FAS 159"), which provides companies with an option to report certain financial assets and liabilities at fair value. Unrealized gains and losses on items for which the fair value option has been elected are reported in earnings. FAS 159 also establishes presentation and disclosure requirements designed to facilitate comparisons between companies that choose different measurement attributes for similar types of assets and liabilities. The objective of FAS 159 is to reduce both complexity in accounting for financial instruments and the volatility in earnings caused by measuring related assets and liabilities differently. FAS 159 is effective for fiscal years beginning after November 15, 2007. The Company has not yet determined the impact FAS 159 may have on its results of operations or financial position.

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

### Special Note Regarding Forward-Looking Statements

Certain statements in this Quarterly Report on Form 10-Q constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements contained herein that are not statements of historical fact may be forward-looking statements. When we use the words 'anticipates,' 'plans,' 'expects' and similar expressions, it is identifying forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or industry results, to be materially different from any expected future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the risks associated with our dependence on Wyeth to fund and to conduct clinical testing, to make certain regulatory filings and to manufacture and market products containing methylnaltrexone, the uncertainties associated with product development, the risk that clinical trials will not commence, proceed or be completed as planned, the risk that our products will not receive marketing approval from regulators, the risks and uncertainties associated with the dependence upon the actions of our corporate, academic and other collaborators and of government regulatory agencies, the risk that our licenses to intellectual property may be terminated because of our failure to have satisfied performance milestones, the risk that products that appear promising in early clinical trials are later found not to work effectively or are not safe, the risk that we may not be able to manufacture commercial quantities of our products, the risk that our products, if approved for marketing, do not gain market acceptance sufficient to justify development and commercialization costs, the risk that we will not be able to obtain funding necessary to conduct our operations, the uncertainty of future profitability and other factors set forth more fully in our Annual Report on Form 10-K for the year ended December 31, 2006 and in this Form 10-Q, including those described under the caption "Risk Factors", and other periodic filings with the Securities and Exchange Commission, to which investors are referred for further information.

We do not have a policy of updating or revising forward-looking statements, and we assume no obligation to update any forward-looking statements contained in this Form 10-Q as a result of new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements.

### Overview

#### *General*

We are a biopharmaceutical company focusing on the development and commercialization of innovative therapeutic products to treat the unmet medical needs of patients with debilitating conditions and life-threatening diseases. We commenced principal operations in late 1988, and since that time we have been engaged primarily in research and development efforts, development of our manufacturing capabilities, establishment of corporate collaborations and raising capital. We do not currently have any commercial products. In order to commercialize the principal products that we have under development, we will need to address a number of technological and clinical challenges and comply with comprehensive regulatory requirements. Accordingly, we cannot predict the amount of funds that we will require, or the length of time that will pass, before we receive significant revenues from sales of any of our products, if ever.

#### *Gastroenterology*

Our most advanced product candidate and likeliest source of product revenue is methylnaltrexone. In December 2005, we entered into a License and Co-development Agreement (the "Collaboration Agreement") with Wyeth Pharmaceuticals ("Wyeth") to develop and commercialize methylnaltrexone. The Collaboration Agreement involves the development and commercialization of three products: (i) a subcutaneous form of methylnaltrexone, to be used in patients with opioid-induced constipation; (ii) an intravenous form of methylnaltrexone, to be used in patients with post-operative ileus and (iii) an oral form of methylnaltrexone, to be used in patients with opioid-induced constipation.

Our work with methylnaltrexone has proceeded farthest as a treatment for opioid-induced constipation. We have successfully completed two pivotal phase 3 clinical trials of the subcutaneous form of methylnaltrexone in patients receiving palliative care, including cancer, Acquired Immunodeficiency Syndrome ("AIDS") and heart disease. We achieved positive results from our two pivotal phase 3 clinical trials (studies 301 and 302). All primary and secondary efficacy endpoints of both of the phase 3 studies were met and were statistically significant. The drug was generally well tolerated in both phase 3 trials. On March 30, 2007, the Company filed a New Drug Application with the FDA for the subcutaneous formulation of methylnaltrexone for the treatment of opioid-induced constipation in patients receiving palliative care.

We are also developing an intravenous form of methylnaltrexone in collaboration with Wyeth for the management of post-operative ileus, a serious condition of the gastrointestinal tract. We and Wyeth have initiated two global pivotal phase 3 clinical trials to evaluate the safety and efficacy of intravenous methylnaltrexone for the treatment of post-operative ileus.

Under the Collaboration Agreement, Wyeth is also developing oral methylnaltrexone for the treatment of opioid-induced constipation in patients with chronic pain. Prior to the Collaboration Agreement, we had completed phase 1 clinical trials of oral methylnaltrexone in healthy volunteers, which indicated that methylnaltrexone was well tolerated. Wyeth has also conducted certain additional phase 1 clinical trials of oral methylnaltrexone and in August 2006 initiated a phase 2 clinical trial to evaluate once-daily dosing of oral methylnaltrexone. Preliminary results from the phase 2 trial, conducted by Wyeth, showed that the initial formulation of oral methylnaltrexone was generally well tolerated but did not exhibit sufficient clinical activity to advance into phase 3 testing. Wyeth began clinical testing in March 2007 of a new formulation of oral methylnaltrexone for the treatment of opioid-induced constipation.

Wyeth made a \$60 million non-refundable upfront payment to us under the Collaboration Agreement, for which we deferred the recognition of revenue at December 31, 2005 since work under the Collaboration Agreement did not commence until January 2006. Wyeth is obligated to make up to \$356.5 million in additional payments to us upon the achievement of milestones and contingent events in the development and commercialization of methylnaltrexone. All costs for the development of methylnaltrexone incurred by Wyeth or us starting January 1, 2006 are being paid by Wyeth. We are being reimbursed for our out-of-pocket development costs by Wyeth and will receive reimbursement for our efforts based on the number of our full time equivalent employees (“FTE’s”) devoted to the development project. Wyeth is obligated to pay to us royalties on the sale by Wyeth of methylnaltrexone throughout the world during the applicable royalty periods.

### ***Virology***

In the area of virology, we are developing viral entry inhibitors, which are molecules designed to inhibit the virus’ ability to enter certain types of immune system cells. In mid-2005, we announced positive phase 1 clinical findings related to PRO 140, a monoclonal antibody designed to target the HIV co-receptor CCR5, in healthy volunteers. A phase 1b trial of PRO 140 in HIV-infected patients began in December 2005 and completed enrollment and dosing in December 2006. On May 1, 2007, we announced positive results from the phase 1b trial. Patients receiving a single 5.0 mg/kg dose of PRO 140, which was the highest dose tested, achieved an average maximum decrease of viral concentrations in the blood of 98.5%. In these patients, reductions in viral load of greater than 90% on average persisted for two to three weeks after dosing. In addition, PRO 140 was generally well tolerated in this phase 1b proof-of-concept study. PRO 140 was granted Fast Track status from the U.S. Food and Drug Administration, and we plan to initiate additional clinical testing in the second half of 2007. We are also conducting research into therapeutics for hepatitis C virus infection that block viral entry into cells.

### ***Oncology***

We are developing immunotherapies for prostate cancer, including monoclonal antibodies directed against prostate-specific membrane antigen (“PSMA”), a protein found on the surface of prostate cancer cells. We are also developing vaccines designed to stimulate an immune response to PSMA. We are also studying a cancer vaccine, GMK, in phase 3 clinical trials for the treatment of malignant melanoma.

**Results of Operations (amounts in thousands)****Revenues:**

Our sources of revenue during the three months ended March 31, 2007 and 2006 included our collaboration with Wyeth, which began in December 2005, our research grants and contracts and, to a small extent, our sale of research reagents.

Sources of Revenue	Three Months Ended March 31,		Percent Change
	2007	2006	
Contract research from collaborator	\$ 15,499	\$ 8,488	83%
Research grants and contract	2,119	2,462	(14%)
Product sales	19	51	(63%)
Total	\$ 17,637	\$ 11,001	60%

**Contract research from collaborator**

During the three months ended March 31, 2007 and 2006, we recognized \$15,499 and \$8,488, respectively, of revenue from Wyeth, including \$4,988 and \$4,429, respectively, of the \$60,000 upfront payment we received upon entering into our collaboration in December 2005 and \$10,511 and \$4,059, respectively, as reimbursement of our development expenses, including our labor costs. Since the inception of the Collaboration Agreement, we recognized \$23,819 of revenue from the \$60 million upfront payment, \$45,095 as reimbursement for our out-of-pocket development costs, including our labor costs and \$5,000 for a non-refundable milestone payment in the fourth quarter of 2006. We recognize a portion of the upfront payment in accordance with the proportionate performance method, which is based on the percentage of actual effort performed on our development obligations in that period relative to total effort budgeted for all of our performance obligations under the arrangement. Reimbursement of development costs, including our labor costs, is recognized as revenue as the costs are incurred under the development plan agreed to by us and Wyeth. See *Critical Accounting Policies -Revenue Recognition*, below.

**Research grants and contract**

Revenues from research grants and contract decreased to \$2,119 for the three months ended March 31, 2007 from \$2,462 for the three months ended March 31, 2006; \$1,296 and \$1,833 from grants and \$823 and \$629 from the contract awarded to us by the National Institutes of Health in September 2003 (the "NIH Contract") for the three months ended March 31, 2007 and 2006, respectively. The decrease resulted from the expiration, prior to 2007, of several 2006 grants partially offset by an increase in work on some of the remaining 2007 grants, including \$13,100 in grants we were awarded during 2005, \$10,100 of which was to partially fund our PRO 140 program over a three and a half year period. In addition, there was increased activity under the NIH Contract. The NIH Contract provides for up to \$28,600 in funding to us over five years for preclinical research, development and early clinical testing of a vaccine designed to prevent HIV from infecting individuals exposed to the virus. A total of approximately \$3,700 is earmarked under the NIH Contract to fund such subcontracts. Funding under the NIH Contract is subject to compliance with its terms, including the annual approved budgets. The payment of an aggregate of \$1,600 in fees (of which \$180 had been recognized as revenue as of March 31, 2007) is subject to achievement of specified milestones.

**Product sales**

Revenues from product sales decreased to \$19 for the three months ended March 31, 2007 from \$51 for the three months ended March 31, 2006. We received fewer orders for research reagents during 2007.

**Expenses:****Research and Development Expenses:**

Research and development expenses include scientific labor, supplies, facility costs, clinical trial costs, product manufacturing costs and license fees. Research and development expenses increased to \$23,171 for the three months ended March 31, 2007 from \$10,558 for the three months ended March 31, 2006, as follows:

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Salaries and benefits (cash)</b>	\$5,524	\$3,832	44%

The increase was due to company-wide compensation increases and an increase in average headcount to 180 from 122 for the three months ended March 31, 2007 and 2006, respectively, in the research and development, manufacturing and clinical departments.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Share-based compensation (non-cash)</b>	\$1,615	\$1,193	35%

Increase due to increase in headcount and changes in the fair market value of our common stock. (see *Critical Accounting Policies – Share-Based Payment Arrangements*, below). The amount of non-cash compensation expense is expected to increase in the future in conjunction with increased headcount.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Clinical trial costs</b>	\$4,649	\$1,607	189%

Increase primarily related to Methylnaltrexone (\$3,226) due to initiation of global pivotal phase 3 clinical trials for the intravenous form in the fourth quarter of 2006, HIV (\$111), resulting from an increase in the PRO 140 trial activity in the 2007 period and Other projects (\$1). The increases were partially offset by a decrease in Cancer-related costs (\$296), due to achievement of full enrollment in our GMK phase 3 trial in the fourth quarter of 2005, which resulted in an increase in the number of patients completing the full trial regimen in 2006 and 2007 and, consequently, a decreased number of patients treated in the 2007 period. During the remainder of 2007, clinical trial costs are expected to increase as we conduct clinical trials of intravenous methylnaltrexone and PRO 140.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Laboratory supplies</b>	\$1,657	\$927	79%

Increase in HIV-related costs (\$278), due to manufacture of materials for clinical trials, an increase in basic research in 2007 for Cancer (\$54), Other projects (\$292) and computer software related to the preparation for filing of a New Drug Application for Methylnaltrexone (\$106) in March 2007. These trends are expected to continue during 2007.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Contract manufacturing and subcontractors</b>	\$6,094	\$1,135	437%

Increase in Methylnaltrexone (\$180) related to clinical trials under our collaboration with Wyeth, HIV (\$2,216), Cancer (\$2,382) and Other projects (\$181). These expenses are related to the conduct of clinical trials, including testing, analysis, formulation and toxicology services and vary as the timing and level of such services are required. We expect these costs to increase during the remainder of 2007 as we expand our clinical trial costs for methylnaltrexone, PRO 140 and other projects.



	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Consultants</b>	\$1,571	\$572	175%

Increases in Methylalntrexone (\$955), HIV (\$23) and Other projects (\$43), partially offset by a decrease in Cancer (\$22). These expenses are related to the monitoring and conduct of clinical trials, including analysis of data from completed clinical trials and vary as the timing and level of such services are required. During 2007, consultant expenses are expected to increase for all of our research and development programs.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>License fees</b>	\$750	\$275	173%

Increase primarily related to payments in 2007 but not 2006 related to our Cancer program (\$620) and HIV program (\$5), partially offset by a decrease in Methylalntrexone (\$150) related to payments to the University of Chicago. The amounts of license fees for 2007 are expected to be similar to those for 2006.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Other operating expenses</b>	\$1,311	\$1,017	29%

Increase primarily due to expenses related to rent (\$139), facilities expenses (\$23), seminar costs (\$15), travel (\$52) and other operating expenses (\$65). In 2007, operating expenses are expected to increase over those of 2006, due to higher rent and facility expenses.

A major portion of our spending has been, and we expect will continue to be, associated with methylalntrexone, although beginning in 2006, Wyeth has been reimbursing us for development expenses we incur related to methylalntrexone under the development plan agreed to between us and Wyeth. Spending for our PRO 140 and other development programs is also expected to increase significantly during the remainder of 2007.

#### **General and Administrative Expenses:**

General and administrative expenses increased to \$6,276 for the three months ended March 31, 2007 from \$4,512 for the three months ended March 31, 2006, as follows:

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Salaries and benefits (cash)</b>	\$1,958	\$1,465	34%

Increase due to compensation increases and an increase in average headcount to 42 from 26 in the general and administrative departments for the three months ended March 31, 2007 and 2006, respectively, including the hiring of our Vice President, Commercial Development and Operations in January 2007.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Share-based compensation (non-cash)</b>	\$1,333	\$1,030	29%

Increase due to increased headcount and changes in the fair market value of our common stock (see *Critical Accounting Policies – Share-Based Payment Arrangements*, below). The amount of non-cash compensation expense is expected to increase in the future in conjunction with increased headcount.



	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Consulting and professional fees</b>	\$1,840	\$1,108	66%

Increase due primarily to increases in consulting fees (\$264), recruiting fees (\$45), legal and patent fees (\$416) and audit and tax fees (\$12), which were partially offset by a decrease in other miscellaneous costs (\$5).

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Other operating expenses</b>	\$1,145	\$909	26%

Increase in travel (\$17), computer supplies and software (\$85), rent (\$43), investor relations (\$70) conference costs (\$2), and other operating expenses (\$77) due to increased headcount, partially offset by a decrease in corporate sales and franchise taxes (\$58). Operating costs are expected to increase during 2007

We expect general and administrative expenses to increase during the remainder of 2007 due to an increase in headcount.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Loss in Joint Venture</b>		\$121	(100%)

On April 20, 2006, PSMA LLC became our wholly owned subsidiary and, accordingly, we did not recognize loss in joint venture from the date of acquisition. During the three months ended March 31, 2006, our 50% portion of the research and development expenses and general and administrative expenses of PSMA LLC was \$121.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Depreciation and Amortization</b>	\$492	\$363	36%

Depreciation expense increased to \$492 for the three months ended March 31, 2007 from \$363 for the three months ended March 31, 2006. We purchased more capital assets and made more leasehold improvements in 2007 than in 2006 to increase our research and manufacturing capacity.

	<b>Three Months Ended March 31,</b>		<b>Percent Change</b>
	<b>2007</b>	<b>2006</b>	
<b>Other Income</b>	\$1,869	\$1,910	(2%)

Interest income decreased to \$1,869 for the three months ended March 31, 2007 from \$1,910 for the three months ended March 31, 2006. Interest income, as reported, is primarily the result of investment income from our marketable securities, offset by the amortization of premiums and discounts we paid for those marketable securities. For the three months ended March 31, 2007 and 2006, investment income decreased to \$1,820 from \$1,932, respectively, due to a lower average balance of cash equivalents and marketable securities in 2007 than in 2006. Amortization of discounts net of premiums, which is included in interest income, decreased to (\$49) from \$22 for the three months ended March 31, 2007 and 2006, respectively.

#### **Net Loss:**

Our net loss was \$10,433 for the three months ended March 31, 2007 and \$2,643 for the three months ended March 31, 2006.



## Liquidity and Capital Resources

### Overview

We have to date generated no meaningful amounts of product revenue, and consequently we have relied principally on external funding to finance our operations. We have funded our operations since inception primarily through private placements of equity securities, payments received under collaboration agreements, public offerings of common stock, funding under government research grants and contracts, interest on investments, the proceeds from the exercise of outstanding options and warrants and the sale of our common stock under our Employee Stock Purchase Plans. At March 31, 2007, we had cash, cash equivalents and marketable securities, including non-current portion, totaling \$140.1 million compared with \$149.1 million at December 31, 2006. Our existing cash, cash equivalents and marketable securities at March 31, 2007 are sufficient to fund current operations for at least one year. Our marketable securities, which include corporate debt and securities of government-sponsored entities, are classified as available for sale. The majority of these investments have short maturities. Interest rate increases during 2006 have generally resulted in a decrease in the market value of our portfolio. Based upon our currently projected sources and uses of cash, we intend to hold these securities until a recovery of fair value, which may be maturity. Therefore, we do not consider these marketable securities to be other-than-temporarily impaired at March 31, 2007.

The following is a discussion of cash flow activities:

	<b>Three Months Ended</b>	
	<b>March 31,</b>	
	<b>2007</b>	<b>2006</b>
	<b>in thousands</b>	
<b>Net cash (used in) provided by:</b>		
Operating activities	\$ (10,834)	\$ (5,184)
Investing activities	16,320	(35,983)
Financing activities	2,804	2,446

- Cash used in operating activities for the three months ended March 31, 2007 resulted primarily from a net loss of \$10.4 million, which was offset by \$2.9 million of non-cash compensation expense from the issuance of restricted stock and stock options to employees and non-employees and \$0.5 million of depreciation expense on our fixed assets. Significant changes in operating assets and liabilities between March 31, 2007 and December 31, 2006 were: a decrease of \$5.3 million in deferred revenue resulting from the amortization of the \$60 million upfront payment received from Wyeth in 2005; and an increase of \$1.1 million in accounts payable and accrued expenses, due to timing of payments.

During the three months ended March 31, 2006, cash used in operating activities was mostly the result of a net loss of \$2.6 million which was offset by \$2.2 million of non-cash compensation expense from the issuance of restricted stock and stock options to employees and non-employees, \$0.4 million in depreciation expense and \$0.1 million of loss from our PSMA LLC joint venture. Significant changes in operating assets and liabilities between March 31, 2006 and December 31, 2005 were: a decrease of \$2.9 million in deferred revenue resulting from the amortization of a portion of the upfront payment received from Wyeth. In addition, there was a decrease of \$2.1 million in trade accounts receivable, primarily due to timing of the reimbursement of our first quarter 2006 expenses under grants and contract with the NIH; and a decrease of \$3.7 million in accounts payable and accrued expenses due to timing of payments.

- Net cash used in investing activities for the three months ended March 31, 2007 resulted primarily from the sale of \$69.4 million of marketable securities offset by the purchase of \$52.1 million of marketable securities. We purchase and sell marketable securities in order to provide funding for our operations and to achieve appreciation of our unused cash in a low risk environment. We also purchased \$1.1 million and \$0.8 million of fixed assets, during the three months ended March 31, 2007 and 2006, respectively, including capital equipment and leasehold improvements as we acquired and built out additional manufacturing space and purchased more laboratory equipment for our expanding research and development projects.
- The net cash provided by financing activities for the three months ended March 31, 2007 and 2006 includes the exercise of stock options under our Stock Incentive Plans and the sale of common stock under our Employee Stock Purchase Plans. Cash received from exercises under such plans during the three months ended March 31, 2007 was more than that during the three months ended March 31, 2006 due to an increase in headcount.



## Sources of Cash

Since January 2006, Wyeth has been reimbursing us for development expenses we incur related to methylnaltrexone under the development plan agreed to between us and Wyeth, which is expected to continue through 2008. Wyeth has and will continue to provide milestone and other contingent payments upon the achievement of certain events. Wyeth will also fund all commercialization costs of methylnaltrexone products. For the three months ended March 31, 2007, we received \$10.5 million of reimbursement of our development costs, which are within the development plan approved by the parties.

The funding by Wyeth of our development costs for methylnaltrexone enables us to devote our current and future resources to our other research and development programs. We may also enter into collaboration agreements with respect to other of our product candidates. We cannot forecast with any degree of certainty, however, which products or indications, if any, will be subject to future collaborative arrangements, or how such arrangements would affect our capital requirements. The consummation of other collaboration agreements would further allow us to advance other projects with our current funds.

However, unless we obtain regulatory approval from the FDA for at least one of our product candidates and/or enter into agreements with corporate collaborators with respect to the development of our technologies in addition to that for methylnaltrexone, we will be required to fund our operations for periods in the future, by seeking additional financing through future offerings of equity or debt securities or funding from additional grants and government contracts. Adequate additional funding may not be available to us on acceptable terms or at all. Our inability to raise additional capital on terms reasonably acceptable to us would seriously jeopardize the future success of our business.

In September 2003, we were awarded a contract from the NIH. The NIH Contract provides for up to \$28.6 million in funding, subject to annual funding approvals, to us over five years for preclinical research, development and early clinical testing of a prophylactic vaccine designed to prevent HIV from becoming established in uninfected individuals exposed to the virus. These funds are being used principally in connection with our ProVax HIV vaccine program. A total of approximately \$3.7 million is earmarked under the NIH Contract to fund subcontracts. Funding under the NIH Contract is subject to compliance with its terms, and the payment of an aggregate of \$1.6 million in fees is subject to achievement of specified milestones. Through March 31, 2007, we had recognized revenue of \$10.2 million from this contract, including \$180,000 for the achievement of two milestones.

We have also been awarded grants from the NIH, which provide ongoing funding for a portion of our virology and cancer research programs for periods including the three months ended March 31, 2007 and 2006. Among those grants were two awards made during 2005, which provide for up to \$3.0 million and \$10.1 million, respectively, in support for our hepatitis C virus research program and PRO 140 HIV development program, respectively, to be awarded over a three year and a three and a half year period, respectively. Funding under all of our NIH grants is subject to compliance with their terms, and is subject to annual funding approvals. For the three months ended March 31, 2007 and 2006, we recognized \$1.3 million and \$1.8 million, respectively, of revenue from all of our NIH grants.

Other than amounts to be received from Wyeth and from currently approved grants and contracts, we have no committed external sources of capital. Other than potential revenues from methylnaltrexone, we expect no significant product revenues for a number of years as it will take at least that much time, if ever, to bring our products to the commercial marketing stage.

In January 2006, we registered 4.0 million shares of our common stock, pursuant to the Security and Exchange Commission's shelf registration process, for future sales. However, there can be no assurance that we will be able to complete any further securities transactions.

## Uses of Cash

Our total expenses for research and development, including license fees, from inception through March 31, 2007 have been approximately \$320.4 million. We currently have major research and development programs investigating gastroenterology, HIV-related diseases and oncology. In addition, we are conducting several smaller research projects in the areas of virology and oncology. For various reasons, many of which are outside of our control, including the early stage of certain of our programs, the timing and results of our clinical trials and our dependence in certain instances on third parties, we cannot estimate the total remaining costs to be incurred and timing to complete our research and development programs.

For the three months ended March 31, 2007 and 2006, research and development costs incurred were as follows.

	<b>Three Months Ended March 31,</b>	
	<b>2007</b>	<b>2006</b>
	(in millions)	
Methylnaltrexone	\$ 10.2	\$ 5.3
HIV	6.4	3.2
Cancer	4.8	1.6
Other programs	1.8	0.5
Total	<u>\$ 23.2</u>	<u>\$ 10.6</u>

As we proceed with our development responsibilities under our methylnaltrexone programs, although we expect that our spending on methylnaltrexone will increase significantly during 2007, our cash outlays in accordance with the agreed upon development plan will be reimbursed by Wyeth. We also expect that spending on our PRO 140 and other programs will increase substantially during 2007 and beyond. Consequently, we may require additional funding to continue our research and product development programs, to conduct preclinical studies and clinical trials, for operating expenses, to pursue regulatory approvals for our product candidates, for the costs involved in filing and prosecuting patent applications and enforcing or defending patent claims, if any, for the cost of product in-licensing and for any possible acquisitions. Manufacturing and commercialization expenses for methylnaltrexone will be funded by Wyeth. However, if we exercise our option to co-promote methylnaltrexone products in the U.S., which must be approved by Wyeth, we will be required to establish and fund a salesforce, which we currently do not have. If we commercialize any other product candidate other than with a corporate collaborator, we would also require additional funding to establish manufacturing and marketing capabilities.

Our purchase of rights from our methylnaltrexone licensors in December 2005 have extinguished our cash payments that would have been due to those licensors in the future upon the achievement of certain events, including sales of methylnaltrexone products. We continue, however, to be responsible to make payments (including royalties) to the University of Chicago upon the occurrence of certain events.

During the three months ended March 31, 2007 and 2006, we have spent \$1.1 million and \$0.8 million, respectively, on capital expenditures, including the build-out of our laboratories and manufacturing facilities and laboratory equipment. During the remainder of 2007 and beyond, we expect further expenditures as we continue to lease and renovate additional laboratory and manufacturing space and increase headcount of our research and development and administrative staff.

### Contractual Obligations

Our funding requirements, both for the next 12 months and beyond, will include required payments under operating leases and licensing and collaboration agreements. The following table summarizes our contractual obligations as of March 31, 2007 for future payments under these agreements:

	<b>Payments due by March 31,</b>				
	<b>Total</b>	<b>2008</b>	<b>2009-2010</b>	<b>2011-2012</b>	<b>Thereafter</b>
	(in millions)				
Operating leases	\$ 7.5	\$ 2.4	\$ 4.2	\$ 0.4	\$ 0.5
License and collaboration agreements (1)	98.9	2.8	4.1	3.2	88.8
Total	<u>\$ 106.4</u>	<u>\$ 5.2</u>	<u>\$ 8.3</u>	<u>\$ 3.6</u>	<u>\$ 89.3</u>

- (1) Assumes attainment of milestones covered under each agreement, including those by PSMA LLC. The timing of the achievement of the related milestones is highly uncertain, and accordingly the actual timing of payments, if any, is likely to vary, perhaps significantly, relative to the timing contemplated by this table.

For each of our programs, we periodically assess the scientific progress and merits of the programs to determine if continued research and development is economically viable. Certain of our programs have been terminated due to the lack of scientific progress and lack of prospects for ultimate commercialization. Because of the uncertainties associated with research and development of these programs, the duration and completion costs of our research and development projects are difficult to estimate and are subject to considerable variation. Our inability to complete our research and development projects in a timely manner or our failure to enter into collaborative agreements could significantly increase our capital requirements and adversely impact our liquidity.



Our cash requirements may vary materially from those now planned because of results of research and development and product testing, changes in existing relationships or new relationships with, licensees, licensors or other collaborators, changes in the focus and direction of our research and development programs, competitive and technological advances, the cost of filing, prosecuting, defending and enforcing patent claims, the regulatory approval process, manufacturing and marketing and other costs associated with the commercialization of products following receipt of regulatory approvals and other factors.

The above discussion contains forward-looking statements based on our current operating plan and the assumptions on which it relies. There could be changes that would consume our assets earlier than planned.

### **Off-Balance Sheet Arrangements and Guarantees**

We have no off-balance sheet arrangements and do not guarantee the obligations of any other unconsolidated entity.

### **Critical Accounting Policies**

We prepare our financial statements in conformity with accounting principles generally accepted in the United States of America. Our significant accounting policies are disclosed in Note 2 to our financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2006. The selection and application of these accounting principles and methods requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses, as well as certain financial statement disclosures. On an ongoing basis, we evaluate our estimates. We base our estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances. The results of our evaluation form the basis for making judgments about the carrying values of assets and liabilities that are not otherwise readily apparent. While we believe that the estimates and assumptions we use in preparing the financial statements are appropriate, these estimates and assumptions are subject to a number of factors and uncertainties regarding their ultimate outcome and, therefore, actual results could differ from these estimates.

We have identified our critical accounting policies and estimates below. These are policies and estimates that we believe are the most important in portraying our financial condition and results of operations, and that require our most difficult, subjective or complex judgments, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. We have discussed the development, selection and disclosure of these critical accounting policies and estimates with the Audit Committee of our Board of Directors.

#### *Revenue Recognition*

On December 23, 2005, we entered into a license and co-development agreement with Wyeth, which includes a non-refundable upfront license fee, reimbursement of development costs, research and development payments based upon our achievement of clinical development milestones, contingent payments based upon the achievement by Wyeth of defined events and royalties on product sales. We began recognizing contract research revenue from Wyeth on January 1, 2006. During the three months ended March 31, 2007 and 2006, we also recognized revenue from government research grants and contracts, which are used to subsidize a portion of certain of our research projects (“Projects”), exclusively from the NIH. We also recognized revenue from the sale of research reagents during those periods. We recognize revenue from all sources based on the provisions of the Securities and Exchange Commission’s Staff Accounting Bulletin No. 104 (“SAB 104”) “Revenue Recognition”, Emerging Issues Task Force Issue No. 00-21 (“EITF 00-21”) “Accounting for Revenue Arrangements with Multiple Deliverables” and EITF Issue No. 99-19 (“EITF 99-19”) “Reporting Revenue Gross as a Principal Versus Net as an Agent”.

Non-refundable upfront license fees are recognized as revenue when we have a contractual right to receive such payment, the contract price is fixed or determinable, the collection of the resulting receivable is reasonably assured and we have no further performance obligations under the license agreement. Multiple element arrangements, such as license and development arrangements, are analyzed to determine whether the deliverables, which often include a license and performance obligations, such as research and steering committee services, can be separated or whether they must be accounted for as a single unit of accounting in accordance with EITF 00-21. We would recognize upfront license payments as revenue upon delivery of the license only if the license had standalone value and the fair value of the undelivered performance obligations, typically including research or steering committee services, could be determined. If the fair value of the undelivered performance obligations could be determined, such obligations would then be accounted for separately as performed. If the license is considered to either (i) not have standalone value or (ii) have standalone value but the fair value of any of the undelivered performance obligations could not be determined, the arrangement would then be accounted for as a single unit of accounting and the upfront license payments would be recognized as revenue over the estimated period of when our performance obligations are performed.

Whenever we determine that an arrangement should be accounted for as a single unit of accounting, we must determine the period over which the performance obligations will be performed and revenue related to upfront license payments will be recognized. Revenue will be recognized using either a proportionate performance or straight-line method. We recognize revenue using the proportionate performance method provided that we can reasonably estimate the level of effort required to complete our performance obligations under an arrangement and such performance obligations are provided on a best-efforts basis. Direct labor hours or full-time equivalents will typically be used as the measure of performance. Under the proportionate performance method, revenue related to upfront license payments is recognized in any period as the percent of actual effort expended in that period relative to total effort budgeted for all of our performance obligations under the arrangement.

If we cannot reasonably estimate the level of effort required to complete our performance obligations under an arrangement and the performance obligations are provided on a best-efforts basis, then the total upfront license payments would be recognized as revenue on a straight-line basis over the period we expect to complete our performance obligations.

Significant management judgment is required in determining the level of effort required under an arrangement and the period over which we expect to complete our performance obligations under the arrangement. In addition, if we are involved in a steering committee as part of a multiple element arrangement that is accounted for as a single unit of accounting, we assess whether our involvement constitutes a performance obligation or a right to participate.

Collaborations may also contain substantive milestone payments. Substantive milestone payments are considered to be performance payments that are recognized upon achievement of the milestone only if all of the following conditions are met: (1) the milestone payment is non-refundable; (2) achievement of the milestone involves a degree of risk and was not reasonably assured at the inception of the arrangement; (3) substantive effort is involved in achieving the milestone, (4) the amount of the milestone payment is reasonable in relation to the effort expended or the risk associated with achievement of the milestone, and (5) a reasonable amount of time passes between the upfront license payment and the first milestone payment as well as between each subsequent milestone payment (the “Substantive Milestone Method”).

Determination as to whether a milestone meets the aforementioned conditions involves management’s judgment. If any of these conditions are not met, the resulting payment would not be considered a substantive milestone and, therefore, the resulting payment would be considered part of the consideration for the single unit of accounting and be recognized as revenue as such performance obligations are performed under either the proportionate performance or straight-line methods, as applicable, and in accordance with the policies described above.

We will recognize revenue for payments that are contingent upon performance solely by our collaborator immediately upon the achievement of the defined event if we have no related performance obligations.

Reimbursement of costs is recognized as revenue provided the provisions of EITF 99-19 are met, the amounts are determinable and collection of the related receivable is reasonably assured.

Royalty revenue is recognized upon the sale of related products, provided that the royalty amounts are fixed or determinable, collection of the related receivable is reasonably assured and we have no remaining performance obligations under the arrangement. If royalties are received when we have remaining performance obligations, the royalty payments would be attributed to the services being provided under the arrangement and, therefore, would be recognized as such performance obligations are performed under either the proportionate performance or straight-line methods, as applicable, and in accordance with the policies described above.

Amounts received prior to satisfying the above revenue recognition criteria are recorded as deferred revenue in the accompanying consolidated balance sheets. Amounts not expected to be recognized within one year of the balance sheet date are classified as long-term deferred revenue. The estimate of the classification of deferred revenue as short-term or long-term is based upon management’s current operating budget for the Wyeth collaboration agreement for our total effort required to complete our performance obligations under that arrangement. That estimate may change in the future and such changes to estimates would result in a change in the amount of revenue recognized in future periods.

NIH grant and contract revenue is recognized as efforts are expended and as related subsidized Project costs are incurred. We perform work under the NIH grants and contract on a best-effort basis. The NIH reimburses us for costs associated with Projects in the fields of virology and cancer, including preclinical research, development and early clinical testing of a prophylactic vaccine designed to prevent HIV from becoming established in uninfected individuals exposed to the virus, as requested by the NIH. Substantive at-risk milestone payments are uncommon in these arrangements, but would be recognized as revenue on the same basis as the Substantive Milestone Method.



### Share-Based Payment Arrangements

Our share-based compensation to employees includes non-qualified stock options, restricted stock (nonvested shares) and shares issued under our Employee Stock Purchase Plans (the “Purchase Plans”), which are compensatory under Statement of Financial Accounting Standards No. 123 (revised 2004) *Share-Based Payment* (“SFAS No. 123(R)”). We account for share-based compensation to non-employees, including non-qualified stock options and restricted stock (nonvested shares), in accordance with Emerging Issues Task Force Issue No. 96-18 *Accounting for Equity Instruments that are Issued to Other Than Employees for Acquiring, or in Connection with Selling, Goods or Services*, which is unchanged as a result of our adoption of SFAS No. 123(R).

We adopted SFAS No. 123(R) using the modified prospective application, under which compensation cost for all share-based awards that were unvested as of the adoption date and those newly granted or modified after the adoption date will be recognized in our financial statements over the related requisite service periods; usually the vesting periods for awards with a service condition. Compensation cost is based on the grant-date fair value of awards that are expected to vest. We apply a forfeiture rate to the number of unvested awards in each reporting period in order to estimate the number of awards that are expected to vest. Estimated forfeiture rates are based upon historical data on vesting behavior of employees. We adjust the total amount of compensation cost recognized for each award, in the period in which each award vests, to reflect the actual forfeitures related to that award. Changes in our estimated forfeiture rate will result in changes in the rate at which compensation cost for an award is recognized over its vesting period. We have made an accounting policy decision to use the straight-line method of attribution of compensation expense, under which the grant date fair value of share-based awards will be recognized on a straight-line basis over the total requisite service period for the total award.

Under SFAS No. 123(R), the fair value of each non-qualified stock option award is estimated on the date of grant using the Black-Scholes option pricing model, which requires input assumptions of stock price on the date of grant, exercise price, volatility, expected term, dividend rate and risk-free interest rate.

- We use the closing price of our common stock on the date of grant, as quoted on The NASDAQ Stock Market LLC, as the exercise price.
- Historical volatilities are based upon daily quoted market prices of our common stock on The NASDAQ Stock Market LLC over a period equal to the expected term of the related equity instruments. We rely only on historical volatility since future volatility is expected to be consistent with historical; historical volatility is calculated using a simple average calculation; historical data is available for the length of the option’s expected term and a sufficient number of price observations are used consistently. Since our stock options are not traded on a public market, we do not use implied volatility. For the three months ended March 31, 2007 and 2006, the volatility of our common stock for periods equal to the expected term of options granted during those periods has been high, 55% - 89% and 94%, respectively, which is common for entities in the biotechnology industry that do not have commercial products. A higher volatility input to the Black-Scholes model increases the resulting compensation expense.
- The expected term of options granted represents the period of time that options granted are expected to be outstanding. For the three months ended March 31, 2007, our expected term has been calculated based upon historical data related to exercise and post-termination cancellation activity for each of two groups of recipients of stock options: employees and officers and directors. Accordingly, for grants made to each of the groups mentioned above, we are using expected terms of 5.25 and 7.5 years, respectively. For the three months ended March 31, 2006, our expected term was calculated based upon the simplified method as detailed in Staff Accounting Bulletin No. 107 (“SAB 107”). We used an expected term of 6.5 years for options granted in 2006, based upon the vesting period of the outstanding options of four or five years and a contractual term of ten years. Expected term for options granted to non-employee consultants was ten years, which is the contractual term of those options. A shorter expected term would result in a lower compensation expense.
- We have never paid dividends and do not expect to pay dividends in the future. Therefore, our dividend rate is zero.
- The risk-free rate for periods within the expected term of the options is based on the U.S. Treasury yield curve in effect at the time of grant.

A portion of the options granted to our Chief Executive Officer on July 1, 2002, 2003, 2004 and 2005 and on July 3, 2006 cliff vests after nine years and eleven months from the respective grant date. Vesting of a defined portion of each award will occur earlier if a defined performance condition is achieved; more than one condition may be achieved in any period. In accordance with SFAS No. 123(R), at the end of each reporting period, we will estimate the probability of achievement of each performance condition and will use those probabilities to determine the requisite service period of each award. The requisite service period for the award is the shortest of the explicit or implied service periods. In the case of the executive's options, the explicit service period is nine years and eleven months from the respective grant dates. The implied service periods related to the performance conditions are the estimated times for each performance condition to be achieved. Thus, compensation expense will be recognized over the shortest estimated time for the achievement of performance conditions for that award (assuming that the performance conditions will be achieved before the cliff vesting occurs). Changes in the estimate of probability of achievement of any performance condition will be reflected in compensation expense of the period of change and future periods affected by the change.

The fair value of shares purchased under the Purchase Plans is estimated on the date of grant in accordance with FASB Technical Bulletin No. 97-1 *Accounting under Statement 123 for Certain Employee Stock Purchase Plans with a Look-Back Option*. The same option valuation model is used for the Purchase Plans as for non-qualified stock options, except that the expected term for the Purchase Plans is six months and the historical volatility is calculated over the six month expected term.

In applying the treasury stock method for the calculation of diluted earnings per share ("EPS"), amounts of unrecognized compensation expense and windfall tax benefits are required to be included in the assumed proceeds in the denominator of the diluted earnings per share calculation unless they are anti-dilutive. We incurred a net loss for the three months ended March 31, 2007 and 2006, and, therefore, such amounts have not been included for those periods in the calculation of diluted EPS since they would be anti-dilutive. Accordingly, basic and diluted EPS are the same for those periods. We have made an accounting policy decision to calculate windfall tax benefits/shortfalls for purposes of diluted EPS calculations, excluding the impact of pro forma deferred tax assets. This policy decision will apply when we have net income.

For the three months ended March 31, 2007, total compensation cost for share-based payment arrangements recognized in operations was \$2.9 million; \$1.6 million of which was reported as research and development expense and \$1.3 million of which was reported as general and administrative expense. No tax benefit was recognized related to that compensation cost because we had a net loss for the period and the related deferred tax assets were fully offset by a valuation allowance. Accordingly, no amounts related to windfall tax benefits have been reported in cash flows from operations or cash flows from financing activities for the three months ended March 31, 2007.

#### *Clinical Trial Expenses*

Clinical trial expenses, which are included in research and development expenses, represent obligations resulting from our contracts with various clinical investigators and clinical research organizations in connection with conducting clinical trials for our product candidates. Such costs are expensed based on the expected total number of patients in the trial, the rate at which the patients enter the trial and the period over which the clinical investigators and clinical research organizations are expected to provide services. We believe that this method best approximates the efforts expended on a clinical trial with the expenses we record. We adjust our rate of clinical expense recognition if actual results differ from our estimates. We expect that clinical trial expenses will increase significantly during 2007 as clinical trials progress or are initiated in the methylxantrexone and HIV programs. Our collaboration agreement with Wyeth regarding methylxantrexone in which Wyeth has assumed all of the financial responsibility for further development will mitigate those costs.

#### **Impact of Recently Issued Accounting Standards**

On September 15, 2006, the FASB issued FASB Statement No. 157, *Fair Value Measurements* ("FAS 157"), which addresses how companies should measure the fair value of assets and liabilities when they are required to use a fair value measure for recognition or disclosure purposes under generally accepted accounting principles. FAS 157 does not expand the use of fair value in any new circumstances. Under FAS 157, fair value refers to the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants in the market in which the reporting entity transacts. FAS 157 clarifies the principle that fair value should be based on the assumptions market participants would use when pricing the asset or liability. In support of this principle, the standard establishes a fair value hierarchy that prioritizes the information used to develop those assumptions. The fair value hierarchy gives the highest priority to quoted prices in active markets and the lowest priority to unobservable data, for example, the reporting entity's own data. FAS 157 requires disclosures intended to provide information about (1) the extent to which companies measure assets and liabilities at fair value, (2) the methods and assumptions used to measure fair value, and (3) the effect of fair value measures on earnings. We will adopt FAS 157 on January 1, 2008. We do not expect the impact of the adoption of FAS 157 to be material to our financial position or results of operations.



In February, 2007, the FASB issued FASB Statement No. 159 *The Fair Value Option for Financial Assets and Financial Liabilities* (“FAS 159”), which provides companies with an option to report certain financial assets and liabilities at fair value. Unrealized gains and losses on items for which the fair value option has been elected are reported in earnings. FAS 159 also establishes presentation and disclosure requirements designed to facilitate comparisons between companies that choose different measurement attributes for similar types of assets and liabilities. The objective of FAS 159 is to reduce both complexity in accounting for financial instruments and the volatility in earnings caused by measuring related assets and liabilities differently. FAS159 is effective for fiscal years beginning after November 15, 2007. We have not yet determined the impact FAS 159 may have on our results of operations or financial position.

### **Item 3. Quantitative and Qualitative Disclosures about Market Risk**

Our primary investment objective is to preserve principal while maximizing yield without significantly increasing our risk. Our investments consist of taxable auction securities, corporate notes and federal agency issues. Our investments totaled \$137.2 million at March 31, 2007. Approximately \$72.6 million of these investments had fixed interest rates, and \$64.6 million had interest rates that were variable.

Due to the conservative nature of our short-term fixed interest rate investments, we do not believe that we have a material exposure to interest rate risk for those investments. Our fixed-interest-rate long-term investments are sensitive to changes in interest rates. Interest rate changes would result in a change in the fair values of these investments due to differences between the market interest rate and the rate at the date of purchase of the investment. A 100 basis point increase in the March 31, 2007 market interest rates would result in a decrease of approximately \$0.45 million in the market values of these investments.

### **Item 4. Controls and Procedures**

The Company maintains “disclosure controls and procedures,” as such term is defined under Rules 13a-15(e) and 15d-15(e) promulgated under the Securities Exchange Act of 1934, that are designed to ensure that information required to be disclosed in the Company’s Exchange Act reports 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 the Company’s management, including its Chief Executive Officer and Principal Financial and Accounting Officer, as appropriate, to allow timely decisions regarding required disclosures. In designing and evaluating the disclosure controls and procedures, the Company’s management recognized that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and the Company’s management necessarily was required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures. We also established a Disclosure Committee that consists of certain members of the Company’s senior management.

The Disclosure Committee, under the supervision and with the participation of the Company’s senior management, including the Company’s Chief Executive Officer and Principal Financial and Accounting Officer, carried out an evaluation of the effectiveness of the design and operation of the Company’s disclosure controls and procedures as of the end of the period covered by this report. Based upon their evaluation and subject to the foregoing, the Chief Executive Officer and Principal Financial and Accounting Officer concluded that the Company’s disclosure controls and procedures were effective.

There have been no changes in the Company’s internal control over financial reporting that occurred during the Company’s last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Company’s internal control over financial reporting.

## **PART II — OTHER INFORMATION**

### **Item 1A. Risk Factors**

Our business and operations entail a variety of serious risks and uncertainties, including those described in Item 1A of our Form 10-K for the year ended December 31, 2006. In addition, the following risk factors have changed during the quarter ended March 31, 2007:

**We have a history of operating losses, and we may never be profitable.**

We have incurred substantial losses since our inception. As of March 31, 2007, we had an accumulated deficit of \$220.8 million. We have derived no significant revenues from product sales or royalties. We do not expect to achieve significant product sales or royalty revenue for a number of years, if ever, other than potential revenues from methylalntrexone. We expect to incur additional operating losses in the future, which could increase significantly as we expand our clinical trial programs and other product development efforts.

Our ability to achieve and sustain profitability is dependent in part on obtaining regulatory approval to market our products and then commercializing, either alone or with others, our products. We may not be able to develop and commercialize products. Moreover, our operations may not be profitable even if any of our products under development are commercialized.

**We are likely to need additional financing, but our access to capital funding is uncertain.**

As of March 31, 2007, we had cash, cash equivalents and marketable securities, including non-current portion, totaling \$140.1 million. In December 2005, we received a \$60 million upfront payment from Wyeth in connection with the signing of the license and co-development agreement relating to methylalntrexone. During the three months ended March 31, 2007, we had a net loss of \$10.4 million and cash used in operating activities was \$10.8 million during the three months ended March 31, 2007.

Under our agreement with Wyeth, Wyeth is reimbursing us for future development and commercialization costs relating to methylalntrexone starting January 1, 2006. As a result, although we expect that our spending on methylalntrexone in 2007 and beyond will increase significantly from the amounts expended in 2006, our net expenses for methylalntrexone will be reduced.

With regard to our other product candidates, however, we expect that we will continue to incur significant expenditures for their development and we do not have committed external sources of funding for most of these projects. These expenditures will be funded from our cash on hand, or we may seek additional external funding for these expenditures, most likely through collaborative agreements, or other license or sale transactions, with one or more pharmaceutical companies, through the issuance and sale of securities or through additional government grants or contracts. We cannot predict with any certainty when we will need additional funds or how much we will need or if additional funds will be available to us. Our need for future funding will depend on numerous factors, many of which are outside our control.

Our access to capital funding is uncertain. We may not be able to obtain additional funding on acceptable terms, or at all. Our inability to raise additional capital on terms reasonably acceptable to us would seriously jeopardize the future success of our business.

If we raise funds by issuing and selling securities, it may be on terms that are not favorable to our existing stockholders. If we raise additional funds by selling equity securities, our current stockholders will be diluted, and new investors could have rights superior to our existing stockholders. If we raise funds by selling debt securities, we could be subject to restrictive covenants and significant repayment obligations.

**Our stock price has a history of volatility. You should consider an investment in our stock as risky and invest only if you can withstand a significant loss.**

Our stock price has a history of significant volatility. Between January 1, 2002 and March 31, 2007, our stock price has ranged from \$3.82 to \$30.83 per share. At times, our stock price has been volatile even in the absence of significant news or developments relating to us. Moreover, the stocks of biotechnology companies and the stock market generally have been subject to dramatic price swings in recent years. Factors that may have a significant impact on the market price of our common stock include:

- the results of clinical trials and preclinical studies involving our products or those of our competitors;
- changes in the status of any of our drug development programs, including delays in clinical trials or program terminations;
- developments regarding our efforts to achieve marketing approval for our products;
- developments in our relationship with Wyeth regarding the development and commercialization of methylnaltrexone;
- announcements of technological innovations or new commercial products by us, our collaborators or our competitors;
- developments in our relationships with other collaborative partners;
- developments in patent or other proprietary rights;
- governmental regulation;
- changes in reimbursement policies or health care legislation;
- public concern as to the safety and efficacy of products developed by us, our collaborators or our competitors;
- our ability to fund on-going operations;
- fluctuations in our operating results; and
- general market conditions.

**Our principal stockholders are able to exert significant influence over matters submitted to stockholders for approval.**

At March 31, 2007, Dr. Maddon and stockholders affiliated with Tudor Investment Corporation together beneficially own or control approximately 17% of our outstanding shares of common stock. These persons, should they choose to act together, could exert significant influence in determining the outcome of corporate actions requiring stockholder approval and otherwise control our business. This control could have the effect of delaying or preventing a change in control of us and, consequently, could adversely affect the market price of our common stock.

**Item 6. Exhibits**

(a) Exhibits

10.6 Form of Indemnification Agreement

31.1 Certification of Paul J. Maddon, M.D., Ph.D., Chief Executive Officer of the Registrant, pursuant to Rule 13a-14(a) and Rule 15d-14(a) under the Securities Exchange Act of 1934, as amended

31.2 Certification of Robert A. McKinney, Chief Financial Officer and Senior Vice President, Finance and Operations (Principal Financial and Accounting Officer) of the Registrant, pursuant to Rule 13a-14(a) and Rule 15d-14(a) under the Securities Exchange Act of 1934, as amended

32 Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

**SIGNATURES**

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 9, 2007

**PROGENICS PHARMACEUTICALS, INC.**

By:           /s/ Robert A. McKinney          

Robert A. McKinney  
Chief Financial Officer  
Senior Vice President, Finance & Operations and Treasurer  
(Duly authorized officer of the Registrant and Principal Financial and  
Accounting Officer)

**PROGENICS PHARMACEUTICALS, INC.  
INDEMNIFICATION AGREEMENT**

This Indemnification Agreement ("Agreement") is made and entered into as of this 1st day of January, 2007, by and between Progenics Pharmaceuticals, Inc., a Delaware corporation (the "Corporation"), and \_\_\_\_\_ (the "Indemnitee").

WHEREAS, the Corporation recognizes that competent and experienced persons are increasingly reluctant to serve as directors or officers of publicly-held corporations, unless they are protected by comprehensive liability insurance or indemnification, or both, due to increased exposure to litigation costs and risks arising out of their service to and activities on behalf of such corporation;

WHEREAS, the Corporation, after reasonable investigation, has determined that the liability insurance coverage presently available to the Corporation may be inadequate in certain circumstances to cover all possible exposure for which the Indemnitee should be protected;

WHEREAS, the Board of Directors of the Corporation (the "Board") has determined that the inability to attract and retain such persons is detrimental to the best interests of the Corporation and its stockholders. The Corporation believes that these interests would be best served by a combination of such insurance and the indemnification by the Corporation of the directors and officers of the Corporation;

WHEREAS, the Corporation's By-laws require the Corporation to indemnify its directors and officers to the fullest extent permitted by the Delaware General Corporation Law (the "DGCL"), under which the Corporation is organized. The By-laws further expressly provide that the indemnification provisions set forth therein are not exclusive and that contracts with regard to indemnification may be entered into between the Corporation and its directors and officers;

WHEREAS, Section 145 of the DGCL ("Section 145") allows the Corporation to indemnify its officers, directors, employees and agents by agreement and to indemnify persons who serve, at the request of the Corporation, as directors, officers, employees, agents or fiduciaries of other corporations or enterprises, and expressly provides that the indemnification provided by Section 145 is not exclusive;

WHEREAS, the Board has determined that it is reasonable and prudent for the Corporation to obligate itself contractually to indemnify such persons as set forth herein and that such contractual indemnification promotes the best interests of the Corporation and its stockholders;

WHEREAS, the Corporation desires and has requested Indemnitee to serve or continue to serve as a director or officer (or both) of the Corporation, and has requested or may in the future request Indemnitee to serve as a director, officer, employee, agent or fiduciary of another corporation or other enterprise, in any event free from undue concern that he will not be adequately indemnified against unwarranted claims for damages arising out of or related to such services to the Corporation;

WHEREAS, Indemnitee is willing to serve, continue to serve and to take on additional service for or on behalf of the Corporation on the condition that he be indemnified according to the terms of this Agreement; and

WHEREAS, this Agreement is a supplement to and in furtherance of Article XII of the By-laws of the Corporation, any rights granted under the Certificate of Incorporation of the Corporation and any resolutions adopted pursuant thereto and shall neither be deemed to be a substitute therefor nor to diminish or abrogate any rights of Indemnitee thereunder.

---

NOW, THEREFORE, in consideration of the premises and the covenants contained herein, the Corporation and Indemnitee do hereby covenant and agree as follows:

Section 1. Definitions. For purposes of this Agreement:

- (a) "Corporate Status" means the status of a person attained by virtue of being a director , officer, employee, agent or fiduciary of the Corporation or of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise which such person is or was serving at the request of the Corporation.
- (b) "Disinterested Director" means a director of the Corporation who is not at the time a party to the Proceeding in respect of which indemnification is being sought by Indemnitee.
- (c) "Expenses" means all reasonable attorneys' fees and related disbursements, appeal bonds, court costs, transcript costs, fees of experts, witness fees, travel expenses, duplicating costs, printing and binding costs, telephone charges, postage, delivery service fees, retainers, other out-of pocket costs and reasonable compensation for time spent by Indemnitee for which Indemnitee is not otherwise compensated by the Corporation or any third party and all other disbursements or expenses of the types customarily incurred in connection with prosecuting, defending, preparing to prosecute or defending, investigating, or being or preparing to be a witness in a Proceeding.
- (d) "Independent Legal Counsel" means a law firm or a member of a law firm that is experienced in matters of corporation law and who has not represented the Corporation or related organization, or a director, officer, member of a committee of the board or employee, whose indemnification is in issue. Notwithstanding the foregoing, the term "Independent Legal Counsel" shall not include any person who, under the applicable standards of professional conduct then prevailing, would have a conflict of interest in representing either the Corporation or Indemnitee in an action to determine Indemnitee's right to indemnification under this Agreement.

(e) "Proceeding" means the investigation, preparation, prosecution, defense, settlement, arbitration and appeal of, and the giving of testimony in, any threatened, pending or completed claim, action, suit or proceeding, whether civil, criminal, administrative or investigative.

Section 2. Services by Indemnitee. Indemnitee agrees to serve, or continue to serve, as a director or officer (or both) of the Corporation, and, at the Corporation's request, to serve, or continue to serve, as a director, officer, employee, agent or fiduciary of other corporations and enterprises. Indemnitee may at any time and for any reason resign from any such position (subject to any other contractual obligation or any obligation imposed by operation of law).

Section 3. General Indemnification. The Corporation hereby agrees to indemnify and hold harmless (including, without limitation, by advancement of Expenses) Indemnitee to the fullest extent permitted by, and in the manner permissible under applicable law as it presently exists or may hereafter be amended. In addition to (but not in duplication of) the foregoing right to indemnification, the general right to indemnification set forth in Article XII of the Corporation's By-laws and any other rights of indemnification to which Indemnitee is entitled under applicable law or otherwise, the Corporation hereby agrees to provide Indemnitee the specific rights to indemnification set forth in Section 4 through Section 10 of this Agreement.

Section 4. Indemnification for a Proceeding, etc.

(a) Proceedings Other Than Proceedings by or in the Right of the Corporation. Indemnitee shall be entitled to the rights of indemnification provided in this Section 4(a) if, by reason of his Corporate Status, he is, or is threatened to be made, a party to or participant in any threatened, pending or completed Proceeding, other than a Proceeding by or in the right of the Corporation. Pursuant to this Section 4(a), Indemnitee shall be indemnified against Expenses, judgments, penalties, fines and amounts paid in settlement actually and reasonably incurred by him or on his behalf in connection with any such Proceeding or any claim, issue or matter therein, if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal Proceeding, had no reasonable cause to believe his conduct was unlawful. For purposes of this Agreement, "fines" shall include, without limitation, excise taxes assessed against Indemnitee with respect to an employee benefit plan.

(b) Proceedings by or in the Right of the Corporation. Indemnitee shall be entitled to the rights of indemnification provided in this Section 4(b) if, by reason of his Corporate Status, he is, or is threatened to be made, a party to or participant in any threatened, pending or completed Proceeding brought by or in the right of the Corporation to procure a judgment in its favor. Pursuant to this Section 4(b), Indemnitee shall be indemnified against Expenses actually and reasonably incurred by him or on his behalf in connection with any such Proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation. Notwithstanding the foregoing, if applicable law so provides, no indemnification against such Expenses shall be made in respect of any claim, issue or matter in any such Proceeding as to which Indemnitee shall have been finally adjudged to be liable to the Corporation unless and to the extent that the Court of Chancery of the State of Delaware, or the court in which such Proceeding shall have been brought or is pending, shall determine that such indemnification may nevertheless be made by the Corporation.

(c) Indemnification for Expenses of a Party Who is Wholly or Partly Successful. Notwithstanding any other provision of this Agreement, to the extent that Indemnitee is, by reason of his Corporate Status, a party to and is successful, on the merits or otherwise, in any Proceeding, he shall be indemnified to the maximum extent permitted by law against all Expenses actually and reasonably incurred by him or on his behalf in connection therewith. For purposes of this Agreement and without limiting the foregoing, if any action, suit or proceeding is disposed of, on the merits or otherwise (including a disposition without prejudice), without (i) the disposition being adverse to Indemnitee, (ii) an adjudication that Indemnitee was liable to the Corporation, (iii) a plea of guilty or *nolo contendere* by Indemnitee, (iv) an adjudication that Indemnitee did not act in good faith and in a manner Indemnitee reasonably believed to be in or not opposed to the best interests of the Corporation, and (v) with respect to any criminal proceeding, an adjudication that Indemnitee had reasonable cause to believe Indemnitee's conduct was unlawful, Indemnitee shall be considered for the purposes hereof to have been wholly successful with respect thereto.

If Indemnitee is not wholly successful in such Proceeding, but is successful, on the merits or otherwise, as to one or more, but less than all claims, issues or matters in such Proceeding, the Corporation shall indemnify Indemnitee against all Expenses actually and reasonably incurred by him or on his behalf in connection with each successfully resolved claim, issue or matter.

(d) Additional Indemnity. In addition to, and without regard to any limitations on, the indemnification provided for in Sections 4(a) through 4(c), the Corporation shall and hereby does indemnify and hold harmless Indemnitee against all Expenses, judgments, penalties, fines and amounts paid in settlement actually and reasonably incurred by him or on his behalf if, by reason of his Corporate Status he is, or is threatened to be made, a party to or participant in any Proceeding (including, without limitation, a Proceeding by or in the right of the Corporation). The only limitation that shall exist upon the Corporation's obligations pursuant to this Agreement shall be that the Corporation shall not be obligated to make any payment to Indemnitee that is finally determined (under the procedures, and subject to the presumptions, set forth in Sections 6, 7 and 8 hereof) to be unlawful under Delaware law.

(e) Contribution in the Event of Joint Liability.

(i) Whether or not the indemnification provided in Sections 4(a) through 4(d) hereof is available, in respect of any threatened, pending or completed action, suit or proceeding in which the Corporation is jointly liable with Indemnitee (or would be if joined in such action, suit or proceeding), the Corporation shall pay, in the first instance, the entire amount of any judgment or settlement of such action, suit or Proceeding without requiring Indemnitee to contribute to such payment, and the Corporation hereby waives and relinquishes any right of contribution it may have against Indemnitee. The Corporation shall not enter into any settlement of any action, suit or proceeding in which the Corporation is jointly liable with Indemnitee (or would be if joined in such action, suit or proceeding) unless such settlement provides for a full and final release of all claims asserted against Indemnitee.

(ii) Without diminishing or impairing the obligations of the Corporation set forth in the preceding subparagraph, if, for any reason, Indemnitee shall elect or be required to pay all or any portion of any judgment or settlement in any threatened, pending or completed action, suit or proceeding in which Corporation is jointly liable with Indemnitee (or would be if joined in such action, suit or proceeding), the Corporation shall contribute to the amount of Expenses, judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by Indemnitee in proportion to the relative benefits received by the Corporation and all officers, directors or employees of the Corporation other than Indemnitee who are jointly liable with him (or would be if joined in such action, suit or proceeding), on the one hand, and Indemnitee, on the other hand, from the transaction from which such action, suit or proceeding arose; provided, however, that the proportion determined on the basis of relative benefit may, to the extent necessary to conform to law, be further adjusted by reference to the relative fault of the Corporation and all officers, directors or employees of the Corporation other than Indemnitee who are jointly liable with Indemnitee (or would be if joined in such action, suit or proceeding), on the one hand, and Indemnitee, on the other hand, in connection with the events that resulted in such Expenses, judgments, fines or settlement amounts, as well as any other equitable considerations which the law may require to be considered. The relative fault of the Corporation and all officers, directors or employees of the Corporation other than Indemnitee who are jointly liable with him (or would be if joined in such action, suit or proceeding), on the one hand, and Indemnitee, on the other hand, shall be determined by reference to, among other things, the degree to which their actions were motivated by intent to gain personal profit or advantage, the degree to which their liability is primary or secondary, and the degree to which their conduct is active or passive.

(iii) The Corporation hereby agrees to fully indemnify and hold Indemnitee harmless from any claims of contribution which may be brought by officers, directors or employees of the Corporation who may be jointly liable with Indemnitee.

Section 5. Advancement of Expenses and Costs . If Indemnitee is made or threatened to be made a party to a Proceeding, Indemnitee is entitled, upon written request to the Corporation, to payment or reimbursement by the Corporation, within twenty (20) days of receipt of the request of all reasonable Expenses, including, without limitation, attorneys' fees and disbursements, incurred by Indemnitee, whether prior to or after the final disposition of the Proceeding. Such request shall evidence in reasonable detail the Expenses incurred by Indemnitee and shall include or be preceded or accompanied by an undertaking by or on behalf of Indemnitee to repay any Expenses advanced if it shall ultimately be determined that Indemnitee is not entitled to be indemnified against such Expenses. Any advances and undertakings to repay pursuant to this Section 5 shall be unsecured and interest free and shall be accepted without reference to financial ability to make the repayment. Indemnitee's entitlement to indemnification against such Expenses shall include those incurred in connection with any Proceeding by Indemnity seeking an adjudication pursuant to this Agreement.

Section 6. Determination of Entitlement to Indemnification. It is the intent of this Agreement to secure for Indemnitee rights of indemnity that are as favorable as may be permitted under the law and public policy of the state of Delaware. Accordingly, the parties agree that the following procedures and presumptions shall apply in the event of any question as to whether Indemnitee is entitled to indemnification under this Agreement.

(a) To obtain indemnification (including, without limitation, the advancement of expenses and contribution by the Corporation) under this Agreement, Indemnitee shall submit to the Corporation a written request, including therein or therewith such documentation and information as is reasonably available to Indemnitee and is reasonably necessary to determine whether and to what extent Indemnitee is entitled to indemnification. The Secretary of the Corporation shall, promptly upon receipt of such a request for indemnification, advise the Board in writing that Indemnitee has requested indemnification.

(b) Upon written request by Indemnitee for indemnification pursuant to the first sentence of Section 6(a) hereof, a determination, if required by applicable law, with respect to Indemnitee's entitlement thereto shall be made by one of the following three methods, which shall be at the election of Indemnitee: (i) by a majority vote of the Disinterested Directors, even though less than a quorum, or (ii) by Independent Legal Counsel in a written opinion to the Board or (iii) by the stockholders of the Corporation.

(c) If the determination of entitlement to indemnification is to be made by Independent Legal Counsel pursuant to Section 6(b) hereof, the Independent Legal Counsel shall be selected as provided in this Section 6(c). The Independent Legal Counsel shall be selected by Indemnitee (unless Indemnitee shall request that such selection be made by the Board). Indemnitee or the Corporation, as the case may be, may, within ten (10) days after such written notice of selection shall have been given, deliver to the Corporation or to Indemnitee, as the case may be, a written objection to such selection; provided, however, that such objection may be asserted only on the ground that the Independent Legal Counsel so selected does not meet the requirements of "Independent Legal Counsel" as defined in Section 1(d) of this Agreement, and the objection shall set forth with particularity the factual basis of such assertion. Absent a proper and timely objection, the person so selected shall act as Independent Legal Counsel. If a written objection is made and substantiated, the Independent Legal Counsel selected may not serve as Independent Legal Counsel unless and until such objection is withdrawn or a court has determined that such objection is without merit. If, within thirty (30) days after submission by Indemnitee of a written request for indemnification pursuant to Section 6(a) hereof, no Independent Legal Counsel shall have been selected and not objected to, either the Corporation or Indemnitee may petition the Court of Chancery of the State of Delaware or other court of competent jurisdiction for resolution of any objection which shall have been made by the Corporation or Indemnitee to the other's selection of Independent Legal Counsel and/or for the appointment as Independent Legal Counsel of a person selected by the court or by such other person as the court shall designate, and the person with respect to whom all objections are so resolved or the person so appointed shall act as Independent Legal Counsel under Section 6(b) hereof. The Corporation shall pay any and all reasonable fees and expenses of Independent Legal Counsel incurred by such Independent Legal Counsel in connection with acting pursuant to Section 6(b) hereof, and the Corporation shall pay all reasonable fees and expenses incident to the procedures of this Section 6(c), regardless of the manner in which such Independent Legal Counsel was selected or appointed. The Corporation shall fully indemnify Independent Legal Counsel against any and all Expenses, claims, liabilities and damages arising out of or relating to this Agreement or its engagement pursuant hereto.

(d) The Corporation acknowledges that a settlement or other disposition short of final judgment may be successful if it permits a party to avoid expense, delay, distraction, disruption and uncertainty. In the event that any action, claim or proceeding to which Indemnitee is a party is resolved in any manner other than by adverse judgment against Indemnitee (including, without limitation, settlement of such action, claim or proceeding with or without payment of money or other consideration) it shall be presumed (unless there is a preponderance of competent evidence to the contrary) that Indemnitee has been successful on the merits or otherwise in such action, suit or proceeding.

(e) Indemnitee shall reasonably cooperate with the person, persons or entity making such determination with respect to Indemnitee's entitlement to indemnification, including providing to such person, persons or entity upon reasonable advance request any documentation or information which is not privileged or otherwise protected from disclosure and which is reasonably available to Indemnitee and reasonably necessary to such determination. Any Independent Legal Counsel, member of the Board, or stockholder of the Corporation shall act reasonably and in good faith in making a determination under the Agreement of Indemnitee's entitlement to indemnification. Any costs or Expenses (including, without limitation, attorneys' fees and disbursements) incurred by Indemnitee in so cooperating with the person, persons or entity making such determination shall be borne by the Corporation (irrespective of the determination as to Indemnitee's entitlement to indemnification) and the Corporation hereby indemnifies and agrees to hold Indemnitee harmless therefrom.

Section 7. Presumptions and Effect of Certain Proceedings.

(a) In making a determination with respect to entitlement for indemnification hereunder, the persons or entity making such determination shall presume (unless there is clear and convincing evidence to the contrary) that Indemnitee is entitled to indemnification under this Agreement if Indemnitee has submitted a request for indemnification in accordance with this Agreement.

(b) If the person(s) so empowered to make such determination shall have failed to make the requested determination within sixty (60) days after receipt by the Corporation of such request, the requisite determination of entitlement to indemnification shall be deemed to have been made and Indemnitee shall be absolutely entitled to such indemnification absent actual and material fraud; provided, however, that such sixty (60) day period may be extended for a reasonable time, not to exceed an additional thirty (30) days, if the person, persons or entity making the determination with respect to entitlement to indemnification in good faith require(s) such additional time for the obtaining or evaluating of documentation and/or information relating thereto; and provided, further, that the foregoing provisions of this Section 7(b) shall not apply (i) if the determination of entitlement to indemnification is to be made by the stockholders of the Corporation pursuant to Section 6(b)(iii) of this Agreement and if (A) within fifteen (15) days after receipt by the Corporation of the request for such determination the Board has resolved to submit such determination to the stockholders for their consideration at an annual meeting thereof to be held within 75 days after such receipt and such determination is made thereat, or (B) a special meeting of stockholders is called within fifteen (15) days after such receipt for the purpose of making such determination, such meeting is held for such purpose within sixty (60) days after having been so called and such determination is made thereat, or (ii) if the determination of entitlement to indemnification is to be made by Independent Legal Counsel pursuant to Section 6(b)(ii) of this Agreement.

(c) Indemnitee shall be deemed to have acted in good faith if Indemnitee's action is based on the records or books of account of the Corporation, including, without limitation, financial statements, or on information supplied to Indemnitee by the officers of the Corporation in the course of their duties, or on the advice of legal counsel for the Corporation or on information or records given or reports made to the Corporation by an independent certified public accountant, by a financial advisor or by an appraiser or other expert selected with reasonable care by the Corporation. In addition, the knowledge and/or actions, or failure to act, of any director, officer, agent or employee of the Corporation shall not be imputed to Indemnitee for purposes of determining the right to indemnification under this Agreement. Whether or not the foregoing provisions of this Section 7 are satisfied, it shall in any event be presumed (unless there is clear and convincing evidence to the contrary) that Indemnitee has at all times acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation. Neither the failure of the Corporation (including by its directors or Independent Legal Counsel) to have made a determination prior to the commencement of any action pursuant to this Agreement that indemnification is proper in the circumstances because Indemnitee has met the applicable standard of conduct, nor an actual determination by the Corporation (including by its directors or Independent Legal Counsel) that Indemnitee has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that Indemnitee has not met the applicable standard of conduct.

(d) The termination of a Proceeding described in Section 4 hereof by judgment, order, settlement or conviction, or upon a plea of *nolo contendere* or its equivalent, shall not, of itself, (i) establish that Indemnitee does not meet the criteria for entitlement to indemnification set forth in Section 4 hereof or (ii) otherwise adversely affect the rights of Indemnitee to indemnification except as may be provided herein. The knowledge and/or actions, or failure to act, of any other director, officer, trustee, partner, managing member, fiduciary, agent or employee of the Corporation shall not be imputed to Indemnitee for purposes of determining the right to indemnification under this Agreement.

Section 8. Remedies of Indemnatee in Cases of Determination not to Indemnify or to Advance Expenses.

(a) In the event that (i) a determination is made that Indemnatee is not entitled to indemnification hereunder, (ii) advancement of expenses is not timely made pursuant to Section 5 hereof, (iii) no determination of entitlement to indemnification shall have been made pursuant to Section 6 hereof within ninety (90) days after receipt by the Corporation of the request for indemnification, (iv) payment of indemnification is not made pursuant to this Agreement within ten (10) days after receipt by the Corporation of a written request therefor or (v) payment of indemnification is not made within ten (10) days following a determination of entitlement to indemnification pursuant to Section 6 and Section 7 hereof, Indemnatee shall be entitled to adjudicate in an appropriate court of the State of Delaware or any other court of competent jurisdiction, his entitlement to such indemnification or advance. Alternatively, Indemnatee, at his option, may adjudicate any such entitlement in arbitration to be conducted by a single arbitrator pursuant to the rules of the American Arbitration Association. Indemnatee shall commence such proceeding seeking an adjudication or an award in arbitration within one hundred eighty (180) days following the date on which Indemnatee first has the right to commence such proceeding pursuant to this Section 8(a). In any such proceeding, the burden of proof shall be on the party opposing indemnification to prove that Indemnatee is not entitled to indemnification.

(b) In the event that a determination shall have been made pursuant to Section 6 of this Agreement that Indemnatee is not entitled to indemnification, any judicial proceeding or arbitration of the type contemplated by Section 8(a) hereof shall be made *de novo*, and Indemnatee shall not be prejudiced by reason of a determination (if so made) that he is not entitled to indemnification.

(c) If a determination is made or deemed to have been made pursuant to the terms of Section 6 or Section 7 hereof that Indemnatee is entitled to indemnification, the Corporation shall be bound by such determination and shall be precluded from asserting that such determination has not been made or that the procedure by which such determination was made is not valid, binding and enforceable. The Corporation further agrees to stipulate in any such court that the Corporation is bound by all the provisions of this Agreement and is precluded from making any assertion to the contrary.

(d) If as a result of an adjudication of the type contemplated by Section 8(a) hereof the court or arbitrator shall determine that Indemnatee is entitled to any indemnification hereunder, the Corporation shall pay all reasonable Expenses (including attorneys' fees) and costs actually incurred by Indemnatee in connection with such adjudication (including, without limitation, any appellate proceedings). If Indemnatee commences a judicial proceeding or arbitration pursuant to this Section 8, Indemnatee shall not be required to reimburse the Corporation for any advances pursuant to Section 5 hereof until a final determination is made with respect to Indemnatee's entitlement to indemnification (as to which all rights of appeal have been exhausted or lapsed).

(e) The Corporation shall indemnify and hold harmless Indemnitee to the fullest extent permitted by law against all expenses and, if requested by Indemnitee, shall (within ten (10) days after the Corporation's receipt of such written request) advance such expenses to Indemnitee, which are incurred by Indemnitee in connection with any judicial proceeding or arbitration brought by Indemnitee (i) to enforce his rights under, or to recover damages for breach of, this Agreement or any other indemnification, advancement or contribution agreement or provision of the Corporation's Certificate of Incorporation or By-laws now or hereafter in effect or (ii) for recovery or advances under any insurance policy maintained by any person for the benefit of Indemnitee, regardless of whether Indemnitee ultimately is determined to be entitled to such indemnification, advance, contribution or insurance recovery, as the case may be. Interest shall be paid by the Corporation to Indemnitee at the legal rate under Delaware law for amounts which the Corporation indemnifies or is obliged to indemnify for the period commencing with the date on which Indemnitee requests indemnification (or reimbursement or advancement of any expenses) and ending with the date on which such payment is made to Indemnitee by the Corporation.

Section 9. Reimbursement for Expenses of a Witness. Notwithstanding any other provision of this Agreement, to the extent that Indemnitee has served, by reason of his Corporate Status, as a witness in any Proceeding, at a time when such Indemnitee has not been made a party to the Proceeding, the Corporation shall reimburse such Indemnitee for all Expenses actually and reasonably incurred by him or on his behalf in connection therewith.

Section 10. Other Rights of Indemnification and Insurance.

(a) The indemnification and advancement of expenses (including, without limitation, attorneys' fees) and costs provided by this Agreement shall not be deemed exclusive of any other rights to which Indemnitee may now or in the future be entitled under any agreement, provision of the By-laws, or provision of the Certificate of Incorporation, vote of stockholders or Disinterested Directors of the Corporation, provision of law or otherwise. No amendment, alteration or repeal of this Agreement or any provision hereof shall be effective as to any Indemnitee with respect to any action taken or omitted by such Indemnitee in his Corporate Status prior to such amendment, alteration or repeal.

(b) To the extent that the Corporation maintains an insurance policy or policies providing liability insurance for directors, officers, employees or agents or fiduciaries of the Corporation or of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise which such person serves at the request of the Corporation, Indemnitee shall be covered by such policy or policies in accordance with its or their terms to the maximum extent of the coverage available for any such director, officer, employee or agent or fiduciary under such policy or policies. The Corporation hereby covenants and agrees to maintain the directors and officers insurance policy in effect on the date of this Agreement (the "Current D&O Policy") on terms and subject to conditions at least as favorable to Indemnitee as the terms and conditions that exist as of the date of this Agreement. In the event that, notwithstanding the foregoing, the Current D&O Policy is no longer in full force and effect or is otherwise unavailable, the Corporation shall obtain and maintain a policy or policies of insurance providing liability insurance for Indemnitee on terms and subject to conditions not materially different from, and in no way less favorable to Indemnitee than, the Current D&O Policy; provided that the Corporation shall not be required to pay an aggregate premium for such insurance coverage in excess of 200% of the amount of the premium for the Current D&O Policy on the date of this Agreement, but shall, in such case, purchase as much coverage as possible for such amount.

Section 11. Duration of Agreement. This Agreement shall continue until and terminate upon the later of: (a) ten (10) years after the date that Indemnitee shall have ceased to serve as a director, officer, employee, agent or fiduciary of the Corporation or of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise which Indemnitee served at the request of the Corporation; or (b) the final termination of all pending Proceedings in respect of which Indemnitee is granted rights of indemnification or advancement of Expenses hereunder and or any proceeding commenced by Indemnitee pursuant to Section 8 of this Agreement. This Agreement shall be binding upon the Corporation and its successors and assigns and shall inure to the benefit of Indemnitee and his heirs, executors and administrators.

Section 12. Severability. If any provision or provisions of this Agreement shall be held to be invalid, illegal or unenforceable for any reason whatsoever: (a) the validity, legality and enforceability of the remaining provisions of this Agreement (including, without limitation, all portions of any paragraphs of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that are not themselves invalid, illegal or unenforceable) shall not in any way be affected or impaired thereby and (b) to the fullest extent possible, the provisions of this Agreement (including, without limitation, all portions of any paragraph of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that are not themselves invalid, illegal or unenforceable) shall be construed so as to give effect to the intent manifested by the provision held invalid, illegal or unenforceable.

Section 13. Identical Counterparts. This Agreement may be executed in one or more counterparts, each of which shall for all purposes be deemed to be an original but all of which together shall constitute one and the same Agreement. Only one such counterpart signed by the party against whom enforceability is sought needs to be produced to evidence the existence of this Agreement.

Section 14. Headings. The headings of the paragraphs of this Agreement are inserted for convenience only and shall not be deemed to constitute part of this Agreement or to affect the construction thereof.

Section 15. Modification and Waiver. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing by all of the parties hereto. No waiver of any of the provisions of this Agreement shall be deemed or shall constitute a waiver of any other provisions hereof (whether or not similar) nor shall such waiver constitute a continuing waiver.

Section 16. Notice by Indemnitee. Indemnitee agrees promptly to notify the Corporation in writing upon being served with any summons, citation, subpoena, complaint, indictment, information or other document relating to any Proceeding or matter which may be subject to indemnification or advancement of Expenses covered hereunder.

Section 17. Notices. All notices, requests, demands and other communications hereunder shall be in writing and shall be deemed to have been duly given if (a) delivered by hand and received for by the party to whom said notice or other communication shall have been directed or (b) mailed by certified or registered mail with postage prepaid, on the third business day after the date on which it is so mailed:

(a) If to the Corporation, to:

Progenics Pharmaceuticals, Inc.  
777 Old Saw Mill River Road  
Tarrytown, NY 10591  
Attention: General Counsel

(b) If to Indemnitee, to the address shown on the signature page of this Agreement or to such other address as may have been furnished to Indemnitee by the Corporation or to the Corporation by Indemnitee, as the case may be.

Section 18. Successor and Assigns. All of the terms and provisions of this Agreement shall be binding upon, shall inure to the benefit of and shall be enforceable by the parties hereto and their respective successors, assigns, heirs, executors, administrators and legal representatives. The Corporation shall require and cause any direct or indirect successor (whether by purchase, merger, consolidation or otherwise) to all or substantially all of the business or assets of the Corporation, by written agreement to assume and agree to perform this Agreement in the same manner and to the same extent that the Corporation would be required to perform if no such succession had taken place.

Section 19. Employment Rights. Nothing in this Agreement is intended to create in Indemnitee any right to employment or continued employment.

Section 20. Service of Process and Venue. For purposes of any claims or proceedings to enforce this Agreement, the Corporation consents to the jurisdiction and venue of any federal or state court of competent jurisdiction in the states of Delaware and New York, and waives and agrees not to raise any defense that any such court is an inconvenient forum or any similar claim.

Section 21. Gender. Use of the masculine pronoun in this Agreement shall be deemed to include use of the feminine pronoun where appropriate.

Section 22. Supercedes Prior Agreement. This Agreement supercedes any prior indemnification agreement between Indemnitee and the Corporation or its predecessors.

Section 23. Governing Law. The parties agree that this Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of Delaware.

By: \_\_\_\_\_

[Name]

[Title]

I, Mark R. Baker, Secretary, certify that the Board of Directors has authorized the Corporation to enter into this Agreement by a resolution unanimously passed at its November 27, 2006 meeting.

---

Mark R. Baker  
Secretary

Date: \_\_\_\_\_

**CERTIFICATION**  
**PURSUANT TO RULE 13a-14(a) AND RULE 15d-14(a) UNDER THE**  
**SECURITIES EXCHANGE ACT OF 1934, AS AMENDED**

I, Paul J. Maddon, M.D., Ph.D., certify that:

1. I have reviewed this quarterly report on Form 10-Q of Progenics Pharmaceuticals, Inc.;
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 is made known to us by others within the registrant, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal 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; and
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 independent registered public accounting firm and the audit committee of the registrant's board of directors (or persons performing the equivalent function):
  - 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 9, 2007

**/s/ Paul J. Maddon, M.D., Ph.D.**

Paul J. Maddon, M.D., Ph.D.

Chief Executive Officer and Chief

Science Officer (Principal Executive Officer)

**CERTIFICATION  
PURSUANT TO RULE 13a-14(a) AND RULE 15d-14(a) UNDER THE  
SECURITIES EXCHANGE ACT OF 1934, AS AMENDED**

I, Robert A. McKinney, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Progenics Pharmaceuticals, Inc.;
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 is made known to us by others within the registrant, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal 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; and
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 independent registered public accounting firm and the audit committee of the registrant's board of directors (or persons performing the equivalent function):
  - 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 9, 2007

**/s/ Robert A. McKinney**

Robert A. McKinney  
Chief Financial Officer, Senior Vice President, Finance & Operations  
and Treasurer (Principal Financial Officer)

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

Each of the undersigned hereby certifies, in his capacity as an officer of Progenics Pharmaceuticals, Inc. (the "Company"), for the purposes of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to his knowledge:

- (1) The Quarterly Report of the Company on Form 10-Q for the period ended March 31, 2007 (the "Report") 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 the Report fairly presents, in all material respects, the financial conditions and results of operations of the Company.

Date: May 9, 2007

**/s/ Paul J. Maddon, M.D., Ph.D.**

Paul J. Maddon, M.D., Ph.D.  
Chief Executive Officer

**/s/ Robert A. McKinney**

Robert A. McKinney  
Chief Financial Officer  
(Principal Finance and Accounting Officer)

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Progenics Pharmaceuticals, Inc. and will be retained by Progenics Pharmaceuticals, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.