

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

FORM 10-Q

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

For the quarterly period ended June 30, 2013

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: 001-33675

Venaxis, Inc.

(Exact name of registrant as specified in its charter)

Colorado

(State or other jurisdiction of  
incorporation or organization)

84-1553387

(I.R.S. Employer Identification No.)

1585 South Perry Street, Castle Rock, Colorado 80104

(Address of principal executive offices) (Zip Code)

(303) 794-2000

(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 has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one)

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company

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

The number of shares of no par value common stock outstanding as of August 7, 2013 was 21,454,380

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**PART I — FINANCIAL INFORMATION**

**Item I. Condensed Financial Statements**

**Venaxis, Inc.  
Balance Sheets**

	<b>June 30, 2013 (Unaudited)</b>	<b>December 31, 2012</b>
<b>ASSETS</b>		
<b>Current assets:</b>		
Cash and cash equivalents	\$ 9,736,747	\$ 10,977,974
Short-term investments (Note 1)	10,256,328	1,162,904
Prepaid expenses and other current assets	121,164	387,480
<b>Total current assets</b>	<b>20,114,239</b>	<b>12,528,358</b>
Property and equipment, net (Note 2)	2,376,700	2,484,539
Other long term assets, net (Note 3)	1,609,888	1,601,894
<b>Total assets</b>	<b>\$ 24,100,827</b>	<b>\$ 16,614,791</b>
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
<b>Current liabilities:</b>		
Accounts payable	\$ 874,917	\$ 613,925
Accrued compensation	46,464	452,878
Accrued expenses	884,108	642,055
Notes and other obligations, current portion (Note 4)	143,962	2,290,292
Deferred revenue, current portion (Note 7)	84,995	79,803
<b>Total current liabilities</b>	<b>2,034,446</b>	<b>4,078,953</b>
Notes and other obligations, less current portion (Note 4)	2,223,765	763,132
Deferred revenue, less current portion (Note 7)	1,233,470	1,081,706
<b>Total liabilities</b>	<b>5,491,681</b>	<b>5,923,791</b>
<b>Commitments and contingencies (Notes 7 and 8)</b>		
<b>Stockholders' equity (Notes 5 and 6):</b>		
Common stock, no par value, 60,000,000 shares authorized; 21,454,380 and 9,954,380 shares issued and outstanding	98,789,067	84,924,133
Accumulated deficit	(80,179,921)	(74,233,133)
<b>Total stockholders' equity</b>	<b>18,609,146</b>	<b>10,691,000</b>
<b>Total liabilities and stockholders' equity</b>	<b>\$ 24,100,827</b>	<b>\$ 16,614,791</b>

See Accompanying Notes to Unaudited Condensed Financial Statements

**Venaxis, Inc.**  
**Statements of Operations**  
**Three and Six Months Ended June 30**  
**(Unaudited)**

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>2013</b>	<b>2012</b>	<b>2013</b>	<b>2012</b>
Sales	\$ —	\$ 27,241	\$ —	\$ 34,516
Cost of sales	—	12	—	196
Gross profit	—	27,229	—	34,320
Other revenue - fee	21,249	—	39,904	—
Operating expenses:				
Selling, general and administrative	1,354,330	1,393,714	2,782,285	2,598,389
Research and development	1,800,522	880,610	3,212,495	1,557,228
Total operating expenses	3,154,852	2,274,324	5,994,780	4,155,617
Operating loss	(3,133,603)	(2,247,095)	(5,954,876)	(4,121,297)
Other income (expense), net (primarily interest)	(11,016)	(62,664)	8,088	(126,733)
Net loss	\$ (3,144,619)	\$ (2,309,759)	\$ (5,946,788)	\$ (4,248,030)
Basic and diluted net loss per share (Note 1)	\$ (0.21)	\$ (1.19)	\$ (0.48)	\$ (2.39)
Basic and diluted weighted average number of shares outstanding (Note 1)	14,756,578	1,948,717	12,368,745	1,778,433

See Accompanying Notes to Unaudited Condensed Financial Statements

**Venaxis, Inc.**  
**Statements of Cash Flows**  
**Six Months Ended June 30**  
**(Unaudited)**

	<b>2013</b>	<b>2012</b>
<b>Cash flows from operating activities:</b>		
Net loss	\$ (5,946,788)	\$ (4,248,030)
Adjustments to reconcile net loss to net cash used in operating activities:		
Stock-based compensation for services	895,347	451,197
Depreciation and amortization	171,797	224,452
Impairment charges	2,951	44,554
Amortization of license fees	(39,904)	—
Change in:		
Accounts receivable	—	9,820
Prepaid expenses and other current assets	266,316	168,753
Accounts payable	260,992	(145,906)
Accrued compensation	(406,414)	228,100
Accrued expenses	242,053	(1,774)
Deferred revenue	196,860	204,000
<b>Net cash used in operating activities</b>	<b>(4,356,790)</b>	<b>(3,064,834)</b>
<b>Cash flows from investing activities:</b>		
Purchases of short-term investments	(12,504,775)	(209,714)
Sales of short-term investments	3,411,351	1,002,866
Purchases of property and equipment	(22,911)	—
Purchases of patent and other assets	(51,992)	(52,944)
<b>Net cash (used in) provided by investing activities</b>	<b>(9,168,327)</b>	<b>740,208</b>
<b>Cash flows from financing activities:</b>		
Repayment of notes payable and other obligations	(685,697)	(632,035)
Net proceeds from issuance of common stock	12,969,587	10,938,512
<b>Net cash provided by financing activities</b>	<b>12,283,890</b>	<b>10,306,477</b>
<b>Net (decrease) increase in cash and cash equivalents</b>	<b>(1,241,227)</b>	<b>7,981,851</b>
<b>Cash and cash equivalents at beginning of period</b>	<b>10,977,974</b>	<b>2,968,104</b>
<b>Cash and cash equivalents at end of period</b>	<b>\$ 9,736,747</b>	<b>\$ 10,949,955</b>
<b>Supplemental disclosure of cash flow information:</b>		
Cash paid during the period for interest	\$ 81,647	\$ 125,163

See Accompanying Notes to Unaudited Condensed Financial Statements

**Venaxis, Inc.**  
**Notes to Condensed Financial Statements**  
**(Unaudited)**

**INTERIM FINANCIAL STATEMENTS**

The accompanying financial statements of Venaxis, Inc. (the “Company,” “we,” or “Venaxis”) have been prepared in accordance with the instructions to quarterly reports on Form 10-Q. In the opinion of management, all adjustments (which include only normal recurring adjustments) necessary to present fairly the financial position, results of operations and changes in financial position at June 30, 2013 and for all periods presented have been made. Certain information and footnote data necessary for fair presentation of financial position and results of operations in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted. It is therefore suggested that these financial statements be read in conjunction with the summary of significant accounting policies and notes to financial statements included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2012. The results of operations for the period ended June 30, 2013 are not necessarily an indication of operating results for the full year.

**Management’s plans and basis of presentation:**

The Company has experienced recurring losses and negative cash flows from operations. At June 30, 2013, the Company had approximate balances of cash and liquid investments of \$19,993,000, working capital of \$18,080,000, stockholders’ equity of \$18,609,000 and an accumulated deficit of \$80,180,000. To date, the Company has in large part relied on equity financing to fund its operations. The Company expects to continue to incur losses from operations for the near-term and these losses could be significant as product development, clinical and regulatory activities, consulting expenses and other product development related expenses are incurred. Following the May 2013 public offering, the Company believes that its current working capital position will be sufficient to meet its estimated cash needs for the remainder of 2013 and into 2014. If the Company is not able to obtain additional capital when needed, the Company would potentially be required to reduce the scope of its research and development activities or cease operations. The Company is closely monitoring its cash balances, cash needs and expense levels. In May 31, 2013, the Company completed a public offering (Note 5) and refinanced its commercial bank mortgage obligation (Note 4).

Management’s strategic plans include the following:

- continuing to advance development of the Company’s principal product, *APPY1*;
- continuing to explore prospective partnering or licensing opportunities with complementary opportunities and technologies; and
- continuing to monitor and implement cost control initiatives to conserve cash.

**Note 1. Significant accounting policies:**

**Cash, cash equivalents and investments:**

The Company considers all highly liquid investments with an original maturity of three months or less at the date of acquisition to be cash equivalents. From time to time, the Company’s cash account balances exceed the balances as covered by the Federal Deposit Insurance System. The Company has never suffered a loss due to such excess balances.

The Company invests excess cash from time to time in highly-liquid debt and equity investments of highly-rated entities which are classified as trading securities. The purpose of the investments is to fund research and development, product development, United States Food and Drug Administration (“FDA”) clearance-related activities and general corporate purposes. Such amounts are recorded at market values using Level 1 inputs in determining fair value and are classified as current, as the Company does not intend to hold the investments beyond twelve months. Investment securities classified as trading are those securities that are bought and held principally for the purpose of selling them in the near term, with the objective of preserving principal and generating profits. These securities are reported at fair value with unrealized gains and losses reported as an element of other (expense) income in current period earnings. The Company’s Board of Directors has approved an investment policy covering the investment parameters to be followed with the primary goals being the safety of principal amounts and maintaining liquidity of the fund. The policy provides for minimum investment rating requirements as well as limitations on investment duration and concentrations. Based upon market conditions, the investment guidelines have been tightened to increase the minimum acceptable investment ratings required for investments and shorten the maximum investment term. As of June 30, 2013, 44% of the investment portfolio was in cash and cash equivalents, which is presented as such on the accompanying balance sheet, and the remaining funds were invested in short-term marketable securities with none individually representing more than 5% of the portfolio and none with maturities past June 2014. To date, the Company’s cumulative realized market loss from the investments has not been significant. For the six months ended June 30, 2013, there was approximately \$50,549 in unrealized loss, \$28,419 realized loss, and \$6,744 in management fees. For the six months ended June 30, 2012, there was approximately \$1,343 in unrealized income, \$82 realized loss, and \$1,071 in management fees.

**Fair value of financial instruments:**

The Company accounts for financial instruments under Financial Accounting Standards Board (FASB) Accounting Standards Codification Topic (ASC) 820, *Fair Value Measurements*. This statement defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles, and expands disclosures about fair value measurements. To increase consistency and comparability in fair value measurements, ASC 820 establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three levels as follows:

Level 1 — quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2 — observable inputs other than Level 1, quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets and liabilities in markets that are not active, and model-derived prices whose inputs are observable or whose significant value drivers are observable; and

Level 3 — assets and liabilities whose significant value drivers are unobservable.

Observable inputs are based on market data obtained from independent sources, while unobservable inputs are based on the Company's market assumptions. Unobservable inputs require significant management judgment or estimation. In some cases, the inputs used to measure an asset or liability may fall into different levels of the fair value hierarchy. In those instances, the fair value measurement is required to be classified using the lowest level of input that is significant to the fair value measurement. Such determination requires significant management judgment. There were no financial assets or liabilities measured at fair value, with the exception of cash, cash equivalents and short-term investments as of June 30, 2013 and December 31, 2012.

The carrying amounts of the Company's financial instruments (other than cash, cash equivalents and short-term investments as discussed above) approximate fair value because of their variable interest rates and/or short maturities combined with the recent historical interest rate levels.

**Recently issued and adopted accounting pronouncements:**

The Company has evaluated all recently issued accounting pronouncements and believes such pronouncements do not have a material effect on the Company's financial statements.

**Income (loss) per share:**

ASC 260, *Earnings Per Share*, requires dual presentation of basic and diluted earnings per share (EPS) with a reconciliation of the numerator and denominator of the basic EPS computation to the numerator and denominator of the diluted EPS computation. Basic EPS excludes dilution. Diluted EPS reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock or resulted in the issuance of common stock that then shared in the earnings of the entity.

Basic net earnings (loss) per share includes no dilution and is computed by dividing net earnings (loss) available to shareholders by the weighted average number of common shares outstanding for the period. The increase in the weighted average number of common shares outstanding in the period ended June 30, 2013, as compared to the same 2012 period resulted from common shares issued in the 2013 public offering. Diluted net earnings (loss) per share reflect the potential dilution of securities that could share in the Company's earnings (loss). The effect of securities that could potentially dilute basic earnings in the future were not included in the current computations of diluted net earnings (loss) per share, because to do so would have been anti-dilutive. Accordingly, the weighted average shares outstanding have not been adjusted for dilutive shares. Outstanding stock options and warrants are not considered in the calculation, as the impact of the potential common shares (totaling approximately 5,844,000 shares and 840,400 shares as of June 30, 2013 and 2012, respectively) would be to decrease the net loss per share.

Following shareholder approval at May 22, 2012 annual meeting, the Board of Directors authorized a reverse stock split of the Company's common stock at a ratio of one-for-six, whereby each six shares of common stock were combined into one share of common stock (the "Reverse Stock Split").

The Reverse Stock Split was implemented and effective on June 20, 2012. All historical references to shares and share amounts in this report have been retroactively revised to reflect the Reverse Stock Split.

**Note 2. Property and equipment:**

Property and equipment consisted of the following:

	<b>June 30, 2013 (Unaudited)</b>	<b>December 31, 2012</b>
Land and improvements	\$ 1,107,508	\$ 1,107,508
Building	2,589,231	2,589,231
Building improvements	252,197	251,049
Laboratory equipment	1,220,735	1,211,418
Office and computer equipment	412,138	403,692
	<u>5,581,809</u>	<u>5,562,898</u>
Less accumulated depreciation	<u>3,205,109</u>	<u>3,078,359</u>
	<u>\$ 2,376,700</u>	<u>\$ 2,484,539</u>

Depreciation expense totaled approximately \$64,000 and \$131,000, and \$93,000 and \$186,000, for the three and six month periods ended June 30, 2013 and 2012, respectively.

**Note 3. Other long-term assets:**

Other long-term assets consisted of the following:

	<b>June 30, 2013 (Unaudited)</b>	<b>December 31, 2012</b>
Patents, trademarks and applications, net of accumulated amortization of \$382,908 and \$345,692	\$ 1,210,265	\$ 1,210,698
Goodwill	387,239	387,239
Other	12,384	3,957
	<u>\$ 1,609,888</u>	<u>\$ 1,601,894</u>

The Company capitalizes legal costs and filing fees associated with obtaining patents on its new discoveries. Once the patents have been issued, the Company amortizes these costs over the shorter of the legal life of the patent or its estimated economic life using the straight-line method. Based upon the current status of the above intangible assets, the aggregate amortization expense is estimated to be approximately \$76,000 for each of the next five fiscal years. The Company tests intangible assets with finite lives upon significant changes in the Company's business environment. The testing resulted in approximately \$3,000 of total patent impairment charges during the three and six month periods ended June 30, 2013, and approximately \$3,000 and \$45,000 of patent impairment charges during the three and six month periods ended June 30, 2012, respectively.

**Note 4. Notes and Other Obligations:**

Notes payable and other obligations consisted of the following:

	<b>June 30, 2013 (Unaudited)</b>	<b>December 31, 2012</b>
Mortgage notes	\$ 2,367,727	\$ 2,435,073
Termination obligation	—	397,588
Other short-term installment obligations	—	220,763
	<u>2,367,727</u>	<u>3,053,424</u>
Less current portion	<u>143,962</u>	<u>2,290,292</u>
	<u>\$ 2,223,765</u>	<u>\$ 763,132</u>



**Mortgage notes:**

The Company has a mortgage facility on its land and building. The mortgage is held by a commercial bank and includes approximately 35% that is guaranteed by the U. S. Small Business Administration (SBA). The loan is collateralized by the real property and the SBA portion is also personally guaranteed by a former officer of the Company. The commercial bank portion of the mortgage was refinanced with the current lender in May 2013. The revised terms include a payment schedule based on a fifteen year amortization, with a balloon maturity at five years. The commercial bank portion has the interest rate fixed at 3.95%, and the SBA portion bears interest at the rate of 5.86%. The commercial bank portion of the loan requires total monthly payments of approximately \$11,700, which includes approximately \$5,200 per month in interest. The SBA portion of the loan requires total monthly payments of approximately \$9,200 through July 2023, which currently includes approximately \$4,100 per month in interest and fees.

**Termination obligation:**

In November 2011, the Company entered into a Termination Agreement with Novartis Animal Health, Inc. (the "Novartis Termination Agreement") to terminate the Novartis License Agreement (Note 7). Under the Novartis Termination Agreement, the termination obligation originally totaled \$1,374,000, which was payable \$150,000 upon signing the Novartis Termination Agreement and in six equal subsequent quarterly installments of \$204,000 each. The Company discounted this obligation for financial reporting purposes to \$1,303,000, using an assumed interest rate of 7% (which represents the rate management believes it could have borrowed at for similar financings). During the three months ended June 30, 2013, the Company made the final payment of the remaining outstanding balance.

**Future maturities:**

The Company's total debt obligations require minimum annual principal payments of approximately \$71,000 for the remainder of 2013, \$146,000 in 2014, \$153,000 in 2015, \$159,000 in 2016 and \$1,839,000 thereafter, through the terms of the applicable debt agreements.

**Note 5. Stockholders' equity:**

Upon the completion of the 2013 annual stockholders meeting on June 11, 2013 where such action was approved, the Board of Directors approved an amendment to the Company's Articles of Incorporation to increase the authorized common shares to 60 million from 30 million.

In May 2013, the Company completed a public offering of securities consisting of 11,500,000 shares of common stock at an offering price of \$1.25 per share, generating approximately \$14.4 million in total proceeds. Fees and other expenses totaled approximately \$1,405,000, including a placement fee of 7%. Under the terms of the offering, investors received for each common share purchased a warrant to purchase 0.35 of a common share resulting in the issuance of warrants to purchase a total of 4,025,000 shares of common stock if all warrants are fully exercised. The exercise price of the warrants is \$1.36 per share; the warrants were exercisable upon issuance and expire in May 2018. Under the terms of the Underwriting Agreement, the underwriter exercised the option to purchase an additional 15% of the offering amount which is included in the above amounts. The purpose of the offering was to raise funds for working capital, new product development and general corporate purposes.

During the six months ended June 30, 2012, the Company completed a public offering of securities consisting of 6,100,000 shares of common stock at an offering price of \$2.00 per share, generating approximately \$12.2 million in total proceeds. Fees and other expenses totaled \$1,261,000, including a placement fee of 7%. Under the terms of the Underwriting Agreement, the underwriter received warrants to purchase a total of 305,000 shares of common stock. The exercise price of the warrants is \$2.50 per share; the warrants became exercisable in June 2013 and expire in June 2017. The purpose of the offering was to raise funds for working capital, new product development and general corporate purposes.

**Note 6. Stock options and warrants:****Stock options:**

The Company currently provides stock-based compensation to employees, directors and consultants, both under the Company's 2002 Stock Incentive Plan, as amended (the "Plan"), and non-qualified options and warrants issued outside of the Plan. The Company estimates the fair value of the share-based awards on the date of grant using the Black-Scholes option-pricing model (the "Black-Scholes model"). Using the Black-Scholes model, the value of the award that is ultimately expected to vest is recognized over the requisite service period in the statement of operations. Option forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates. The Company attributes compensation to expense using the straight-line single option method for all options granted.

The Company's determination of the estimated fair value of share-based payment awards on the date of grant is affected by the following variables and assumptions:

- The grant date exercise price – the closing market price of the Company's common stock on the date of the grant;
- Estimated option term – based on historical experience with existing option holders;
- Estimated dividend rates – based on historical and anticipated dividends over the life of the option;
- Term of the option – based on historical experience, grants have lives of approximately 3-5 years;
- Risk-free interest rates – with maturities that approximate the expected life of the options granted;
- Calculated stock price volatility – calculated over the expected life of the options granted, which is calculated based on the daily closing price of the Company's common stock over a period equal to the expected term of the option; and
- Option exercise behaviors – based on actual and projected employee stock option exercises and forfeitures.

The Company recognized total expenses for stock-based compensation during the periods ended June 30, as follows:

	<u>Three Months Ended</u>		<u>Six Months Ended</u>	
	<u>2013</u>	<u>2012</u>	<u>2013</u>	<u>2012</u>
Stock options to employees and directors	\$ 410,529	\$ 191,687	\$ 894,154	\$ 389,089
Stock options to consultants for:				
Investor relations activities	—	3,371	—	23,598
APPY1 activities	597	1,491	1,193	2,982
Animal health activities	—	2,876	—	5,752
<b>Total stock-based compensation</b>	<b>\$ 411,126</b>	<b>\$ 199,425</b>	<b>\$ 895,347</b>	<b>\$ 421,421</b>

The above expenses are included in the accompanying Statements of Operations for the periods ended June 30, in the following categories:

	<u>Three Months Ended</u>		<u>Six Months Ended</u>	
	<u>2013</u>	<u>2012</u>	<u>2013</u>	<u>2012</u>
Selling, general and administrative expenses	\$ 372,692	\$ 197,934	\$ 809,735	\$ 418,439
Research and development expenses	38,434	1,491	85,612	2,982
<b>Total stock-based compensation</b>	<b>\$ 411,126</b>	<b>\$ 199,425</b>	<b>\$ 895,347</b>	<b>\$ 421,421</b>

During the six month periods ended June 30, 2013 and 2012, no options were exercised.

#### Stock incentive plan options:

The Company currently provides stock-based compensation to employees, directors and consultants under the Plan. During the six months ended June 30, the Company utilized assumptions as follows:

	<u>2013</u>	<u>2012</u>
Dividend yield	0%	0%
Expected price volatility	127-128%	121%
Risk free interest rate	0.65 to 0.76%	0.78 to 1.03%
Expected term	5 years	5 years

Operating expenses for the three and six month periods ended June 30, 2013 and 2012, include \$403,000 and \$873,000, and \$186,000 and \$378,000, respectively, for the value of the stock options issued under the Plan.

A summary of stock option activity under the Plan for options to employees, officers, directors and consultants, for the six months ended June 30, 2013, is presented below:

	<u>Shares Underlying Options</u>	<u>Weighted Average Exercise Price</u>	<u>Weighted Average Remaining Contractual Term (Years)</u>	<u>Aggregate Intrinsic Value</u>
Outstanding at January 1, 2013	707,940	\$ 13.98		
Granted	525,603	2.06		
Exercised	—	—		
Forfeited	<u>(12,270)</u>	<u>20.16</u>		
Outstanding at June 30, 2013	<u>1,221,273</u>	<u>\$ 8.79</u>	8.9	<u>\$ —</u>
Exercisable at June 30, 2013	<u>304,572</u>	<u>\$ 28.06</u>	7.0	<u>\$ —</u>

The aggregate intrinsic value in the table above represents the total intrinsic value (the difference between the Company's closing stock price on June 30, 2013 and the exercise price, multiplied by the number of in-the-money options) that would have been received by the option holders, had all option holders been able to, and in fact had, exercised their options on June 30, 2013.

During the six months ended June 30, 2013, 525,603 options were granted under the Plan to employees, officers, directors and consultants with a weighted average exercise price at grant date of \$2.06 per option. Included in the 525,603 options issued, the non-employee directors were granted a total of 209,333 options at an average exercise price of \$2.10 per share of which the majority vest quarterly over a one-year period, officers were granted 292,000 options at an average exercise price of \$2.04 per share vesting over a twenty-four month period and employees were granted 24,270 options at an average exercise price of \$2.02 per share which vest over a twenty-four month period following grant. All options were granted under the Company's 2002 Stock Incentive Plan and expire ten years from the grant date.

During the six months ended June 30, 2013, a total of 12,270 options that were granted under the Plan to employees were forfeited, 7,308 of which were unvested. The options were exercisable at an average of \$20.16 per share and were forfeited upon the employees' terminations from the Company or the expiration of the term of the options. During the six months ended June 30, 2012, a total of 30,982 options that were granted under the Plan to employees, including an officer, were forfeited, 9,301 of which were vested and 21,681 of which were unvested. The options were exercisable at an average of \$35.41 per share and were forfeited upon the employees' terminations from the Company.

The total fair value of stock options granted to employees, directors and consultants that vested and became exercisable during the six months ended June 30, 2013 and 2012, was \$622,241 and \$1,149,000, respectively. Based upon the Company's experience, approximately 85% of the outstanding nonvested stock options, or approximately 779,000 options, are expected to vest in the future, under their terms.

A summary of the activity of nonvested options under the Plan to acquire common shares granted to employees, officers, directors and consultants during the six months ended June 30, 2013 is presented below:

<u>Nonvested Shares</u>	<u>Nonvested Shares Underlying Options</u>	<u>Weighted Average Exercise Price</u>	<u>Weighted Average Grant Date Fair Value</u>
Nonvested at January 1, 2013	508,435	\$ 3.70	\$ 3.07
Granted	525,603	2.06	1.75
Vested	<u>(110,029)</u>	<u>6.92</u>	<u>5.66</u>
Forfeited	<u>(7,308)</u>	<u>2.46</u>	<u>2.07</u>
Nonvested at June 30, 2013	<u>916,701</u>	<u>\$ 2.39</u>	<u>\$ 2.01</u>

At June 30, 2013, based upon employee, officer, director and consultant options granted under the Plan to that point, there was approximately \$807,000 of additional unrecognized compensation cost related to stock options that will be recorded over a weighted average future period of approximately one year.

### Other common stock purchase options and warrants:

As of June 30, 2013, in addition to the stock options issued under the Plan as discussed above, the Company had outstanding non-qualified options and warrants to acquire 4,622,505 shares of common stock. These options and warrants include those issued in connection with stock offerings, officers' employment inducement awards and investor relations consulting.

During the six month period ended June 30, 2013, warrants to acquire 4,025,000 shares of common stock were issued in connection with a public offering. Each warrant issued represents the right to acquire 0.35 of a share of common stock. During the six month period ended June 30, 2012, 325,000 stock options were granted outside of the Plan.

Operating expenses for the three and six month periods ended June 30, 2013 and 2012, include approximately \$8,000 and \$22,000, and \$14,000 and \$43,000, respectively, for the value of the non-qualified options and warrants.

Following is a summary of outstanding options and warrants that were issued outside of the Plan for the six months ended June 30, 2013:

	<b>Shares Underlying Options / Warrants</b>	<b>Weighted Average Exercise Price</b>	<b>Weighted Average Remaining Contractual Term (Years)</b>	<b>Aggregate Intrinsic Value</b>
Outstanding at January 1, 2013	598,507	\$ 5.01		
Granted	4,025,000	1.36		
Exercised	—	—		
Forfeited	(1,002)	59.10		
Outstanding at June 30, 2013	<u>4,622,505</u>	<u>\$ 1.82</u>	4.8	<u>\$ —</u>
Exercisable at June 30, 2013	<u>4,622,505</u>	<u>\$ 1.82</u>	4.8	<u>\$ —</u>

The aggregate intrinsic value above represents the total intrinsic value (the difference between the Company's closing stock price on June 30, 2013 and the exercise price, multiplied by the number of in-the-money options) that would have been received by the option holders, had all option holders been able to, and in fact had, exercised their options on June 30, 2013.

In May 2013, the Company completed a \$14.4 million public offering of securities and in connection with that offering, granted investors in the offering warrants to purchase a total of 4,025,000 shares of common stock at an exercise price of \$1.36 per share and expiring in May 2018. Included at June 30, 2013 in the total outstanding options and warrants are 4,597,505 non-compensatory rights granted in connection with public offerings and 25,000 rights issued under compensatory arrangements.

In June 2012, the Company completed a \$12.2 million public offering of securities and in connection with that offering, granted the underwriter warrants to purchase a total of 305,000 shares of common stock. These warrants which are included in the above table became exercisable in June 2013 at an exercise price of \$2.50 per share, and expire in June 2017.

The total fair value of stock options and warrants previously granted to an investor relations consulting firm and to certain officers that vested and became exercisable during the six months ended June 30, 2013 and 2012, was \$24,000 and \$56,000, respectively.

A summary of the activity of nonvested, non-qualified options and warrants granted outside of the Plan in connection with employment and investor relations consulting services during the six months ended June 30, 2013, is presented below:

Nonvested Shares	Nonvested Shares Underlying Options	Weighted Average Exercise Price	Weighted Average Grant Date Fair Value
Nonvested at January 1, 2013	8,332	\$ 3.42	\$ 2.84
Granted	—	—	—
Vested	(8,332)	3.42	2.84
Forfeited	—	—	—
Nonvested at June 30, 2013	—	\$ —	\$ —

At June 30, 2013, there was no unrecognized cost for non-qualified options that will be recorded in the future.

**Note 7. Animal Health License Agreements:**

Effective May 1, 2004 Washington University in St. Louis (WU) and Venaxis entered into an Exclusive License Agreement (WU License Agreement) which grants Venaxis exclusive license and right to sublicense WU's technology (as defined under the WU License Agreement) for veterinary products worldwide, except where such products are prohibited under U.S. laws for export. The term of the WU License Agreement continues until the expiration of the last of WU's patents (as defined in the WU License Agreement). Venaxis has agreed to pay minimum annual royalties of \$20,000 annually during the term of the WU License Agreement and such amounts are creditable against future royalties. Royalties payable to WU under the WU License Agreement for covered product sales by Venaxis carry a mid-single digit royalty rate and for sublicense fees received by Venaxis carry a low double-digit royalty rate. The WU License Agreement contains customary terms for confidentiality, prosecution and infringement provisions for licensed patents, publication rights, indemnification and insurance coverage. The WU License Agreement is cancelable by Venaxis with ninety days advance notice at any time and by WU with sixty days advance notice if Venaxis materially breaches the WU License Agreement and fails to cure such breach.

In July 2012, the Company entered into an Exclusive License Agreement (the "License Agreement") with a licensee ("Licensee"), under which the Company granted the Licensee an exclusive royalty-bearing license to the Company's intellectual property and other assets, including patent rights and know-how, relating to recombinant single chain reproductive hormone technology for use in non-human mammals (the "Company's Animal Health Assets"). The License Agreement includes a sublicense of the technology licensed to the Company by WU. Under the terms of the WU License Agreement, a portion of license fees and royalties Venaxis receives from sublicensing agreements will be paid to WU. The obligation for such license fees due to WU is included in accrued expenses at June 30, 2013.

Under the License Agreement, the Licensee obtained a worldwide exclusive license to develop, seek regulatory approval for and offer to sell, market, distribute, import and export luteinizing hormone ("LH") and/or follicle-stimulating hormone ("FSH") products for bovine (cattle), equine and swine in the field of the assistance and facilitation of reproduction in bovine, equine and swine animals. The Company also granted the Licensee an option and right of first refusal to develop additional animal health products outside of the licensed field of use or any diagnostic pregnancy detection tests for non-human mammals.

Under the License Agreement as of June 30, 2013, the following future milestone payments are provided, assuming future milestones are successfully achieved:

- Milestone payments, totaling up to a potential of \$1.1 million in the aggregate, based on the satisfactory conclusion of milestones as defined in the License Agreement;
- Potential for milestone payments of up to an additional \$2 million for development and receipt of regulatory approval for additional licensed products; and
- Royalties, at low double digit rates, based on sales of licensed products.

Revenue recognition related to the License Agreement and WU License Agreement is based primarily on the Company's consideration of ASC 808-10-45, "Accounting for Collaborative Arrangements". For financial reporting purposes, the license fees and milestone payments received from the License Agreement, net of the amounts due to third parties, including WU, have been recorded as deferred revenue and are amortized over the term of the License Agreement. License fees and milestone revenue totaling a net of approximately \$1,182,000 commenced being amortized into income upon the July 2012 date of milestone achievement. As of June 30, 2013, deferred revenue of \$84,995 has been classified as a current liability and \$1,233,470 has been classified as a long-term liability. The current liability includes the next twelve months' portion of the amortizable milestone revenue. During the three and six month periods ended June 30, 2013, \$21,249 and \$39,904, respectively, was recorded as the amortized license fee revenue arising from the License Agreement.

A tabular summary of the revenue categories and amounts of revenue recognition associated with the License Agreement follows:

Category	Totals
License fees and milestone amounts received / achieved	\$ 1,716,000
Third party obligations recorded, including WU	(337,060 )
Deferred revenue balance	1,378,940
Revenue amortization to June 30, 2013	(60,475 )
Net deferred revenue balance at June 30, 2013	<u>\$ 1,318,465</u>

Commencement of license fees revenue recognition	Upon signing or receipt
Commencement of milestone revenue recognition	Upon milestone achievement over then remaining life
Original amortization period	197 months

The animal health technology licensed from WU in 2004 was previously sub-licensed in 2008 to Novartis Animal Health (“Novartis”) under a long-term world-wide development and marketing agreement. In November 2011, the Company entered into a Termination Agreement with Novartis Animal Health, Inc. (the “Novartis Termination Agreement”) to terminate the Novartis License Agreement. Under the Novartis Termination Agreement, the original termination obligation totaled \$1,374,000, which was payable \$150,000 upon signing the Novartis Termination Agreement and six equal subsequent quarterly installments of \$204,000 each. As of June 30, 2013, the termination obligation had been paid off.

**Note 8. Commitments and contingencies:**

**Employment commitments:**

As of June 30, 2013, the Company has employment agreements with three officers providing aggregate annual minimum commitments totaling \$780,000. The agreements automatically renew at the end of each year unless terminated by either party and contain customary confidentiality and benefit provisions.

**Contingencies:**

On October 1, 2010, the Company received a complaint, captioned John Wolfe, individually and on behalf of all others similarly situated v. AspenBio Pharma, Inc. (now Venaxis, Inc.) et al., Case No. CV10 7365 (“Wolfe Suit”). This federal securities purported class action was filed in the U.S. District Court in the Central District of California on behalf of all persons, other than the defendants, who purchased common stock of the Company during the period between February 22, 2007 and July 19, 2010, inclusive. The complaint named as defendants certain officers and directors of the Company during such period. The complaint included allegations of violations of Section 10(b) of the Exchange Act and SEC Rule 10b-5 against all defendants, and of Section 20(a) of the Exchange Act against the individual defendants, all related to the Company’s blood-based acute appendicitis test in development. On the Company’s motion, this action was also transferred to the U.S. District Court for the District of Colorado by order dated January 21, 2011. The action was assigned a District of Colorado Civil Case No. 11-cv-00165-REB-KMT. On July 11, 2011, the court appointed a lead plaintiff and approved lead counsel. On August 23, 2011, the lead plaintiff filed an amended putative class action complaint.

On October 7, 2011, the Company filed a motion to dismiss the amended complaint. On September 13, 2012, the United States District Court for Colorado granted the Company’s motion to dismiss, dismissing the plaintiffs’ claims against all defendants without prejudice. On September 14, 2012, the court entered Final Judgment without prejudice on behalf of all defendants and against all plaintiffs in the Wolfe Suit. The Order to dismiss the action found in favor of the Company and all of the individual defendants. On October 12, 2012, the plaintiffs filed a Notice of Appeal of the Order granting the motion to dismiss and of the Final Judgment in the Wolfe Suit. The plaintiffs filed their opening brief with the Tenth Circuit Court of Appeals on March 1, 2013. The Company filed its answering brief with the Tenth Circuit Court of Appeals on April 8, 2013. The plaintiffs filed a reply brief on April 25, 2013. The Tenth Circuit Court of Appeals has scheduled an oral argument for September 26, 2013. The Company and the individual defendants believe that the plaintiffs’ allegations are without merit, have vigorously defended against these claims, and intend to continue to do so.

In the ordinary course of business and in the general industry in which the Company is engaged, it is not atypical to periodically receive a third party communication which may be in the form of a notice, threat, or 'cease and desist' letter concerning certain activities. For example, this can occur in the context of the Company's pursuit of intellectual property rights. This can also occur in the context of operations such as the using, making, having made, selling, and offering to sell products and services, and in other contexts. The Company makes rational assessment of each situation on a case-by-case basis as such may arise. The Company periodically evaluates its options for trademark positions and considers a full spectrum of alternatives for trademark protection and product branding.

We are not a party to any other legal proceedings, the adverse outcome of which would, in our management's opinion, have a material adverse effect on our business, financial condition and results of operations.

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

### Management's plans and basis of presentation:

The Company has experienced recurring losses and negative cash flows from operations. At June 30, 2013, the Company had approximate balances of cash and liquid investments of \$19,993,000, working capital of \$18,080,000, stockholders' equity of \$18,609,000 and an accumulated deficit of \$80,180,000. To date, the Company has in large part relied on equity financing to fund its operations. The Company expects to continue to incur losses from operations for the near-term and these losses could be significant as product development, clinical and regulatory activities, consulting expenses and other product development related expenses are incurred. Following the May 2013 public offering, the Company believes that its current working capital position will be sufficient to meet its estimated cash needs for the remainder of 2013 and into 2014. If the Company is not able to obtain additional capital when needed, the Company would potentially be required to reduce the scope of its research and development activities or cease operations. The Company is closely monitoring its cash balances, cash needs and expense levels. In May 31, 2013, the Company completed a public offering and refinanced its commercial bank obligation.

Management's strategic plans include the following:

- continuing to advance development of the Company's principal product, *APPY1*;
- continuing to explore prospective partnering or licensing opportunities with complementary opportunities and technologies; and
- continuing to monitor and implement cost control initiatives to conserve cash.

### Results of Operations

#### Comparative Results for the Six Months Ended June 30, 2013 and 2012

No sales were recorded for the six months ended June 30, 2013 as compared to the 2012 period with \$35,000 in sales. The decrease is attributable to the Company's previous strategic decision to suspend antigen production and focus available resources on the acute appendicitis test product development activities.

In July 2012, the Company entered into an Exclusive License Agreement (License Agreement) with a licensee (Licensee) under which the Company granted the Licensee an exclusive royalty-bearing license to the Company's intellectual property and other assets, including patent rights and know-how, relating to recombinant single chain reproductive hormone technology for use in non-human mammals (Company's Animal Health Assets). The net total payments received under this agreement were recorded as deferred revenue and are being recognized as revenue over future periods. During the six months ended June 30, 2013, \$39,904 of such license payments was recognized as revenue.

Selling, general and administrative expenses in the six months ended June 30, 2013 totaled \$2,782,000, which is an \$184,000 or 7% increase as compared to the 2012 period. Commercialization and marketing expenses increased by approximately \$431,000 in the 2013 period as the Company advanced on its product commercialization strategy, which was offset by a decrease in compensation.

Research and development expenses in the six months ended June 30, 2013 totaled \$3,212,000, which is approximately a \$1,655,000 or 106% increase as compared to the 2012 period. Appendicitis test related expenses increased by approximately \$1,382,000 in 2013 as compared to 2012, due primarily to clinical trial activities.

Primarily as a result of the higher levels of cash for the six months ended June 30, 2013 as compared to the 2012 period, interest income of approximately \$32,000 was earned in 2013 as compared to \$3,000 in 2012. Interest expense for the six months ended June 30, 2013, decreased to \$75,000, compared to \$130,000 in the 2012 period.

No income tax benefit was recorded on the net loss for the six months ended June 30, 2013 and 2012, as management was unable to determine that it was more likely than not that such benefit would be realized.



## Comparative Results for the Three Months Ended June 30, 2013 and 2012

No sales were recorded for the three months ended June 30, 2013 as compared to the 2012 period with \$27,000 in sales. The decrease is attributable to the Company's previous strategic decision to suspend antigen production and focus available resources on the acute appendicitis test product development activities.

In July 2012, the Company entered into an Exclusive License Agreement (License Agreement) with a licensee (Licensee) under which the Company granted the Licensee an exclusive royalty-bearing license to the Company's intellectual property and other assets, including patent rights and know-how, relating to recombinant single chain reproductive hormone technology for use in non-human mammals (Company's Animal Health Assets). The net total payments received under this agreement were recorded as deferred revenue and are being recognized as revenue over future periods. During the three months ended June 30, 2013, \$21,249 of such license payments was recognized as revenue.

Selling, general and administrative expenses in the three months ended June 30, 2013, totaled \$1,354,000, which is a \$39,000 or 3% decrease as compared to the 2012 period. Commercialization and marketing expenses increased by approximately \$233,000 in the 2013 period as the Company advanced on its product commercialization strategy, which was offset by a decrease in compensation.

Research and development expenses in the three months ended June 30, 2013 totaled \$1,801,000, which is approximately a \$920,000 or 106% increase as compared to the 2012 period. Appendicitis test related expenses increased by approximately \$747,000 in 2013 as compared to 2012, due primarily to clinical trial activities.

Primarily as a result of the higher levels of cash for the three months ended June 30, 2013 as compared to the 2012 period, interest income of approximately \$20,000 was earned in 2013 as compared to \$1,000 in 2012. Interest expense for the three months ended June 30, 2013, decreased to \$31,000, compared to \$64,000 in the 2012 period.

## Liquidity and Capital Resources

At June 30, 2013, we had working capital of \$18,079,793, which included cash, cash equivalents and short term investments of \$19,993,075. We reported a net loss of \$5,946,788 during the six months ended June 30, 2013, which included \$1,030,000 in net non-cash expenses including stock-based compensation totaling \$895,000, impairment charges totaling \$3,000 and depreciation and amortization totaling \$172,000, net of amortization of license fee of \$40,000.

Currently, our primary focus is to continue the development activities on our acute appendicitis diagnostic test, including advancement of the steps required for FDA clearance, as well as advancing on commercialization and marketing activities following the recent attainment of CE marking in Europe (EU).

We expect to continue to incur losses from operations for the near-term and these losses could be significant as we incur product development, clinical and regulatory activities, contract consulting and other product development and commercialization related expenses. We believe that our current working capital position will be sufficient to meet our estimated cash needs for the remainder of 2013 and into 2014.

We expect that our primary expenditures will be to continue enrollment of our FDA clinical trial for *APPY1* and to support commercialization and marketing activities of our appendicitis test in Europe following the recent successful completion of CE marking. Based upon our experience, clinical trial expenses can be significant costs. During the six month periods ended June 30, 2013 and 2012, we expended approximately \$2,209,000 and \$807,000, respectively, in direct costs for *APPY1* development and related clinical and regulatory efforts. Steps to achieve commercialization of the acute appendicitis product will be an ongoing and evolving process with expected improvements and possible subsequent generations being evaluated for the test. Should we be unable to achieve FDA clearance of the *APPY1* appendicitis test or generate sufficient revenues from the product, we would need to rely on other business or product opportunities to generate revenues and costs that we have incurred for the acute appendicitis patent may be deemed impaired.

During July 2012, the Company entered into a License Agreement with the Licensee, under which the Company granted the Licensee an exclusive royalty-bearing license to the Company's Animal Health Assets. The License Agreement includes a sublicense of the technology licensed to the Company by WU. Under the terms of the WU License Agreement, a portion of license fees and royalties Venaxis receives from sublicensing agreements will be paid to WU. Obligation for any license fees due to WU is included in accrued expenses at June 30, 2013.

Under the License Agreement, the following milestone payments will be paid to the Company, assuming future milestones are successfully achieved by the Licensee:

- Milestone payments, totaling up to a potential of \$1.1 million in the aggregate, based on the satisfactory conclusion of milestones as defined in the License Agreement;
- Potential for milestone payments of up to an additional \$2 million for development and receipt of regulatory approval for additional licensed products; and
- Royalties, at low double digit rates, based on sales of licensed products.

We have entered and expect to continue to enter into additional agreements with contract manufacturers for the development and manufacture of certain of our products for which we are seeking FDA approval. The goal of this development process is to establish current good manufacturing practices (cGMP) required for those products for which we are seeking FDA approval. These development and manufacturing agreements generally contain transfer fees and possible penalty and royalty provisions if we transfer our products to another contract manufacturer. We expect to continue to evaluate, negotiate and execute additional and expanded development and manufacturing agreements, some of which may be significant commitments. We may also consider acquisitions of development technologies or products, if opportunities arise that we believe fit our business strategy and would be appropriate from a capital standpoint.

Capital expenditures, primarily for production, laboratory and facility improvement costs for remainder of the year ending December 31, 2013 are anticipated to total approximately \$75,000 to \$125,000. We anticipate these capital expenditures to be financed through working capital.

The Company periodically enters into generally short-term consulting and development agreements primarily for product development, testing services and in connection with clinical trials conducted as part of the Company's FDA clearance process. Such commitments at any point in time may be significant but the agreements typically contain cancellation provisions.

We have a permanent mortgage on our land and building that was refinanced in May, 2013. The mortgage is held by a commercial bank and includes a portion guaranteed by the U. S. Small Business Administration. The loan is collateralized by the real property and the SBA portion is also personally guaranteed by a former officer of the Company. The commercial bank loan terms include a payment schedule based on a fifteen year amortization, with a balloon maturity at five years. The commercial bank portion has an interest rate fixed at 3.95%, and the SBA portion bears interest at the rate of 5.86%. The commercial bank portion of the loan requires total monthly payments of approximately \$11,700, which includes approximately \$5,200 per month in interest. The SBA portion of the loan requires total monthly payments of approximately \$9,200 through July 2023, which currently includes approximately \$4,100 per month in interest and fees.

Due to recent market events that have adversely affected all industries and the economy as a whole, management has placed increased emphasis on monitoring the risks associated with the current environment, particularly the investment parameters of the short term investments, the recoverability of current assets, the fair value of assets, and the Company's liquidity. At this point in time, there has not been a material impact on the Company's assets and liquidity. Management will continue to monitor the risks associated with the current environment and their impact on the Company's results.

### **Operating Activities**

Net cash consumed by operating activities was \$4,357,000 during the six months ended June 30, 2013. Cash was consumed by the loss of \$5,947,000, less non-cash expenses of \$895,000 for stock-based compensation, \$3,000 for impairment charges and \$172,000 for depreciation and amortization, net of \$40,000 for amortization of license fees. For the six months ended June 30, 2013, increases in accounts payable and accrued expenses of \$97,000 provided cash, primarily related to the costs accrued on the *APPY1* trial activities in 2013. A decrease of \$266,000 in prepaid expenses and other current assets generated cash from operating activities. Cash provided by operations included an increase of approximately \$197,000 in deferred revenue due to activities under the License Agreement.

Net cash consumed by operating activities was \$3,065,000 during the six months ended June 30, 2012. Cash was consumed by the loss of \$4,248,000, less non-cash expenses of \$451,000 for stock-based compensation and \$269,000 for depreciation and amortization, impairment and other non-cash items. For the six months ended June 30, 2012, decreases in accounts receivable generated cash of \$10,000. Decreases in prepaid and other current assets of \$169,000 provided cash, primarily related to routine changes in operating activities. Cash used in operations included an \$80,000 increase in accounts payable and accrued expenses in 2012 and cash provided by an increase of \$204,000 in deferred revenue, upon the execution of an option agreement for the Company's animal health assets.

## Investing Activities

Net cash outflows from investing activities consumed \$9,168,000 during the six months ended June 30, 2013. Purchases of short-term investments totaled approximately \$12,505,000. Sales of short-term investments totaled approximately \$3,411,000. A \$52,000 use of cash was attributable to additional costs incurred from patent filings and approximately \$23,000 was incurred from purchases of property and equipment.

Net cash inflows from investing activities generated \$740,000 during the six months ended June 30 2012. Sales of marketable securities investments purchased totaled approximately \$1,003,000 and marketable securities purchased totaled approximately \$210,000. A \$53,000 use of cash was attributable to additional costs incurred from patent filing.

## Financing Activities

Net cash inflows from financing activities generated \$12,284,000 during the six month period ended June 30, 2013. The Company received net proceeds of \$12,970,000 from the sale of common stock in a public offering and repaid \$686,000 in scheduled payments under its debt agreements.

Net cash inflows from financing activities generated \$10,306,000 during the six month period ended June 30, 2012. The Company received net proceeds of \$10,939,000 from the sale of common stock in a public offering of securities and repaid \$632,000 in scheduled payments under its debt agreements.

## Critical Accounting Policies

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions about future events that affect the amounts reported in the financial statements and accompanying notes. Future events and their effects cannot be determined with absolute certainty. Therefore, the determination of estimates requires the exercise of judgment. Actual results inevitably will differ from those estimates, and such differences may be material to the financial statements. The most significant accounting estimates inherent in the preparation of our financial statements include estimates associated with revenue recognition, impairment analysis of intangibles and stock-based compensation.

The Company's financial position, results of operations and cash flows are impacted by the accounting policies the Company has adopted. In order to get a full understanding of the Company's financial statements, one must have a clear understanding of the accounting policies employed. A summary of the Company's critical accounting policies follows:

**Investments:** The Company invests excess cash from time to time in highly liquid debt and equity securities of highly rated entities which are classified as trading securities. Such amounts are recorded at market and are classified as current, as the Company does not intend to hold the investments beyond twelve months. Such excess funds are invested under the Company's investment policy but an unexpected decline or loss could have an adverse and material effect on the carrying value, recoverability or investment returns of such investments. Our Board has approved an investment policy covering the investment parameters to be followed with the primary goals being the safety of principal amounts and maintaining liquidity of the fund. The policy provides for minimum investment rating requirements as well as limitations on investment duration and concentrations.

**Intangible Assets:** Intangible assets primarily represent legal costs and filings associated with obtaining patents on the Company's new discoveries. The Company amortizes these costs over the shorter of the legal life of the patent or its estimated economic life using the straight-line method. The Company tests intangible assets with finite lives upon significant changes in the Company's business environment. The testing resulted in \$3,000 in patent impairment charges during the six months ended June 30, 2013 and \$42,000 for the six months ended June 30, 2012.

**Long-Lived Assets:** The Company records property and equipment at cost. Depreciation of the assets is recorded on the straight-line basis over the estimated useful lives of the assets. Dispositions of property and equipment are recorded in the period of disposition and any resulting gains or losses are charged to income or expense when the disposal occurs. The Company reviews for impairment whenever there is an indication of impairment. The required annual testing resulted in no impairment charges being recorded to date.

**Revenue Recognition:** The Company's revenues are recognized when products are shipped or delivered to unaffiliated customers. The Securities and Exchange Commission's Staff Accounting Bulletin (SAB) No. 104, provides guidance on the application of generally accepted accounting principles to select revenue recognition issues. The Company has concluded that its revenue recognition policy is appropriate and in accordance with SAB No. 104. Revenue is recognized under sales, license and distribution agreements only after the following criteria are met: (i) there exists adequate evidence of the transactions; (ii) delivery of goods has occurred or services have been rendered; and (iii) the price is not contingent on future activity and (iv) collectability is reasonably assured.

**Stock-based Compensation:** ASC 718, *Share-Based Payment*, defines the fair-value-based method of accounting for stock-based employee compensation plans and transactions used by the Company to account for its issuances of equity instruments to record compensation cost for stock-based employee compensation plans at fair value as well as to acquire goods or services from non-employees. Transactions in which the Company issues stock-based compensation to employees, directors and consultants and for goods or services received from non-employees are accounted for based on the fair value of the equity instruments issued. The Company utilizes pricing models in determining the fair values of options and warrants issued as stock-based compensation. These pricing models utilize the market price of the Company's common stock and the exercise price of the option or warrant, as well as time value and volatility factors underlying the positions.

**Recently issued and adopted accounting pronouncements:**

The Company has evaluated all recently issued accounting pronouncements and believes such pronouncements do not have a material effect on the Company's financial statements.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION AND STATEMENTS

Certain statements in Management's Discussion and Analysis of Financial Condition and Results of Operations and other portions of this report are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and are subject to the safe harbor created thereby. These statements relate to future events or the Company's future financial performance and involve known and unknown risks, uncertainties and other factors that may cause the actual results, levels of activity, performance or achievements of the Company or its industry to be materially different from those expressed or implied by any forward-looking statements. In some cases, forward-looking statements can be identified by terminology such as "may," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "believe," "estimate," "predict," "potential" or other comparable terminology. Please see the "Risk Factors" in Part II, Item 1A of the Periodic Report on Form 10-Q for a discussion of certain important factors that relate to forward-looking statements contained in this report. Although the Company believes that the expectations reflected in these forward-looking statements are reasonable, it can give no assurance that such expectations will prove to be correct. Unless otherwise required by applicable securities laws, the Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

**Item 3. Quantitative and Qualitative Disclosures About Market Risk**

**General**

We have limited exposure to market risks from instruments that may impact the *Balance Sheets, Statements of Operations, and Statements of Cash Flows*. Such exposure is due primarily to changing interest rates.

**Interest Rates**

The primary objective for our investment activities is to preserve principal while maximizing yields without significantly increasing risk. This is accomplished by investing excess cash in highly liquid debt and equity investments of highly rated entities which are classified as trading securities. As of June 30, 2013, approximately 44% of the investment portfolio was in cash and cash equivalents with very short term maturities and therefore not subject to any significant interest rate fluctuations. We have no investments denominated in foreign currencies and therefore our investments are not subject to foreign currency exchange risk.

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

##### **Evaluation of Disclosure Controls and Procedures**

Management of the Company, including the Chief Executive Officer and the Chief Financial Officer, has conducted an evaluation of the effectiveness of the Company's disclosure controls and procedures (as defined in the Securities Exchange Act of 1934 Rule 13a-15(e)) as of the last day of the period of the accompanying financial statements. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures are effective as of June 30, 2013.

##### *Changes in Internal Control Over Financial Reporting.*

There was no change in the Company's internal control over financial reporting that occurred during the fiscal quarter to which this report relates that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

## PART II - OTHER INFORMATION

### Item 1. Legal Proceedings

On October 1, 2010, the Company received a complaint, captioned John Wolfe, individually and on behalf of all others similarly situated v. AspenBio Pharma, Inc. (now Venaxis, Inc.) et al., Case No. CV10 7365 (“Wolfe Suit”). This federal securities purported class action was filed in the U.S. District Court in the Central District of California on behalf of all persons, other than the defendants, who purchased common stock of the Company during the period between February 22, 2007 and July 19, 2010, inclusive. The complaint named as defendants certain officers and directors of the Company during such period. The complaint included allegations of violations of Section 10(b) of the Exchange Act and SEC Rule 10b-5 against all defendants, and of Section 20(a) of the Exchange Act against the individual defendants, all related to the Company’s blood-based acute appendicitis test in development. On the Company’s motion, this action was also transferred to the U.S. District Court for the District of Colorado by order dated January 21, 2011. The action was assigned a District of Colorado Civil Case No. 11-cv-00165-REB-KMT. On July 11, 2011, the court appointed a lead plaintiff and approved lead counsel. On August 23, 2011, the lead plaintiff filed an amended putative class action complaint.

On October 7, 2011, the Company filed a motion to dismiss the amended complaint. On September 13, 2012, the United States District Court for Colorado granted the Company’s motion to dismiss, dismissing the plaintiffs’ claims against all defendants without prejudice. On September 14, 2012, the court entered Final Judgment without prejudice on behalf of all defendants and against all plaintiffs in the Wolfe Suit. The Order to dismiss the action found in favor of the Company and all of the individual defendants. On October 12, 2012, the plaintiffs filed a Notice of Appeal of the Order granting the motion to dismiss and of the Final Judgment in the Wolfe Suit. The plaintiffs filed their opening brief with the Tenth Circuit Court of Appeals on March 1, 2013. The Company filed its answering brief with the Tenth Circuit Court of Appeals on April 8, 2013. The plaintiffs filed a reply brief on April 25, 2013. The Tenth Circuit Court of Appeals has scheduled an oral argument for September 26, 2013. The Company and the individual defendants believe that the plaintiffs’ allegations are without merit, have vigorously defended against these claims, and intend to continue to do so.

We are not a party to any other legal proceedings, the adverse outcome of which would, in our management’s opinion, have a material adverse effect on our business, financial condition and results of operations.

### Item 1A. Risk Factors

If any of the following risks actually occur, they could materially adversely affect our business, financial condition or operating results. In that case, the trading price of our common stock could decline.

#### Risks Related to Our Business

***We are currently a single product company that is heavily dependent on the successful development and commercialization of the APPY1 product, and if we encounter delays or difficulties in the development of this product, our business could be harmed.***

Our success is heavily dependent upon the successful development of the APPY1 product. Our business could be materially harmed if we encounter difficulties in the development of this product, such as:

- delays in the design, enrollment, implementation or completion of the current APPY1 clinical trial;
- less than desired results of the APPY1 clinical trial; and
- an inability to follow our current development strategy for obtaining regulatory approval from the FDA because of changes in the regulatory approval process.

***The commercial success of our products will depend upon the degree of market acceptance by physicians, hospitals, third-party payors, and others in the medical community.***

The APPY1 product and any other products that we ultimately bring to the market, if they receive approval, may not gain market acceptance by physicians, hospitals, third-party payors or others in the medical community. If these products do not achieve an adequate level of acceptance, we may not generate significant product revenue and we may not become profitable. The degree of market acceptance of our products, if approved for commercial sale, will depend on a number of factors, including:

- the efficacy and potential advantages over alternative treatments;
- the ability to offer our products for sale at competitive prices;
- the willingness of the target population to accept and adopt our products;
- the strength of marketing and distribution support and the timing of market introduction of competitive products; and
- publicity concerning our products or competing products and treatments.

Even if a potential product displays a favorable profile, market acceptance of the product will not be known until after it is launched. Our efforts to educate the medical community and third-party payors on the benefits of our products may require significant resources and may never be successful. Such efforts to educate the marketplace may require more resources than are required by conventional technologies marketed by our competitors.

***If we fail to obtain FDA clearance, which we expect to proceed under a 510(k) de novo classification path, we cannot market our product in the United States. An alternative path, which is longer and more restrictive, would be required. Such a process, called a premarket approval (PMA) would place our product in FDA's Class III.***

Therapeutic or human diagnostic products such as our APPY1 test require FDA clearance (or approval or licensing) prior to marketing and sale. This applies to our ability to market, directly or indirectly, our APPY1 acute appendicitis test. As a new product, this test must undergo lengthy and rigorous development testing and other extensive, costly and time-consuming procedures mandated by the FDA. In order to obtain required FDA clearance we must finalize development of our product, product labeling and successfully complete clinical testing. This process has taken, and will continue to take, a substantial amount of time and resources to complete. We may elect to delay or cancel our anticipated regulatory submissions for new indications for our proposed new products for a number of reasons. There is no assurance that any of our strategies for obtaining FDA clearance or approval in an expedient manner will be successful, and FDA clearance is not guaranteed. The actual timing of such completion, submission and clearance could also impact our ability to realize market value from such products. If we do achieve FDA clearance or approval, it could subsequently be suspended or revoked, or we could be fined, based on a failure to continue to comply with ongoing regulatory requirements and standards. Similar regulatory approval or ongoing requirements and contingencies will also be encountered in major international markets.

If we fail to obtain FDA clearance or approval for our human diagnostic products, we will not be able to market and sell our products in the United States. As a result, we would not be able to recover the time and resources spent on research and development of such products.

***We have incurred losses since inception, and we expect to incur significant losses in the foreseeable future and may never become profitable.***

Since our inception in 2000, we have incurred significant losses and negative cash flows from operations. We incurred net losses of \$9,212,000 in 2012, \$10,214,000 in 2011 and \$13,338,000 in 2010 and \$5,900,000 for the six months ended June 30, 2013. As of June 30, 2013, we had an accumulated deficit of \$80,200,000, and anticipate incurring additional losses for at least the next several years. In order to achieve profitability, we must develop products and technologies that can be commercialized by us or through our existing or future collaborations. Our ability to generate revenues and become profitable will depend on our ability, alone or with potential collaborators, to timely, efficiently and successfully complete the development of our products. We cannot assure you that we will ever earn revenue or that we will ever become profitable. If we sustain losses over an extended period of time, we may be unable to continue our business.

We expect to continue to incur operating losses at least until 2015. If capital requirements vary materially from those currently planned, we may require additional capital sooner than expected.

***We will need substantial additional funding to develop our products and for our future operations. If we are unable to obtain the funds necessary to do so, we may be required to delay, scale back or eliminate our product development activities or may be unable to continue our business.***

We have historically needed to raise capital to fund our operating losses, including development expenses. The development of our product candidates will require a commitment of substantial funds to conduct costly and time-consuming research, which may include preclinical and clinical testing, necessary to obtain regulatory approvals and bring our products to market. Net cash used in our operations was \$5,489,000 in 2012, \$8,333,000 in 2011 and \$10,707,000 in 2010, and \$4,357,000 for the six months ended June 30, 2013.

At June 30, 2013, we had \$19,993,000 of cash, cash equivalents, and short-term investments. While we believe that we have sufficient funds to continue our operations through the completion of our current clinical trial for the *APPY1* product, we expect that we will require additional capital to complete the FDA clearance process for *APPY1* and to fund the initial commercialization activities in the U.S. and the E.U. and for future product development, both future generation *APPY1* and other diagnostic products. We cannot be certain that additional capital will be available on acceptable terms or at all. In recent years, it has been difficult for companies to raise capital, especially in light of the state of the current financial markets which could impact the timing, terms and other factors in our attempts to raise capital. To the extent we raise additional capital through the sale of equity securities, the ownership position of our existing shareholders could be substantially diluted and the market price of our common stock could decline.

Failure to successfully address ongoing liquidity requirements will have a material adverse effect on our business. If we are unable to obtain additional capital on acceptable terms when needed, we may be required to take actions that harm our business and our ability to achieve cash flow in the future, including possibly the surrender of our rights to some technologies or product opportunities, delaying our clinical trials or curtailing or ceasing operations.

***The successful development of a medical device such as our acute appendicitis test is highly uncertain and requires significant financial expenditures and time.***

Successful development of medical devices is highly uncertain. Products that appear promising in research or development may be delayed or fail to reach later stages of development or the market for several reasons, including failure to obtain regulatory clearance or approval, manufacturing costs, pricing and reimbursement issues, or other factors that may render the product uneconomical to commercialize. In addition, success in pilot trials does not ensure that larger-scale clinical trials will be successful. Evolutions in development from early stage products to later state products may require additional testing or analysis. Clinical results are frequently susceptible to varying interpretations that may delay, limit, or prevent regulatory approvals. The length of time necessary to complete clinical trials and to submit an application for marketing approval for a final decision by a regulatory authority varies significantly and may be difficult to predict. If our large-scale clinical trials for a product are not successful, we will not recover our substantial investments in that product.

Factors affecting our research and development productivity and the amount of our research and development expenses include, but are not limited to, the number of patients required to be enrolled, site costs (including site overhead) and the outcome of required clinical trials to be conducted by us and/or our collaborators.

***We may not be able to successfully launch sales of our products in the European Union countries or elsewhere outside of the U.S.***

We obtained CE marking for our *APPY1* products in January 2013. We have launched initial commercialization and marketing activities in the U.K., Italy, France, Germany, Turkey and the Benelux countries. Our strategy is to leverage the experience of key opinion leaders in select hospitals in such countries in order to generate additional meaningful, multinational field data for *APPY1* products. We may not be able to implement such strategy on a timely basis, and may encounter the uncertainties and delays in adoption that accompany new diagnostic testing alternatives, pricing pressure for our products and difficulties developing the relationships necessary to conduct business outside of the United States. We also will rely on third parties to sell our products internationally. In these instances, our future revenues will be materially dependent upon the success of the efforts of these third parties.

***Clinical trials are expensive and we cannot assure that we will be able to complete our clinical trial program successfully within any specific time period, or if such clinical trial takes longer to complete than we project, our ability to execute our current business strategy will be adversely affected.***

Conducting clinical trials is a lengthy, time-consuming and expensive process. Before obtaining regulatory approvals for the commercial sale of any products, we must demonstrate through clinical trials the safety and effectiveness of our products. We have incurred, and we will continue to incur, substantial expense for, and devote a significant amount of time to, product development, pilot trial testing, clinical trials and regulated, compliant manufacturing processes.

Even if completed, we do not know if these trials will produce statistically significant or clinically meaningful results sufficient to support an application for marketing approval. Whether or not and how quickly we complete clinical trials is dependent in part upon the rate at which we are able to advance the rate of patient enrollment, and the rate to collect, clean, lock and analyze the clinical trial database.



Patient enrollment in trials is a function of many factors, including the design of the protocol, the size of the patient population, the proximity of patients to and availability of clinical sites, the time involved to train sites personnel to participate in the study, the impact on the trial from personnel changes or turnover at sites, the eligibility criteria for the study, the perceived risks and benefits of the product candidate under study and of the control, if any, the medical investigators' efforts to facilitate timely enrollment in clinical trials, the patient referral practices of local physicians, the existence of competitive clinical trials, and whether other investigational, existing or new products are available or approved for the indication. If we experience delays in patient enrollment and/or completion of our clinical trial programs, we may incur additional costs and delays in our development programs, and may not be able to complete our clinical trials on a cost-effective or timely basis. Accordingly, we may not be able to complete the clinical trials within an acceptable time frame, if at all. If we fail to enroll and maintain the number of patients for which the clinical trial was designed, the statistical power of that clinical trial may be reduced, which would make it harder to demonstrate that the product candidate being tested in such clinical trial is safe and effective. Further, if we or any third party have difficulty enrolling a sufficient number of patients in a timely or cost-effective manner to conduct clinical trials as planned, or if enrolled patients do not complete the trial as planned, we or a third party may need to delay or terminate ongoing clinical trials, which could negatively affect our business.

***We face competition in the biotechnology and pharmaceutical industries and new diagnostic tests, which may be developed by others, could impair our ability to maintain and grow our business and remain competitive.***

We face competition in the development, manufacture, marketing and commercialization of diagnostic products from a variety of sources, such as academic institutions, government agencies, research institutions and biotechnology and pharmaceutical companies, including other companies with similar diagnostic or *in vitro* testing technologies, including those with platform technologies. These platform technologies vary from very large analyzer systems to smaller and less expensive instruments similar to ours. These competitors are working to develop and market other diagnostic tests, systems, products and other methods of detecting, preventing or reducing disease.

The development of new technologies or improvements in current technologies for diagnosing acute appendicitis, including CT imaging agents and products that would compete with our acute appendicitis test could have an impact on our ability to sell the acute appendicitis tests or the sales price of the tests. This could impact our ability to market our tests and/or secure a marketing partner, both of which could have a substantial impact on the value of our acute appendicitis products.

Among the many experimental diagnostics and therapies being developed around the world, there may be diagnostics and therapies unknown to us that may compete with our technologies or products.

Many of our potential competitors have much greater capital resources, manufacturing, research and development resources and production facilities than we do. Many of them may also have more experience than we have in preclinical testing and clinical trials of new diagnostic tests and in obtaining FDA and foreign regulatory approvals.

Major technological changes can occur quickly in the biotechnology industry, and the development of technologically improved or different products or technologies may make our product candidates or platform technologies obsolete or noncompetitive.

Physicians, patients, third party payors and the medical community may be slow to adopt, and may not accept or utilize our acute appendicitis test products when and if approved. If our products, if and when approved, do not achieve significant market acceptance, our business, results of operations and financial condition may be materially adversely affected.

***We have very limited sales and marketing experience and limited sales capabilities, which may make commercializing our products difficult.***

We currently have very little marketing experience and limited sales capabilities. Therefore, in order to commercialize our products, once approved, we must either develop our own marketing and distribution sales capabilities or consider collaborating with a third party to perform these functions. We may, in some instances, rely significantly on sales, marketing and distribution arrangements with collaborative partners and other third parties. In these instances, our future revenues will be materially dependent upon the success of the efforts of these third parties.

We may not be able to attract and retain qualified personnel to serve in our sales and marketing organization, to develop an effective distribution network or to otherwise effectively support our commercialization activities. The cost of establishing and maintaining a sales and marketing organization may exceed its cost effectiveness. If we fail to develop sales and marketing capabilities, if sales efforts are not effective or if costs of developing sales and marketing capabilities exceed their cost effectiveness, our business, results of operations and financial condition would be materially adversely affected.

***If we successfully obtain FDA clearance or approval to market our acute appendicitis test, we (or our vendors) may experience manufacturing problems resulting in shortages or delays in production that could limit the near term growth of our revenue.***

Our ability to successfully market the acute appendicitis test, once approved, will partially depend on our ability to obtain and manufacture sufficient quantities of the finished tests from qualified GMP suppliers. While we have identified and qualified suppliers, their ability to produce tests or component parts in sufficient quantities to meet possible demand may cause delays in securing products or could force us to seek alternative suppliers. The need to locate and use alternative suppliers could also cause delivery delays for a period of time. Delays in finalizing and progressing under agreements with cGMP facilities may delay our FDA clearance process and potentially delay sales of such products. In addition, we may encounter difficulties in production due to, among other things, the inability to obtain sufficient amounts of raw materials, components or finished goods inventory and quality control issues with raw materials, components or finished goods. These difficulties could reduce sales of our products, increase our costs, or cause production delays, all of which could damage our reputation and hurt our financial condition. To the extent that we enter into manufacturing arrangements with third parties, we will depend on them to perform their obligations in a timely manner and in accordance with applicable government regulations.

***We may not achieve future revenue from the out-licensing of our animal health assets.***

In 2012, we entered into an exclusive license agreement with a third party to license all of our animal health assets in return for license fees, milestone and royalty payments. If product development efforts using our animal health assets are not successful in achieving commercial products, we may not receive all anticipated milestone and royalty payments.

***Our results of operations could be affected by our royalty payments due to third parties.***

Any revenues from products under development will likely be subject to royalty payments under licensing or similar agreements. Major factors affecting these payments include, but are not limited to:

- coverage decisions by governmental and other third-party payors;
- our ability to achieve meaningful sales of our products;
- the achievement of milestones established in our license agreements; and
- our use of the intellectual property licensed in developing the products.

If we need to seek additional intellectual property licenses in order to complete our product development, our cumulative royalty obligations could adversely affect our net revenues and results of operations.

***Our success depends on our ability to successfully develop, obtain clearance or approval for and commercialize new products.***

Our success depends on our ability to successfully develop and market new products. Although we were engaged in human diagnostic antigen manufacturing operations and historically, substantially all of our revenues have been derived from this business, our ability to substantially increase our revenues and generate net income is contingent on successfully developing one or more products. Our ability to develop any of the products is dependent on a number of factors, including funding availability to complete development efforts, our ability to adequately test and refine products, our ability to seek required FDA clearance or approval and our ability to commercialize our products, thereby generating revenues once development efforts prove successful. We have encountered in the past, and may again encounter in the future, problems in the testing phase for our products, which can result in substantial setbacks and delays in the development process. There can be no assurance that we will not encounter similar setbacks with the products in our pipeline, or that funding from outside sources and our revenues will be sufficient to bring any or all of our products to the point of commercialization. There can be no assurance that the products we are developing will work effectively in the marketplace, or that we will be able to produce them on an economical basis.

***Failure to obtain medical reimbursement for our products under development, as well as a changing regulatory and reimbursement environment, may impact our business.***

The U.S. healthcare regulatory environment may change in a way that restricts our ability to market our acute appendicitis tests due to medical coverage or reimbursement limits. Sales of our human diagnostic tests will depend in part on the extent to which the costs of such tests are covered by health maintenance, managed care, and similar healthcare management organizations, or reimbursed by government health payor administration authorities, private health coverage insurers and other third-party payors. These healthcare payors are increasingly challenging the prices charged for medical products and services. The containment of healthcare costs has become a priority of federal and state governments. Accordingly, our potential products may not be considered to be cost effective, and reimbursement may not be available or sufficient to allow us to sell our products on a competitive basis. Because there is no reimbursement code for the *APPY1* test at this point, our reimbursement may be adversely affected. Legislation and regulations affecting reimbursement for our products may change at any time and in ways that are difficult to predict and these changes may be adverse to us. Any reduction in Medicare, Medicaid or private third-party payor reimbursements could have a negative effect on our operating results. The recent addition of the medical device tax is also a challenge to the industry.

***Health care legislation, including the Patient Protection and Affordable Care Act and the Health Insurance Portability and Accountability Act of 1996, may have a material adverse effect on us.***

The Patient Protection and Affordable Care Act (PPACA) substantially changes the way healthcare is financed by government and private insurers, encourages improvements in healthcare quality, and impacts the medical device industry. The PPACA includes an excise tax on entities that manufacture or import medical devices offered for sale in the United States; a new Patient-Centered Outcomes Research Institute to conduct comparative effectiveness research; and payment system reforms.

The PPACA also imposes new reporting and disclosure requirements on device and drug manufacturers for any payment or transfer of value made or distributed to physicians or teaching hospitals. Under these provisions, known as the Physician Payment Sunshine Act, affected device and drug manufacturers need to begin data collection on August 1, 2013, with the first reports due in 2014. These provisions require, among other things, extensive tracking and maintenance of databases regarding the disclosure of relationships and payments to physicians and teaching hospitals. In addition, certain states have passed or are considering legislation restricting our interactions with health care providers and/or requiring disclosure of many payments to them. Failure to comply with these tracking and reporting laws could subject us to significant civil monetary penalties.

The Health Insurance Portability and Accountability Act of 1996 (HIPAA) created new federal statutes to prevent healthcare fraud and false statements relating to healthcare matters. The healthcare fraud statute prohibits knowingly and willfully executing a scheme to defraud any healthcare benefit program, including private payors. A violation of this statute is a felony and may result in fines, imprisonment or exclusion from government sponsored programs such as the Medicare and Medicaid programs. The false statements statute prohibits knowingly and willfully falsifying, concealing or covering up a material fact or making any materially false, fictitious or fraudulent statement in connection with the delivery of or payment for healthcare benefits, items or services. A violation of this statute is a felony and may result in fines or imprisonment or exclusion from government sponsored programs. HIPAA also established uniform standards governing the conduct of certain electronic healthcare transactions and protecting the security and privacy of individually identifiable health information maintained or transmitted by healthcare providers, health plans and healthcare clearinghouses.

Both federal and state government agencies are continuing heightened and coordinated civil and criminal enforcement efforts. As part of announced enforcement agency work plans, the federal government will continue to scrutinize, among other things, the billing practices of hospitals and other providers of healthcare services. The federal government also has increased funding to fight healthcare fraud, and it is coordinating its enforcement efforts among various agencies, such as the U.S. Department of Justice, the Office of Inspector General and state Medicaid fraud control units. We believe that the healthcare industry will continue to be subject to increased government scrutiny and investigations.

***If we fail to obtain regulatory approval in foreign jurisdictions, then we cannot market our products in those jurisdictions.***

We plan to market some of our products in foreign jurisdictions. Specifically, we expect to aggressively market *APPY1* in foreign jurisdictions. We may need to obtain regulatory approval from foreign jurisdictions to do so, and obtaining such approval in one jurisdiction does not necessarily guarantee approval in another. We may be required to conduct additional testing or to provide additional information, resulting in additional expenses, to obtain necessary approvals. If we fail to obtain approval in such foreign jurisdictions, we would not be able to sell our products in such jurisdictions, thereby reducing the potential revenue from the sale of our products.

***We may be unable to retain key employees or recruit additional qualified personnel.***

Because of the specialized scientific nature of our business, we are highly dependent upon qualified scientific, technical and managerial personnel. There is intense competition for qualified personnel in our business. A loss of the services of our qualified personnel, as well as the failure to recruit additional key scientific, technical and managerial personnel in a timely manner, would harm our development programs and our business.

***Our product liability insurance coverage may not be sufficient to cover claims.***

Our insurance policies currently cover claims and liabilities arising out of defective products for losses up to \$3.0 million. As a result, if a claim was to be successfully brought against us, we may not have sufficient insurance that would apply and would have to pay any costs directly, which we may not have the resources to do.

**Risks Relating to our Intellectual Property**

***Our competitive position is contingent upon the strength of our intellectual property, and we may not be able to withstand challenges to our intellectual property rights.***

We rely on our intellectual property, including our issued and applied for patents and our licenses, as the foundation of our business. If our intellectual property rights are challenged, no assurances can be given that our patents or licenses will survive third party claims, including those alleging invalidity or infringement on other patents. Additionally, disputes may arise regarding the contributory impact of third party inventions, compliance with third party license terms or inventorship of our intellectual property. There also could be existing patents of which we are unaware that our products may be infringing. As the number of participants in the market grows, the possibility of patent infringement claims against us increases. It is difficult, if not impossible, to determine how such disputes would be resolved. Furthermore, because of the substantial amount of discovery required in connection with patent litigation, there is a risk that some of our confidential information could be publicly disclosed. In addition, during the course of patent litigation, there could be public announcements of the results of hearings, motions or other interim proceedings or developments in the litigation. Any litigation claims against us may cause us to incur substantial costs and could place a significant strain upon our financial resources, divert the attention of management or restrict our core business. The occurrence of any of the foregoing could materially impact our business.

***We may incur substantial costs as a result of litigation or other proceedings relating to patent and other intellectual property rights and we may be unable to protect our rights to, or use of, our technology.***

Some or all of our patent applications may not issue as patents, or the claims of any issued patents may not afford meaningful protection for our technologies or products. In addition, patents issued to us or our licensors, if any, may be challenged and subsequently narrowed, invalidated, found unenforceable or circumvented. Patent litigation is widespread in the biotechnology industry and could harm our business. Litigation might be necessary to protect our patent position. Patentability, invalidity, freedom-to-operate or other opinions may be required to determine the scope and validity of third-party proprietary rights.

If we choose to go to court to stop a third party from using the inventions protected by our patent, that third party would have the right to ask the court to rule that such patents are invalid and/or should not be enforced against that third party. These lawsuits are expensive and we may not have the required resources to pursue such litigation or to protect our patent rights. In addition, there is a risk that the court will decide that our patents are not valid and that we cannot stop the other party from using their inventions. There is also the risk that, even if the validity of these patents is upheld, the court will find that the third party's activities do not infringe our rights in these patents.

Furthermore, a third party may claim that we are infringing the third party's patent rights and may go to court to stop us from engaging in our normal operations and activities, including making or selling our product candidates. These lawsuits are costly and could affect our results of operations and divert the attention of managerial and technical personnel. There is a risk that a court would decide that we are infringing the third party's patents and would order us to stop the activities covered by the patents. In addition, there is a risk that a court will order us to pay the other party's treble damages or attorneys' fees for having violated the other party's patents. The biotechnology industry has produced a proliferation of patents, and it is not always clear to industry participants, including us, which patents cover various types of products or methods of use. The coverage of patents is subject to interpretation by the courts, and the interpretation is not always uniform. If we are sued for patent infringement, we would need to demonstrate that our products or methods of use either do not infringe the claims of the relevant patent and/or that the third party patent claims are invalid, and we may not be able to do this. Proving invalidity in the United States, in particular, is difficult since it requires a showing of clear and convincing evidence to overcome the presumption of validity enjoyed by issued patents.

In addition, changes in either patent laws or in interpretations of patent laws in the United States and other countries may materially diminish the value of our intellectual property or narrow the scope of our patent protection. In September 2011, the U.S. Congress passed the Leahy-Smith America Invents Act (AIA) which became effective in March 2013. The AIA reforms United States patent law in part by changing the standard for patent approval for certain patents from a “first to invent” standard to a “first to file” standard and developing a post-grant review system. It is too early to determine what the effect or impact the AIA will have on the operation of our business and the protection and enforcement of our intellectual property. However, the AIA and its implementation could increase the uncertainties and costs surrounding the prosecution of our patent applications and the enforcement or defense of our issued patents, all of which could have a material adverse effect on our business and financial condition.

Because some patent applications in the United States may be maintained in secrecy until the patents are issued, patent applications in the United States and many foreign jurisdictions are typically not published until eighteen months after filing, and publications in the scientific literature often lag behind actual discoveries. We cannot be certain that others have not filed patent applications for technology covered by our issued patents or our pending applications or that we were the first to invent the technology (pre-AIA) or first to file (post-AIA). Our competitors may have filed, and may in the future file, patent applications covering technology similar or the same as ours. Any such patent application may have priority over our patent application and could further require us to obtain rights to such technologies in order to carry on our business. If another party has filed a U.S. patent application on inventions similar or the same as ours, we may have to participate in an interference or other proceeding in the U.S. Patent and Trademark Office, or the USPTO, or a court to determine priority of invention in the United States, for pre-AIA applications and patents. The costs of these proceedings could be substantial, and it is possible that such efforts would be unsuccessful, resulting in a loss of our U.S. patent position with respect to such inventions.

Some of our competitors may be able to sustain the costs of complex patent litigation more effectively than we can because they have substantially greater resources. In addition, any uncertainties resulting from the initiation and continuation of any litigation could have a material adverse effect on our ability to raise the funds necessary to continue our operations.

***Obtaining and maintaining our patent protection depends upon compliance with various procedural, document submissions, fee payment and other requirements imposed by governmental patent agencies, and our patent protection could be reduced or eliminated for non-compliance with these requirements.***

The USPTO and various foreign governmental patent agencies require compliance with a number of procedural, documentary, fee payment and other provisions during the patent prosecution process and post issuance of a patent. There are situations in which noncompliance of these requirements can result in abandonment or lapse of a patent or patent application, resulting in partial or complete loss of patent rights in the relevant jurisdiction. In such an event, competitors might be able to enter the market earlier than would otherwise have been the case if our patent were enforced.

***Our failure to secure trademark registrations could adversely affect our ability to market our product candidates and our business.***

Our trademark applications in the United States and any other jurisdictions where we may file may not be allowed for registration, and our registered trademarks may not be maintained or enforced. During trademark registration proceedings, we may receive rejections. Although we are given an opportunity to respond to those rejections, we may be unable to overcome such rejections. In addition, in the USPTO and in corresponding foreign agencies, third parties are given an opportunity to oppose pending trademark applications and to seek to cancel registered trademarks. Opposition or cancellation proceedings may be filed against our applications and/or registrations, and our applications and/or registrations may not survive such proceedings. Failure to secure such trademark registrations in the United States and in foreign jurisdictions could adversely affect our ability to market our product candidates and our business.

***Confidentiality agreements with employees and others may not adequately prevent disclosure of our trade secrets and other proprietary information and may not adequately protect our intellectual property, which could impede our ability to compete.***

Because we operate in the highly technical field of biotechnology we rely in part on trade secret protection in order to protect our proprietary trade secrets and unpatented know-how. However, trade secrets are difficult to protect, and we cannot be certain that others will not develop the same or similar technologies on their own. We have taken steps, including entering into confidentiality agreements with all of our employees, consultants and corporate partners, to protect our trade secrets and unpatented know-how. These agreements generally require that the other party to the agreement keep confidential and not disclose to third parties all confidential information developed by the party or made known to the party by us during the course of the party’s relationship with us. We also typically obtain agreements from these parties which provide that inventions conceived or developed by the party in the course of rendering services to us will be our exclusive intellectual property. However, these agreements may not be honored and may not effectively assign intellectual property rights to us. Enforcing a claim that a party illegally obtained and is using our trade secrets or know-how is difficult, expensive and time consuming, and the outcome is unpredictable. In addition, courts outside the United States may be less willing to protect trade secrets or know-how. The failure to obtain or maintain trade secret protection could adversely affect our competitive position.

***We may be subject to claims that our employees have wrongfully used or disclosed alleged trade secrets of their former employers.***

As is common in the biotechnology and pharmaceutical industry, we employ individuals who were previously employed at other biotechnology or pharmaceutical companies, including our competitors or potential competitors. Although the Company has no knowledge of any claims against us, we may be subject to claims that these employees or we have inadvertently or otherwise used or disclosed trade secrets or other proprietary information of their former employers. Litigation may be necessary to defend against these claims. Even if we are successful in defending against these claims, litigation could result in substantial costs and be a distraction to management.

***We may not be able to adequately protect our intellectual property outside of the United States.***

The laws in some foreign jurisdictions may not provide protection for our trade secrets and other intellectual property. If our trade secrets or other intellectual property are misappropriated in foreign jurisdictions, we may be without adequate remedies to address these issues. Additionally, we also rely on confidentiality and assignment of invention agreements to protect our intellectual property. These agreements may provide for contractual remedies in the event of misappropriation. We do not know to what extent, if any, these agreements and any remedies for their breach, will be enforced by a foreign or domestic court. In the event our intellectual property is misappropriated or infringed upon and an adequate remedy is not available, our future prospects will likely diminish.

Additionally, prosecuting and maintaining intellectual property (particularly patent) rights are very costly endeavors. We do not know whether legal and government fees will increase substantially and therefore are unable to predict whether cost may factor into our intellectual property strategy.

## **Risks Related to Our Securities**

***Current challenges in the commercial and credit environment may adversely affect our business and financial condition.***

The global financial markets have recently experienced unprecedented levels of volatility. Our ability to generate cash flows from operations, issue debt or enter into other financing arrangements on acceptable terms could be adversely affected if there is a material decline in the demand for our products or in the solvency of its customers or suppliers, deterioration in our key financial ratios or credit ratings, or other significantly unfavorable changes in conditions. While these conditions and the current economic downturn have not meaningfully adversely affected our operations to date, continuing volatility in the global financial markets could increase borrowing costs or affect our ability to access the capital markets. Current or worsening economic conditions may also adversely affect the business of our customers, including their ability to pay for our products and services, and the amount spent on healthcare in general. This could result in a decrease in the demand for our potential products and services, longer sales cycles, slower adoption of new technologies and increased price competition. These conditions may also adversely affect certain of our suppliers, which could cause a disruption in our ability to produce our products.

***We do not anticipate paying any dividends in the foreseeable future and, as a result, our investors' sole source of gain, if any, will depend on capital appreciation, if any.***

We do not intend to declare any dividends on our shares of common stock in the foreseeable future and currently intends to retain any future earnings for funding growth. As a result, investors should not rely on an investment in our securities if they require the investment to produce dividend income. Capital appreciation, if any, of our shares may be investors' sole source of gain for the foreseeable future. Moreover, investors may not be able to resell their shares of our common stock at or above the price they paid for them.

***As a public company we are subject to complex legal and accounting requirements that require us to incur substantial expenses, and our financial controls and procedures may not be sufficient to ensure timely and reliable reporting of financial information, which, as a public company, could materially harm our stock price and listing on the NASDAQ Capital Market.***

As a public company, we are subject to numerous legal and accounting requirements that do not apply to private companies. The cost of compliance with many of these requirements is substantial, not only in absolute terms but, more importantly, in relation to the overall scope of the operations of a small company. Failure to comply with these requirements can have numerous adverse consequences including, but not limited to, our inability to file required periodic reports on a timely basis, loss of market confidence, delisting of our securities and/or governmental or private actions against us. We cannot assure you that we will be able to comply with all of these requirements or that the cost of such compliance will not prove to be a substantial competitive disadvantage vis-à-vis our privately held and larger public competitors.

The Sarbanes-Oxley Act of 2002 (Sarbanes-Oxley) requires, among other things, that we maintain effective internal controls over financial reporting and disclosure controls and procedures. In particular, we must perform system and process evaluation and testing of our internal control over financial reporting to allow management to report on the effectiveness of our internal control over financial reporting, as required by Section 404 of Sarbanes-Oxley. Our compliance with Section 404 of Sarbanes-Oxley requires that we incur substantial accounting expense and expend significant management efforts. The effectiveness of our controls and procedures may in the future be limited by a variety of factors, including:

- faulty human judgment and simple errors, omissions or mistakes;
- fraudulent action of an individual or collusion of two or more people;
- inappropriate management override of procedures; and
- the possibility that any enhancements to controls and procedures may still not be adequate to assure timely and accurate financial information.

If we are not able to comply with the requirements of Section 404 in a timely manner, or if we or our independent registered public accounting firm identifies deficiencies in our internal control over financial reporting that are deemed to be material weaknesses, we may be subject to NASDAQ delisting, investigations by the SEC and civil or criminal sanctions.

Our ability to successfully implement our business plan and comply with Section 404 requires us to be able to prepare timely and accurate financial statements. We expect that we will need to continue to improve existing, and implement new operational, financial and accounting systems, procedures and controls to manage our business effectively.

Any delay in the implementation of, or disruption in the transition to, new or enhanced systems, procedures or controls may cause our operations to suffer, and we may be unable to conclude that our internal control over financial reporting is effective as required under Section 404 of Sarbanes-Oxley. If we are unable to complete the required Section 404 assessment as to the adequacy of our internal control over financial reporting, if we fail to maintain or implement adequate controls, our ability to obtain additional financing could be impaired. In addition, investors could lose confidence in the reliability of our internal control over financial reporting and in the accuracy of our periodic reports filed under the Securities Exchange Act of 1934, as amended (Exchange Act). A lack of investor confidence in the reliability and accuracy of our public reporting could cause our stock price to decline.

***Our stock price, like that of many biotechnology companies, is volatile.***

The market prices for our common stock and for the securities of biotechnology companies in general have been highly volatile and may continue to be highly volatile in the future, particularly in light of the current financial markets. For example, in the year ended December 31, 2012, our common stock traded as low as \$1.18 and as high as \$6.54. In the year ended December 31, 2011, our common stock traded as low as \$5.70 and as high as \$29.08 (each on a post reverse stock splits basis). The market price of our common stock may continue to be volatile, especially on the eve of announcements which the market is expecting, as is the case with clinical trial results. Among other factors, the following may have a significant effect on the market price of our common stock:

- announcements of clinical trial results, FDA correspondence or interactions, developments with regard to our intellectual property rights, technological innovations or new commercial products by us or our competitors;
- publicity regarding actual or potential medical results related to products under development or being commercialized by us or our competitors;
- regulatory developments or delays affecting our products under development in the United States and other countries; and
- new proposals to change or reform the U.S. healthcare system, including, but not limited to, new regulations concerning reimbursement programs.

These fluctuations may have a negative effect on the market price of our common stock regardless of our operating performance. In the past, following periods of volatility in the market price of a company's securities, securities class action litigation has often been instituted. A securities class action suit against us could result in substantial costs, potential liabilities and the diversion of management's attention and resources, and could have a material adverse effect on our financial condition.

***We may not be able to maintain our current listing on the NASDAQ Capital Market and a delisting could limit the liquidity of our stock, increase its volatility and hinder our ability to raise capital.***

On February 13, 2012, we received notice from NASDAQ that our stock trading price was not in compliance with NASDAQ's requirement that listed companies maintain a price of at least \$1.00 per share. Further, on May 15, 2012, we received notice from NASDAQ of our non-compliance with the listing requirement to maintain stockholders' equity of at least \$2,500,000. Following the completion of a public offering in June 2012, and a one-for-six reverse stock split effected on June 20, 2012, we regained compliance with both standards for continued listing on the NASDAQ Capital Market. There can be no assurance that we will be able to maintain the listing of our common stock in the future.

If our common stock is delisted by NASDAQ, our common stock may be eligible for quotation on an over-the-counter quotation system or on the pink sheets. Upon any such delisting, our common stock would become subject to the regulations of the Securities and Exchange Commission, or SEC, relating to the market for penny stocks. A penny stock is any equity security not traded on a national securities exchange that has a market price of less than \$5.00 per share. The regulations applicable to penny stocks may severely affect the market liquidity for our common stock and could limit the ability of shareholders to sell securities in the secondary market. In such a case, an investor may find it more difficult to dispose of or obtain accurate quotations as to the market value of our common stock, and there can be no assurance that our common stock will be eligible for trading or quotation on any alternative exchanges or markets.

Delisting from NASDAQ could adversely affect our ability to raise additional financing through public or private sales of equity securities, would significantly affect the ability of investors to trade our securities and would negatively affect the value and liquidity of our common stock. Delisting could also have other negative results, including the potential loss of confidence by employees, the loss of institutional investor interest and fewer business development opportunities.

***There is no public market for the warrants to purchase shares of our common stock.***

There is no established public trading market for our outstanding warrants, and we do not expect a market to develop. In addition, we do not intend to apply to list the warrants on any national securities exchange or other nationally recognized trading system, including the NASDAQ Capital Market. Without an active market, the liquidity of the warrants will be limited.



**Item 6. Exhibits**

## (a) Exhibits

<u>EXHIBIT</u>	<u>DESCRIPTION</u>
1.1	Purchase Agreement by and between Venaxis, Inc. and Piper Jaffray & Co. dated May 23, 2013. (2)
3.1	Articles of Amendment to the Articles of Incorporation, as amended, of Venaxis, Inc., dated and filed June 13, 2013. (3)
4.1	Common Stock Purchase Warrant Agreement by and between Venaxis, Inc. and Corporate Stock Transfer, Inc. dated May 30, 2013. (2)
10.1	Amendment to Amended and Restated 2002 Stock Incentive Plan, as amended, of Venaxis, Inc., effective June 11, 2013. (3)
10.2	Debt Modification Agreement executed May 9, 2013, and effective as of April 8, 2013 between Venaxis, Inc. and FirstBank. (4)
31.1	Rule 13a-14(a)/15d-14(a) - Certification of Chief Executive Officer. Filed herewith.
31.2	Rule 13a-14(a)/15d-14(a) - Certification of Chief Financial Officer. Filed herewith.
32	Section 1350 Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Furnished herewith.
101	Interactive data files pursuant to Rule 405 of Regulation S-T: (i) the Balance Sheets, (ii) the Statements of Operations, (iii) the Statement of Cash Flows and (iv) the Notes to Condensed Financial Statements. (1)

- (1) Pursuant to Rule 406T of Regulation S-T, the XBRL related information in Exhibit 101 to this Quarterly Report on Form 10-Q shall not be deemed to be filed by the Company for purposes of Section 18 or any other provision of the Exchange Act of 1934, as amended.
- (2) Incorporated by reference from the registrant's Report on Form 8-K dated May 30, 2013, filed on May 30, 2013.
- (3) Incorporated by reference from the registrant's Report on Form 8-K dated June 11, 2013, filed on June 13, 2013.
- (4) Incorporated by reference from the registrant's Report on Form 8-K dated May 9, 2013, filed on May 9, 2013.

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.

Venaxis, Inc.  
(Registrant)

By: /s/ Jeffrey G. McGonegal  
Jeffrey G. McGonegal,  
Chief Financial Officer and duly authorized officer

Dated: August 7, 2013



## CERTIFICATION

I, Stephen T. Lundy, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Venaxis, 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, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such 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 auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

August 7, 2013

/s/ Stephen T. Lundy  
Stephen T. Lundy, Chief Executive Officer and  
President

## CERTIFICATION

I, Jeffrey G. McGonegal, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Venaxis, 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, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such 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 auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

August 7, 2013

/s/ Jeffrey G. McGonegal  
Jeffrey G. McGonegal, Chief  
Financial Officer

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

In connection with the Quarterly Report on Form 10-Q (the "Report") of Venaxis, Inc. (the "Company") for the quarter ended June 30, 2013, each of the undersigned Stephen T. Lundy and Jeffrey G. McGonegal, hereby certifies pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of the undersigned's knowledge and belief:

- (1) 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 condition and results of operations of the Company.

August 7, 2013

/s/ Stephen T. Lundy  
Stephen T. Lundy, Chief Executive Officer and  
President

August 7, 2013

/s/ Jeffrey G. McGonegal  
Jeffrey G. McGonegal, Chief Financial Officer

\* \* \* \* \*