Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue STATEMENT C STATEMENT C	S SECURITIES A Washington DF CHANGES IN SECUP Section 16(a) of the Public Utility Hol) of the Investment	, D.C. 209 BENEFI RITIES ne Securiti ding Com	549 CIAI ies Ex ipany	L OWN Achange Act of	ERSHIP OF Act of 1934, 1935 or Sectior	OMB Number: Expires: Estimated a burden hou response	•	
(Print or Type Responses)								
1. Name and Address of Reporting Person <u>*</u> Phillips Donald James II	2. Issuer Name and Symbol Morningstar, Inc			0	5. Relationship of Issuer			
(Last) (First) (Middle)	3. Date of Earliest T	-	.1		(Check	c all applicable)	
(Month/Day/Year) _X_ Director C/O MORNINGSTAR, INC., 225 01/10/2008 _X_ Officer (give below) WEST WACKER DRIVE Mar						e title Other (specify below) naging Director		
(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting						rson		
CHICAGO, IL 60606					Person			
(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Dee		Derivative S 4. Securit		-	iired, Disposed of , 5. Amount of	, or Beneficial 6.	ly Owned 7. Nature of	
Security (Month/Day/Year) Executi (Instr. 3) any		on(A) or Dis (Instr. 3, 4	sposed	of (D)	S. Anothe of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	o. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect	
Common 01/10/2008	M	15,000	(D) A	\$ 2.77	321,536	D		
Stock Common Stock 01/10/2008	S <u>(1)</u>	200	D	\$ 67.09	321,336	D		
Common 01/10/2008 Stock	S <u>(1)</u>	100	D	\$ 67.1	321,236	D		
Common 01/10/2008 Stock	S <u>(1)</u>	300	D	\$ 67.22	320,936	D		
Common 01/10/2008 Stock	S <u>(1)</u>	300	D	\$ 67.23	320,636	D		

Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 67.27	320,336	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 67.59	320,036	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 67.62	319,736	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 67.66	319,436	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 67.9	319,136	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 67.91	318,536	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68	318,236	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.02	317,636	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.04	317,336	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.06	317,036	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.12	316,736	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.14	316,136	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.17	315,836	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.21	315,536	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.24	314,936	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.25	314,336	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.26	314,036	D
Common Stock	01/10/2008	S <u>(1)</u>	900	D	\$ 68.27	313,136	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.3	312,836	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.31	312,536	D
	01/10/2008	S <u>(1)</u>	300	D		312,236	D

Common Stock					\$ 68.33	
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.34 311,636	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.39 311,336	D
Common Stock	01/10/2008	S <u>(1)</u>	600	D	\$ 68.41 310,736	D
Common Stock	01/10/2008	S <u>(1)</u>	300	D	\$ 68.42 310,436	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	orDerivative		orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		ansactiorDerivati ode Securito astr. 8) Acquire or Dispo (D) (Instr. 3)		6. Date Exer Expiration D (Month/Day,	ate	7. Title and a Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$ 2.77	01/10/2008		М		15,000 (2)	<u>(3)</u>	02/15/2009	Common	15,000				

Reporting Owners

Reporting Owner Name / Address		Re	elationships	
	Director	10% Owner	Officer	Other
Phillips Donald James II C/O MORNINGSTAR, INC. 225 WEST WACKER DRIVE CHICAGO, IL 60606	Х		Managing Director	

Signatures

/s/ Heidi Miller, by power of attorney

01/11/2008

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 9, 2006.
- (2) Pursuant to the terms of a Deferred Compensation Agreement entered into between Morningstar, Inc. and the reporting person, upon the exercise of these options Morningstar, Inc. will pay to the reporting person \$2.69 per share in the form of cash.
- (3) The options became immediately exercisable on the grant date, February 15, 1999.

Remarks:

Form 1 of 2

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. g: Oin Oin Oin Oin;">

Basic net income (loss) per share⁽¹⁾

\$	
(0.49	
)	
\$	

1.05

\$
(0.90
)
\$
(2.26
)
Diluted net loss per share ⁽¹⁾
\$
(0.49
)
\$
(0.45
)
\$
(1.20
)
\$
(2.26
)
Basic weighted average common shares outstanding ⁽¹⁾

3,432,081

2,648,240

3,245,653

2,553,930

Diluted weighted average common shares $outstanding^{(1)}$

3,432,081

2,829,058

3,347,837

2,553,930

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

⁽¹⁾ Adjusted to reflect the reverse stock split of one-for-ten effective October 7, 2016.

Soligenix, Inc. and Subsidiaries Consolidated Statement of Changes in Shareholders' Equity/(Deficiency) For the Nine Months Ended September 30, 2016 (Unaudited)

	Common Sto	ck		Additional Paid-In		Accumulated			
	Shares ⁽¹⁾	Pa	r Value ⁽¹⁾		apital ⁽¹⁾	D	eficit	T	otal
Balance, December 31,									
2015	3,126,952	\$	3,127	\$	146,856,143	\$	(146,877,579)	\$	(18,309)
Issuance of common stock									
pursuant to Lincoln Park									
Equity Line	266,830		267		1,638,843		—		1,639,110
Costs associated with									
Lincoln Park Equity Line	—		—		(41,381)		—		(41,381)
Issuance of common stock									
to SciClone	352,942		353		2,999,647		—		3,000,000
Issuance of common stock									
to vendors	7,500		8		52,492				52,500
Share-based compensation									
expense					453,935		—		453,935
Net loss					—		(2,915,424)		(2,915,424)
Balance, September 30,									
2016	3,754,224	\$	3,755	\$	151,959,679	\$	(149,793,003)	\$	2,170,431

(1) Adjusted to reflect the reverse stock split of one-for-ten effective October 7, 2016.

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

Soligenix, Inc. and Subsidiaries Consolidated Statements of Cash Flows For the Nine Months Ended September 30, (Unaudited)

	201	16		201	.5	
Operating activities:						
Net loss	\$	(2,915,424)	\$	(5,772,668)
Adjustments to reconcile net loss to net cash used in operating						
activities:						
Amortization and depreciation		67,902			184,496	
Amortization of discount on debt		7,281			4,328	
Share-based compensation		453,935			414,112	
Gain on settlement liability		(390,599)		—	
Issuance of common stock for services		52,500			190,261	
Change in fair value of warrant liability		(1,109,192)		907,368	
Change in operating assets and liabilities:						
Contracts and grants receivable		287,580			(1,069,976)
Prepaid expenses		18,653			14,770	
Accounts payable and accrued expenses		206,881			1,343,876	
Accrued compensation		(236,430)		(266,942)
Total adjustments		(641,489)		1,722,293	
Net cash used in operating activities		(3,556,913)		(4,050,375)
Investing activities:						
Purchases of office furniture and equipment		(7,161)		(22,098)
Net cash used in investing activities		(7,161)		(22,098)
Financing activities:						
Proceeds from issuance of common stock pursuant to the equity						
line		1,639,110			1,615,025	
Stock issuance costs associated with equity line purchase						
agreement		(41,381)		(171,091)
Repayment of notes payable		(300,000)		—	
Proceeds from issuance of common stock to SciClone		3,000,000			—	
Proceeds from exercise of warrants		—			1,136,771	
Net cash provided by financing activities		4,297,729			2,580,705	
Net increase (decrease) in cash and cash equivalents		733,655			(1,491,768)
Cash and cash equivalents at beginning of period		4,921,545			5,525,094	
Cash and cash equivalents at end of period	\$	5,655,200		\$	4,033,326	
Supplemental disclosure of non cash financing activities:						
Reclassification of warrant liability to additional paid in capital						
upon partial exercise of warrants issued in unit offering	\$	_		\$	2,557,331	
Notes payable issued in connection with Equity Purchase						
Agreement	\$			\$	282,071	
The accompanying notes are an integral part of these	e con	solidated final	ncial st	atem	ents.	

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

Note 1. Nature of Business

Basis of Presentation

Soligenix, Inc. (the "Company") is a late-stage biopharmaceutical company focused on developing and commercializing products to treat rare diseases where there is an unmet medical need. The Company maintains two active business segments: BioTherapeutics and Vaccines/BioDefense.

The Company's BioTherapeutics business segment is developing a novel photodynamic therapy (SGX301) utilizing topical synthetic hypericin activated with safe visible light for the treatment of cutaneous T-cell lymphoma ("CTCL"), its first-in-class innate defense regulator ("IDR") technology, dusquetide (SGX942) for the treatment of oral mucositis in head and neck cancer, and proprietary formulations of oral beclomethasone 17,21-dipropionate ("BDP") for the prevention/treatment of gastrointestinal ("GI") disorders characterized by severe inflammation, including pediatric Crohn's disease (SGX203) and acute radiation enteritis (SGX201).

The Company's Vaccines/BioDefense business segment includes active development programs for RiVaxTM, its ricin toxin vaccine candidate, OrbeShield[®], a GI acute radiation syndrome ("GI ARS") therapeutic candidate and SGX943, a melioidosis therapeutic candidate. The development of the vaccine programs is currently supported by the heat stabilization technology, known as ThermoVax[®], under existing and on-going government contract funding. With the government contract from the National Institute of Allergy and Infectious Diseases ("NIAID"), the Company will attempt to advance the development of RiVaxTM to protect against exposure to ricin toxin. The Company plans to use the funds received under the government contracts with the Biomedical Advanced Research and Development Authority ("BARDA") and NIAID to advance the development of OrbeShiefdfor the treatment of GI ARS.

The Company generates revenues under government grants primarily from the National Institutes of Health (the "NIH") and government contracts from BARDA and NIAID.

The Company is subject to risks common to companies in the biotechnology industry including, but not limited to, development of new technological innovations, dependence on key personnel, protections of proprietary technology, compliance with the United States Food and Drug Administration ("FDA") regulations, litigation, and product liability. Results for the three and nine months ended September 30, 2016 are not necessarily indicative of results that may be expected for the full year.

Liquidity

As of September 30, 2016, the Company had cash and cash equivalents of \$5,655,200 as compared to \$4,921,545 as of December 31, 2015, representing an increase of \$733,655 or 15%. As of September 30, 2016, the Company had working capital of \$3,319,982, which excludes a non-cash warrant liability of \$1,324,909, as compared to working capital of \$2,179,694, which excludes a non-cash warrant liability of \$2,434,101, as of December 31, 2015, representing an increase of \$1,140,288 or 52%. The increase is primarily related to the net increase in cash as a result of the proceeds received pursuant to our stock purchase agreement with SciClone Pharmaceuticals, Inc.

Based on the Company's current rate of cash outflows, cash on hand, proceeds from its government contract and grant programs, availability of funds from equity lines and proceeds from the state of New Jersey Technology Business Tax Certificate Transfer Program, management believes that its current cash will be sufficient to meet the anticipated cash needs for working capital and capital expenditures for at least the next twelve months.

Management's business strategy can be outlined as follows:

• Complete enrollment and report preliminary results in the pivotal Phase 3 clinical trial of SGX301 for the treatment of CTCL;

• Continue to collect the long-term follow-up safety data from the SGX942 Phase 2 proof-of-concept study for the treatment of oral mucositis in head and neck cancer patients and publish the findings from this study;

Soligenix, Inc. Notes to Consolidated Financial Statements (Unaudited)

Note 1. Nature of Business (cont.)

• Obtain agreement from the FDA on a pivotal Phase 2b/3 protocol of SGX942 in the treatment of oral mucositis in head and neck cancer patients;

• Initiate a pivotal Phase 3 clinical trial of SGX203 for the treatment of pediatric Crohn's disease;

• Continue development of RiVaxTM in combination with the Company's Thermo **Vac**chnology, to develop new heat stable vaccines in biodefense, with NIAID funding support;

• Advance the preclinical and manufacturing development of OrbeShiel® as a biodefense medical countermeasure for the treatment of GI ARS under the BARDA contract and with NIAID funding support;

• Continue to apply for and secure additional government funding for each of the Company's BioTherapeutics and Vaccines/BioDefense programs through grants, contracts and/or procurements;

• Pursue business development opportunities for the Company's pipeline programs, as well as explore merger/acquisition strategies; and

• Acquire or in-license new clinical-stage compounds for development.

The Company's plans with respect to its liquidity management include, but are not limited to, the following:

• The Company has up to \$35.1 million in active government contract and grant funding still available to support its associated research programs through 2016 and beyond, provided the federal agencies exercise all options and do not elect to terminate the contracts or grants for convenience. The Company plans to submit additional contract and grant applications for further support of its programs with various funding agencies;

• The Company has continued to use equity instruments to provide a portion of the compensation due to vendors and collaboration partners and expects to continue to do so for the foreseeable future;

• The Company will pursue Net Operating Loss ("NOL") sales in the state of New Jersey pursuant to its Technology Business Tax Certificate Transfer Program. Based on the receipt of \$488,933 in proceeds pursuant to the sale of NJ NOL in 2015, the Company expects to receive \$530,143 in net proceeds in 2016. The Company expects to participate in the program during 2017 and beyond as the program is available;

• The Company plans to pursue potential partnerships for pipeline programs. However, there can be no assurances that we can consummate such transactions;

• The Company has \$8.2 million available from equity facilities expiring in November 2016, and \$10.4 million from equity facilities expiring in March 2019; and

• The Company may seek additional capital in the private and/or public equity markets to continue its operations, respond to competitive pressures, develop new products and services, and to support new strategic partnerships. The Company is currently evaluating additional equity financing opportunities on an ongoing basis and may execute them when appropriate. However, there can be no assurances that the Company can consummate such a transaction, or consummate a transaction at favorable pricing.

Reverse Stock Split

On October 7, 2016, the Company completed a reverse stock split of its issued and outstanding shares of common stock at a ratio of one-for-ten, whereby, once effective, every ten shares of its common stock was exchanged for one share of its common stock. The Company's common stock began trading on the OTCQB on a reverse split basis at the market opening on October 7, 2016. All share and per share data have been restated to reflect this reverse stock split.

Note 2. Summary of Significant Accounting Policies

Principles of Consolidation

The consolidated financial statements include Soligenix, Inc., and its wholly and majority owned subsidiaries. All significant intercompany accounts and transactions have been eliminated as a result of consolidation.

Reclassification of Prior Year Presentation

Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations.

Operating Segments

Operating segments are defined as components of an enterprise about which separate financial information is available that is evaluated on a regular basis by the chief operating decision maker, or decision making group, in deciding how to allocate resources to an individual segment and in assessing the performance of the segment. The Company divides its operations into two operating segments: BioTherapeutics and Vaccines/BioDefense.

Cash and cash equivalents

The Company considers all highly liquid investments with maturities of three months or less when purchased to be cash equivalents.

Contracts and Grants Receivable

Contracts and grants receivable consist of unbilled amounts due from various grants from the NIH and contracts from BARDA and NIAID, an institute of NIH, for costs incurred prior to the period end under reimbursement contracts. The amounts were billed to the respective governmental agencies in the month subsequent to period end and collected shortly thereafter. Accordingly, no allowance for doubtful amounts has been established. If amounts become uncollectible, they are charged to operations.

Intangible Assets

One of the most significant estimates or judgments that the Company makes is whether to capitalize or expense patent and license costs. The Company makes this judgment based on whether the technology has alternative future uses, as defined in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 730, *Research and Development*. Based on this consideration, the Company capitalizes payments made to legal firms that are engaged in filing and protecting rights to intellectual property and rights for its current products in both the domestic and international markets. The Company believes that patent rights are one of its most valuable assets. Patents and patent applications are a key component of intellectual property, especially in the early stage of product development, as their purchase and maintenance gives the Company access to key product development rights from Soligenix's academic and industry partners. These rights can also be sold or sub-licensed as part of its strategy to partner its products at each stage of development as the intangible assets have alternative future use. The legal costs incurred for these patents consist of work associated with filing new patents designed to protect, preserve and maintain the Company's rights, and perhaps extend the lives of the patents. The Company capitalizes such costs and amortizes intangibles on a straight-line basis over their expected useful life – generally a period of 11 to 16 years.

The Company did not capitalize any patent related costs during the nine months ended September 30, 2016 and 2015.

These intangible assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable or if the underlying program is no longer being pursued. If the sum of the expected undiscounted cash flows is less than the carrying value of the related asset or group of assets, a loss is recognized for the difference between the fair value and carrying value of the related asset or group of assets. No such write downs have occurred during the nine months ended September 30, 2016 and 2015.

Note 2. Summary of Significant Accounting Policies (cont.)

Impairment of Long-Lived Assets

Office furniture and equipment and intangible assets are evaluated and reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. The Company recognizes impairment of long-lived assets in the event the net book value of such assets exceeds the estimated future undiscounted cash flows attributable to such assets. If the sum of the expected undiscounted cash flows is less than the carrying value of the related asset or group of assets, a loss is recognized for the difference between the fair value and the carrying value of the related asset or group of assets. Such analyses necessarily involve significant judgment.

The Company did not record any impairment of long-lived assets for the nine months ended September 30, 2016 and 2015.

Fair Value of Financial Instruments

FASB ASC 820 — *Fair Value Measurements and Disclosures*, defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. FASB ASC 820 requires disclosures about the fair value of all financial instruments, whether or not recognized, for financial statement purposes. Disclosures about the fair value of financial instruments are based on pertinent information available to the Company on September 30, 2016. Accordingly, the estimates presented in these financial statements are not necessarily indicative of the amounts that could be realized on disposition of the financial instruments.

FASB ASC 820 specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurement) and the lowest priority to unobservable inputs (Level 3 measurement).

The three levels of the fair value hierarchy are as follows:

• Level 1 — Quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date. Level 1 primarily consists of financial instruments whose value is based on quoted market prices such as exchange-traded instruments and listed equities.

• Level 2 — Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly. Level 2 includes financial instruments that are valued using models or other valuation methodologies. These models consider various assumptions, including volatility factors, current market prices and contractual prices for the underlying financial instruments. Substantially all of these assumptions are observable in the marketplace, can be derived from observable data or are supported by observable levels at which transactions are executed in the marketplace.

• Level 3 — Unobservable inputs for the asset or liability. Financial instruments are considered Level 3 when their fair values are determined using pricing models, discounted cash flows or similar techniques and at least one significant model assumption or input is unobservable.

The carrying amounts reported in the consolidated balance sheet for cash and cash equivalents, contracts and grants receivable, accounts payable, notes payable and accrued compensation approximate their fair value based on the short-term maturity of these instruments. The Company recognizes all derivative financial instruments as assets or liabilities in the financial statements and measures them at fair value with changes in fair value reflected as current period income or loss unless the derivatives qualify as hedges. As a result, certain warrants issued in connection with the Company's June 2013 registered public offering were accounted for as derivatives. See Note 5, *Warrant Liability*.

Note 2. Summary of Significant Accounting Policies (cont.)

Revenue Recognition

The Company's revenues are primarily generated from government contracts and grants. The revenue from government contracts and grants is based upon subcontractor costs and internal costs incurred that are specifically covered by the contracts and grants, plus a facilities and administrative rate that provides funding for overhead expenses and management fees. These revenues are recognized when expenses have been incurred by subcontractors or when the Company incurs reimbursable internal expenses that are related to the government contracts and grants.

Research and Development Costs

Research and development costs are charged to expense when incurred in accordance with FASB ASC 730, *Research and Development*. Research and development includes costs such as clinical trial expenses, contracted research and license agreement fees with no alternative future use, supplies and materials, salaries, share-based compensation, employee benefits, equipment depreciation and allocation of various corporate costs.

Accounting for Warrants

The Company considered FASB ASC 815, *Evaluating Whether an Instrument is Considered Indexed to an Entity's Own Stock*, which provides guidance for determining whether an equity-linked financial instrument (or embedded feature) issued by an entity is indexed to the entity's stock and, therefore, qualifying for the first part of the scope exception in paragraph 815-10-15. The Company evaluated the provisions and determined that warrants issued in connection with the Company's June 2013 registered public offering contain provisions that protect holders from a decline in the issue price of the Company's common stock (or "down-round" provisions) and contain net settlement provisions. Consequently, these warrants are recognized as liabilities at their fair value on the date of grant and remeasured at fair value on each reporting date. All other warrants issued were indexed to the Company's stock and therefore are accounted for as equity instruments for 2016 and 2015.

Share-Based Compensation

Stock options are issued with an exercise price equal to the market price on the date of grant. Stock options issued to directors upon re-election vest quarterly for a period of one year (new director issuances are fully vested upon issuance). Stock options issued to employees vest 25% on the grant date, then 25% each subsequent year for a period of three years. Stock options vest over each three-month period from the date of issuance to the end of the three year period. These options have a ten year life for as long as the individuals remain employees or directors. In general, when an employee or director terminates their position, the options will expire within three months, unless otherwise extended by the Board.

From time to time, the Company issues restricted shares of common stock to vendors and consultants as compensation for services performed. Typically these instruments vest upon issuance and therefore the entire share-based compensation expense is recognized upon issuance to the vendors and/or consultants.

Share-based compensation expense for options, warrants and shares of common stock granted to non-employees has been determined in accordance with FASB ASC 505-50, *Equity-Based Payments to Non-Employees*, and represents the fair value of the consideration received, or the fair value of the equity instruments issued, whichever may be more reliably measured. For options that vest over future periods, the fair value of options granted to non-employees is

amortized as the options vest. The fair value is remeasured each reporting period until performance is complete.

For the nine months ended September 30, 2016 and 2015, the Company issued stock options at a weighted average exercise price of \$7.72 and \$14.40 per share, respectively. The fair value of options issued during the nine months ended September 30, 2016 and 2015 was estimated using the Black-Scholes option-pricing model and the following assumptions:

- a dividend yield of 0%;
- an expected life of 4 years;

Note 2. Summary of Significant Accounting Policies (cont.)

- volatility of 116% for 2016 and ranging from 136%–141% for 2015;
- forfeitures at a rate of 12%; and
- risk-free interest rates ranging from 0.96%-1.52% and 0.99%-1.34% for 2016 and 2015, respectively.

The fair value of each option grant made during 2016 and 2015 was estimated on the date of each grant using the Black-Scholes option pricing model and amortized ratably over the option vesting periods, which approximates the service period.

Income Taxes

Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. A valuation allowance is established when it is more likely than not that all or a portion of a deferred tax asset will not be realized. A review of all available positive and negative evidence is considered, including the Company's current and past performance, the market environment in which the Company operates, the utilization of past tax credits, and the length of carryback and carryforward periods. Deferred tax assets and liabilities are measured utilizing tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. No current or deferred income taxes have been provided through September 30, 2016 due to the net operating losses incurred by the Company since its inception. The Company recognizes accrued interest and penalties associated with uncertain tax positions, if any, as part of income tax expense. There were no tax related interest and penalties recorded for 2016 and 2015. Additionally, the Company has not recorded an asset for unrecognized tax benefits or a liability for uncertain tax positions at September 30, 2016 and December 31, 2015.

Earnings Per Share

Basic earnings per share ("EPS") excludes dilution and is computed by dividing income (loss) available to common stockholders by the weighted-average number of common shares outstanding for the period. 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 shared in the earnings of the entity. Since there is a significant number of options and warrants outstanding, fluctuations in the actual market price can have a variety of results for each period presented.

	Three Months I September 30,	Ended	Nine Months E September 30,	nded
	2016	2015	2016	2015
Numerator:				
Net income/(loss) for basic earnings per share	\$(1,673,217)	2,774,348	\$(2,915,424)	\$(5,772,668)
Less change in fair value of warrant liability	—	4,047,742	1,109,192	—
Net loss for diluted earnings per share	(1,673,217)	(1,273,394)	(4,024,616)	(5,772,668)
Denominator:				
Weighted-average basic common shares				
outstanding	3,432,081	2,648,240	3,245,653	2,553,930
Assumed conversion of dilutive securities:				

Common stock purchase warrants	_	180,818	102,184	_
Denominator for diluted earnings per share –				
adjusted weighted-average shares	3,432,081	2,829,058	3,347,837	2,553,930
Basic net income (loss) per share	\$(0.49)	1.05	\$(0.90)	\$(2.26)
Diluted net loss per share	\$(0.49)	(0.45)	\$(1.20)	\$(2.26)
F-11				

Note 2. Summary of Significant Accounting Policies (cont.)

The following table summarizes potentially dilutive adjustments to the weighted average number of common shares which were excluded from the calculation because their effect would be anti-dilutive.

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2016	2015	2016	2015
Common stock purchase warrants	492,614	188,920	188,920	492,614
Stock options	299,752	230,074	299,752	230,074
Total	792,366	418,994	488,672	722,686

The weighted average exercise price of the Company's stock options and warrants outstanding at September 30, 2016 were \$18.20 and \$7.38 per share, respectively, and at September 30, 2015 were \$23.30 and \$8.00 per share, respectively.

Use of Estimates and Assumptions

The preparation of financial statements in conformity with accounting principles generally accepted in the U.S. requires management to make estimates and assumptions such as the fair value of warrants and stock options and recovery of the useful life of intangibles that affect the reported amounts in the financial statements and accompanying notes. Actual results could differ from those estimates.

Recently Issued Accounting Pronouncements

In August 2014, the FASB issued Accounting Standards Update ("ASU") No. 2014-15, "Presentation of Financial Statements - Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern." The amendments in this ASU are intended to define management's responsibility to evaluate whether there is substantial doubt about an entity's ability to continue as a going concern and to provide related footnote disclosures. Specifically, this ASU provides a definition of the term substantial doubt and requires an assessment for a period of one year after the date that the financial statements are issued (or available to be issued). It also requires certain disclosures when substantial doubt is alleviated as a result of consideration of management's plans and requires an express statement and other disclosures when substantial doubt is not alleviated. The new standard will be effective for annual periods ending after December 15, 2016, and interim periods thereafter, with early adoption permitted. The Company is currently evaluating the impact the adoption of this standard will have on the Company's consolidated financial statements and disclosures.

In February 2016, the FASB issued ASU No. 2016-02, "Leases" (topic 842). The FASB issued this update to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The updated guidance is effective for annual periods beginning after December 15, 2018, including interim periods within those fiscal years. Early adoption of the update is permitted. The Company is evaluating the impact of the adoption of this update on our consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, "Improvements to Employee Share-Based Payment Accounting, which amends ASC Topic 718, and intends to simplify various aspects related to how share-based payments are accounted for and presented in the financial statements. It is effective for annual reporting periods beginning after December 15, 2016, and interim periods within that reporting period. Early adoption is permitted. The Company is

currently evaluating the impact of adoption of this update on our consolidated financial statements and related disclosures.

Note 3. Intangible Assets

The following is a summary of intangible assets which consists of licenses and patents:

		Accumulated		Net Book		
	Cost		Amortization		Valı	ue
<u>September 30, 2016</u>						
Licenses	\$	462,234	\$	354,179	\$	108,055
Patents		1,893,185		1,858,932		34,253
Total	\$	2,355,419	\$	2,213,111	\$	142,308
December 31, 2015						
Licenses	\$	462,234	\$	333,732	\$	128,502
Patents		1,893,185		1,832,955		60,230
Total	\$	2,355,419	\$	2,166,687	\$	188,732

Amortization expense was \$15,589 and \$55,929 for the three months ended September 30, 2016 and 2015, respectively, and \$46,424 and \$165,288 for the nine months ended September 30, 2016 and 2015, respectively.

Based on the balance of licenses and patents at September 30, 2016, the annual amortization expense for each of the succeeding four years is expected to approximate as follows:

	Amor	rtization Expense
October 1 thru December 31, 2016	\$	15,376
2017	\$	61,800
2018	\$	37,300
2019	\$	27,832

License fees and royalty payments are expensed as incurred as the Company does not attribute any future benefits to such payments.

Note 4. Notes Payable

On July 29, 2015, the Company entered into equity purchase agreements (the "Equity Line Purchase Agreements") and registration rights agreements with certain accredited institutional investors. Under the Equity Line Purchase Agreements, the investors have agreed to purchase from the Company up to an aggregate of \$10 million worth of shares of common stock, from time to time.

In consideration for entering into the Equity Line Purchase Agreements, the Company issued to the investors promissory notes having an aggregate principal amount of \$300,000, which were recorded as stock issuance costs. The promissory notes were paid on April 15, 2016, and had an issuance date present value of \$282,071. The promissory notes did not include terms for interest, therefore the interest was imputed at 9%. Total discount amortization of \$7,281 was recorded as interest expense for the nine months ended September 30, 2016. The discount was being accreted over the term of the promissory notes using the effective interest rate method.

Note 5. Warrant Liability

Warrants issued in connection with the Company's June 2013 registered public offering contain provisions that protect holders from a decline in the issue price of its common stock (or "down-round" provision) and contain net settlement provisions. As a result, the Company accounts for these warrants as liabilities instead of equity instruments.

Down-round provisions reduce the exercise or conversion price of a warrant if the Company issues equity shares for a price that is lower than the exercise or conversion price of the warrants. Net settlement provisions allow the holder of the warrant to surrender shares underlying the warrant equal to the exercise price as payment of its exercise price,

Note 5. Warrant Liability (cont.)

instead of exercising the warrant by paying cash. The Company evaluates whether warrants to acquire its common stock contain provisions that protect holders from declines in the stock price or otherwise could result in modification of the exercise price and/or shares to be issued under the respective warrant agreements based on a variable that is not an input to the fair value of a "fixed for fixed" option. As a result of the Company's December 2014 registered public unit offering, the exercise price of warrants outstanding in connection with the public offering completed in June 2013 was adjusted to \$6.10 per share. As a result of the Company's December 2015 drawings on the Equity Line Purchase Agreements, the exercise price of warrants outstanding in connection with the public offering conducted in June 2013 was adjusted to \$5.10 per share. The Company recognized these warrants as liabilities at their fair value on the date of grant and remeasures them to fair value on each reporting date.

The Company recognized an initial warrant liability for the warrants issued in connection with the registered public offering completed in June 2013 totaling \$4,827,788, which was based on the June 25, 2013 closing price of a share of the Company's common stock as reported on OTC Markets of \$9.60. On September 30, 2016, the closing price of the Company's common stock as reported on OTC Markets was \$7.70. Due to the fluctuations in the market value of the Company's common stock from December 31, 2015 through September 30, 2016, the Company recognized non-cash income of \$1,109,192 for the change in the fair value of the warrant liability for the nine months ended September 30, 2016.

The assumptions used in connection with the valuation of warrants issued utilizing the binomial method were as follows:

	September 30, 2016		December 31, 201			
Number of shares underlying the warrants		303,694			303,694	
Exercise price	\$	5.10		\$	5.10	
Volatility		90	%		98	%
Risk-free interest rate		0.68	%		1.19	%
Expected dividend yield		0			0	
Expected warrant life (years)		1.73			2.48	
Stock Price	\$	7.70		\$	11.30	

The table below provides a reconciliation of the beginning and ending balances for the liability measured at fair value using significant unobservable inputs (Level 3). The table reflects gains for the nine months ended September 30, 2016 for the financial liability categorized as Level 3 as of September 30, 2016.

			Decrease from Warrants				
			Exercised in	Deci	rease		
	Dece	ember 31, 2015	2016	in Fa	air Value	Sept	ember 30, 2016
Warrant liability	\$	2,434,101		\$	1,109,192	\$	1,324,909
Note 6. Income Taxes							

The Company had gross NOLs at December 31, 2015 of approximately \$90,891,000 for federal tax purposes and approximately \$5,273,000 of New Jersey NOL carry forwards remaining after the sale of unused net operating loss carry forwards, portions of which will begin to expire in 2018. In addition, the Company has \$4,909,000 of various tax credits which expire from 2018 to 2034. The Company may be able to utilize its NOLs to reduce future federal and state income tax liabilities. However, these NOLs are subject to various limitations under Internal Revenue Code

("IRC") Section 382. IRC Section 382 limits the use of NOLs to the extent there has been an ownership change of more than 50 percentage points. In addition, the NOL carry forwards are subject to examination by the taxing authority and could be adjusted or disallowed due to such exams. Although the Company has not undergone an IRC Section 382 analysis, it is likely that the utilization of the NOLs may be substantially limited.

Note 6. Income Taxes (cont.)

The Company and one or more of its subsidiaries files income tax returns in the U.S. Federal jurisdiction, and various state and local jurisdictions. During the year ended December 31, 2015, in accordance with the State of New Jersey's Technology Business Tax Certificate Program, which allowed certain high technology and biotechnology companies to sell unused net operating loss carryforwards to other New Jersey-based corporate taxpayers, the Company sold New Jersey net operating loss carryforwards, resulting in the recognition of \$488,933 of income tax benefit, net of transaction costs. There can be no assurance as to the continuation or magnitude of this program in the future.

The Company has no tax provision for the three and nine month periods ended September 30, 2016 and 2015 due to losses incurred and the recognition of full valuation allowances recorded against net deferred tax assets.

Note 7. Shareholders' Deficiency

Preferred Stock

The Company has 350,000 shares of preferred stock authorized, none of which are issued or outstanding.

Common Stock

During the nine months ended September 30, 2016, the Company issued the following shares of common stock:

• In several separate transactions the Company issued 266,830 shares of common stock pursuant to the equity line with Lincoln Park Capital Fund, LLC ("Lincoln Park");

• On May 31, 2016, the Company issued 5,000 shares of common stock to a vendor for partial consideration for services performed. The market price of the Company's common stock was \$7.30 on the date issued and the shares were vested on the date of grant.

• On August 29, 2016, the Company issued 2,500 shares of common stock to a vendor for partial consideration for services performed. The market price of the Company's common stock was \$6.40 on the date issued and the shares were vested on the date of grant.

• On September 9, 2016, the Company and SciClone entered into an exclusive license agreement (the "License Agreement"), pursuant to which the Company granted rights to SciClone to develop, promote, market, distribute and sell SGX942 in the People's Republic of China, including Hong Kong and Macau, as well as Taiwan, South Korea and Vietnam (the "Territory"). Under the terms of the License Agreement, SciClone will be responsible for all aspects of development, product registration and commercialization in the Territory, having access to data generated by the Company. In exchange for exclusive rights, SciClone will pay to the Company royalties on net sales, and the Company will supply commercial drug product to SciClone on a cost-plus basis, while maintaining worldwide manufacturing rights. The Company also entered into a common stock purchase agreement with SciClone pursuant to which we sold 352,942 shares of our common stock to SciClone for an aggregate price of \$3,000,000.

Equity Line Facilities

In March 2016, the Company entered into a common stock purchase agreement with Lincoln Park. The Lincoln Park equity facility allows the Company to require Lincoln Park to purchase up to 10,000 shares ("Regular Purchase") of the

Company's common stock every two business days, up to an aggregate of \$12.0 million over approximately a 36-month period with such amounts increasing as the quoted stock price increases. The Regular Purchase may be increased up to 15,000 shares of common stock if the closing price of the common shares is not below \$10.00, up to 20,000 shares of common stock if the closing price of the common shares is not below \$15.00 and up to 25,000 shares of common stock if the closing price of the common shares is not below \$15.00 and up to 25,000 shares of common stock if the closing price of the common shares is not below \$15.00 and up to 25,000 shares of common stock if the closing price of the common shares is not below \$10.00. The purchase price for the Regular Purchase shall be equal to the lesser of (i) the lowest sale price of the common shares during the purchase date, or (ii) the average of the three lowest closing sale prices of the common shares during the twelve business days prior to

Note 7. Shareholders' Deficiency (cont.)

the purchase date. Each Regular Purchase shall not exceed \$750,000. Furthermore, for each purchase by Lincoln Park, additional commitment shares in commensurate amounts up to a total of 50,000 shares will be issued based upon the relative proportion of the aggregate amount of \$12.0 million. In addition to the Regular Purchase and provided that the closing price of the common shares is not below \$7.50 on the purchase date, the Company in its sole discretion may direct Lincoln Park on each purchase date to purchase on the next stock trading day (Accelerated Purchase Date") additional shares of Company stock up to the lesser of (i) three times the number of shares purchased following a Regular Purchase or (ii) 30% of the trading volume of shares traded on the Accelerated Purchase Date at a price equal to the lesser of the closing sale price on the Accelerated Purchase Date or 95% of the Accelerated Purchase Date's volume weighted average price.

Upon entering into the agreement, the Company issued 10,000 shares of common stock as consideration for its commitment to purchase shares of our common stock under the purchase agreement. The value of these shares on the date granted was \$81,000, which was accounted for as a stock issuance cost.

During the quarter ended September 30, 2016, the Company sold Lincoln Park 110,000 shares of common stock for an aggregate price of \$676,510 and issued 2,819 additional shares of common stock with a value of \$17,377 to Lincoln Park as a commitment fee pursuant to the terms of the agreement. The additional shares issued as a commitment fee were accounted for as a stock issuance cost.

Note 8. Commitments and Contingencies

The Company has commitments of approximately \$416,667 as of September 30, 2016 for several licensing agreements with consultants and universities. Additionally, the Company has collaboration and license agreements, which upon clinical or commercialization success, may require the payment of milestones of up to \$7.9 million and/or royalties up to 6% of net sales of covered products, if and when achieved. However, there can be no assurance that clinical or commercialization success will occur. As of September 30, 2016, no milestone or royalty payments have been paid or accrued.

In December 2014, the Company entered into a lease agreement through May 31, 2018 for existing and expanded office space. The rent for the first 12 months is approximately \$12,300 per month, or approximately \$20.85 per square foot. This rent increases to approximately \$12,375 per month, or approximately \$20.95 per square foot, for the next 12 months and approximately \$12,460 per month, or approximately \$21.13 per square foot for the remainder of the lease.

On September 3, 2014, the Company entered into an asset purchase agreement with Hy Biopharma, Inc. ("Hy Biopharma") pursuant to which the Company acquired certain intangible assets, properties and rights of Hy Biopharma related to the development of Hy BioPharma's synthetic hypericin product. As consideration for the assets acquired, the Company paid \$275,000 in cash and issued 184,912 shares of common stock with a fair value based on the Company's stock price on the date of grant of \$3,750,000. These amounts were charged to research and development expense during the third quarter of 2014 as the assets will be used in the Company's research and development activities and do not have alternative future use pursuant to generally accepted accounting principles in the United States. Provided all future success-oriented milestones are attained, the Company will be required to make additional payments of up to \$10.0 million, if and when achieved. Payments will be payable in restricted securities of the Company not to exceed 19.9% ownership of Company's outstanding stock. As of September 30, 2016, no milestone or royalty payments have been paid or accrued.

In February 2007, the Company's Board of Directors authorized the issuance of 50,000 shares of the Company's common stock to Dr. Schaber immediately prior to the completion of a transaction, or series or a combination of related transactions, negotiated by its Board of Directors whereby, directly or indirectly, a majority of its capital stock or a majority of its assets are transferred from the Company and/or its stockholders to a third party. Dr. Schaber's amended employment agreement includes the Company's obligation to issue such shares if such event occurs.

Note 8. Commitments and Contingencies (cont.)

As a result of the above agreements, the Company has future contractual obligations over the next five years as follows:

	Research and		Prop	erty and Other		
Year	Deve	elopment	Leas	es	Total	l
October 1 through December 31, 2016	\$	16,667	\$	39,333	\$	56,000
2017		100,000		151,000		251,000
2018		100,000		52,000		152,000
2019		100,000				100,000
2020		100,000				100,000
Total	\$	416,667	\$	242,333	\$	659,000
Note 9. Operating Segments						

The Company maintains two active operating segments: BioTherapeutics and Vaccines/BioDefense. Each segment includes an element of overhead costs specifically associated with its operations, with its corporate shared services group responsible for support functions generic to both operating segments.

2016 2015	2015			
Contract/Grant Revenue				
Vaccines/BioDefense \$ 2,959,254 \$ 3,879,67	5			
BioTherapeutics — — —				
Total \$ 2,959,254 \$ 3,879,67	5			
Income (Loss) from Operations				
Vaccines/BioDefense \$ 239,012 \$ 653,415				
BioTherapeutics (908,086) (959,065)			
Corporate (829,743) (964,016)			
Total \$ (1,498,817) \$ (1,269,6	56)			
Amortization and Depreciation Expense				
Vaccines/BioDefense \$ 10,090 \$ 10,093				
BioTherapeutics 10,313 50,673				
Corporate 2,063 2,074				
Total \$ 22,466 \$ 62,840				
Other Income (Expense), Net				
Corporate \$ (174,400) \$ 4,044,01	4			
Share-Based Compensation				
Vaccines/BioDefense \$ 25,164 \$ 19,344				
BioTherapeutics 30,496 29,180				
Corporate 61,590 86,400				
Total \$ 117,250 \$ 134,924				

Note 9. Operating Segments (cont.)

	Nine Months Ended September 30, 2016			2015			
Contract/Grant Revenue Vaccines/BioDefense BioTherapeutics	\$	8,750	,291	\$	5,781,816 13,972		
Total	\$	8,750	,291	\$	5,795,788		
Income (Loss) from Operations							
Vaccines/BioDefense BioTherapeutics	\$	1,291		\$	1,040,627 (3,094,883)		
Corporate			2,766) 2,836)		(3,094,883) (2,808,428)		
Total	\$		4,479)	\$	(4,862,684)		
Amortization and Depreciation Expense							
Vaccines/BioDefense	\$	30,15		\$	29,820		
BioTherapeutics Corporate		31,30 6,443			148,913 5,763		
Total	\$	67,90		\$	184,496		
Other Income (Expense), Net							
Corporate	\$	1,499	9,055	\$	(909,984)		
Share-Based Compensation							
Vaccines/BioDefense	\$	77,39		\$	63,280		
BioTherapeutics Corporate		96,31 280,2			88,615 262,217		
Total	\$	453,9		\$	414,112		
		As of 2016	September 30,		of cember 31, 2015		
Identifiable Assets							
Vaccines/BioDefense BioTherapeutics		\$	1,801,149 56,555	\$	2,123,676 76,183		
Corporate		¢	5,896,100	¢	5,187,263		
Total Note 10. Subsequent Events		\$	7,753,804	\$	7,387,122		

During November 2016, the Company and the holders of the issued and outstanding common stock purchase warrants dated June 25, 2013 issued in connection with the Company's June 2013 registered public offering agreed to amend the terms of those common stock purchase warrants. According to the terms of the Amendment to the Common Stock Purchase Warrant (the "Amendment"), the exercise price per share of the common stock under those warrants (after giving effect to the one-for-ten reverse stock split effective October 7, 2016) was reduced from \$5.10 per share to \$0.80 per share. In addition, the Amendment permits the holders to exercise those warrants by means of a cashless

exercise in which the holders shall be entitled to receive shares based on a formula in the Amendment and the "down round" provision was eliminated. As a result of the Amendment, the warrant liability, as described in Note 5, Warrant Liability, was remeasured as of the date of the modification, which resulted in an approximate \$430,000 decrease in the carrying value of the warrant liability, which was recognized in the statement of operations on the date of the modification. The warrant liability was then reclassified to equity as the amended terms of the warrants qualified them to be accounted for as equity instruments. Of the 303,694 shares of common stock that remained issuable upon the exercise of such warrants as of September 30, 2016, warrants to purchase a total of 42,444 shares were subsequently exchanged on a cashless exercise basis, and as a result, 33,978 shares of common stock were issued through November 9, 2016.

Soligenix, Inc. and Subsidiaries Consolidated Balance Sheets As of December 31,

	201	2015		14
Assets				
Current assets:				
Cash and cash equivalents	\$	4,921,545	\$	5,525,094
Contracts and grants receivable		1,985,212		794,767
Prepaid expenses		244,267		172,928
Total current assets		7,151,024		6,492,789
Office furniture and equipment, net		47,366		51,510
Intangible assets, net		188,732		409,949
Total assets	\$	7,387,122	\$	6,954,248
Liabilities and shareholders' deficiency				
Current liabilities:	+			
Accounts payable	\$	4,379,936	\$	3,003,545
Notes payable		292,719		
Warrant liability		2,434,101		3,789,562
Accrued compensation		298,675		315,030
Total current liabilities		7,405,431		7,108,137
Commitments and contingencies				
Shareholders' deficiency:				
Preferred stock, 350,000 shares authorized; none issued or				
outstanding		—		—
Common stock, \$.001 par value; 5,000,000 shares authorized;				
3,126,952 and 2,393,657 shares issued and outstanding in 2015				
and 2014,				
respectively(1)		3,127		2,394
Additional paid-in capital(1)		146,856,143		138,890,066
Accumulated deficit		(146,877,579)		(139,046,349)
Total shareholders' deficiency		(18,309)		(153,889)
Total liabilities and shareholders' deficiency	\$	7,387,122	\$	6,954,248

(1) Adjusted to reflect the reverse stock split of one-for-ten effective October 7, 2016.

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

Soligenix, Inc. and Subsidiaries Consolidated Statements of Operations For the Years Ended December 31,

	201	5		201	.4					
Revenues:										
Grant revenue	\$	127,042		\$	1,497,548					
Contract revenue		8,641,348			5,545,468					
Total revenues		8,768,390			7,043,016					
Cost of revenues		(6,882,204)		(5,313,855)				
Gross profit		1,886,186			1,729,161					
Operating expenses:										
Research and development		5,399,839			5,086,535					
Acquired in-process research and development		—			4,000,000					
General and administrative		3,596,623			3,403,975					
Total operating expenses		8,996,462			12,490,510					
Loss from operations		(7,110,276)		(10,761,349)				
Other income (expense):										
Change in fair value of warrant liability		(1,201,870)		3,436,195					
Interest income (expense), net		(8,017)		1,310					
Total other income (expense)		(1,209,887)		3,437,505					
Net loss before income taxes		(8,320,163)		(7,323,844)				
Income tax benefit		488,933			616,872					
Net loss	\$	(7,831,230)	\$	(6,706,972)				
Basic net loss per share(1)	\$	(3.00)	\$	(3.25)				
Diluted net loss per share(1)	\$	(3.00)	\$	(4.30)				
Basic weighted average common shares outstanding(1)		2,606,577			2,063,842					
Diluted weighted average common shares outstanding(1)		2,606,577			2,358,494					

(1) Adjusted to reflect the reverse stock split of one-for-ten effective October 7, 2016.

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

Soligenix, Inc. and Subsidiaries Consolidated Statements of Changes in Shareholders' Deficiency For the Years Ended December 31, 2015 and 2014

	Common Sto	Pa		Pa	dditional aid–In	ccumulated eficit	Т	otal
Balance, December 31, 2013	Shares(1) 1,962,644	v 2 \$	alue(1) 1,963	\$	apital(1) 130,567,593	\$ (132,339,377)	\$	
Issuance of common stock pursuant to Lincoln Park Equity line	23,075		23		470,452	_		470,475
Issuance of common stock to vendors	12,100		12		256,028	_		256,040
Issuance of shares from exercise of stock options Reclassification of warrant liability upon partial exercise of	3,667		4		28,074	_		28,078
warrants issued in unit offering Fair value of common stock warrants issued to	_		—		1,055,490	_		1,055,490
vendors Issuance of common stock to collaboration	—		—		4,775	_		4,775
stock to conaboration partner Shares issued in connection with acquisition of in-process research and	4,307		4		99,998	_		100,002
development Issuance of common stock from cashless	184,911		185		3,749,815	—		3,750,000
exercise of warrants Share-based	14,300		14		(14)	—		—
compensation expense Common stock issued in unit offering, net of offering costs of	_		_		720,150	_		720,150
\$344,808 Net loss	188,653 —		189 —		1,937,705	(6,706,972)		1,937,894 (6,706,972)
Balance, December 31, 2014 Issuance of common	2,393,657	\$	2,394	\$	138,890,066	\$ (139,046,349)	\$	(153,889)
stock pursuant to Lincoln Park Equity line Issuance of common stock pursuant to Equity	84,135		84		1,339,093	_		1,339,177
Line Purchase Agreement	454,577 —		455 —		2,499,545 (453,162)	_		2,500,000 (453,162)

Stock issuance cost associated with Equity Line Purchase Agreement Issuance of common					
stock to vendors	16,628	16	232,196	—	232,212
Issuance of shares from exercise of stock options Issuance of shares for exercise of	3,312	3	19,247	_	19,250
warrants Reclassification of warrant liability upon partial exercise of warrants issued in unit	174,643	175	1,117,346		1,117,521
offering Share-based	—	—	2,557,331	—	2,557,331
compensation expense Net loss Balance, December 31,	_		654,481 —	(7,831,230)	654,481 (7,831,230)
2015	3,126,952	\$ 3,127	\$ 146,856,143	\$ (146,877,579)	\$ (18,309)

(1) Adjusted to reflect the reverse stock split of one-for-ten effective October 7, 2016.

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

Soligenix, Inc. and Subsidiaries Consolidated Statements of Cash Flows For the Years Ended December 31,

	20	15			.4	
Operating activities: Net loss	\$	(7.921.220	`	¢	(6 706 072	`
Adjustments to reconcile net loss to net cash used in operating	Ф	(7,831,230)	\$	(6,706,972)
activities:						
Amortization and depreciation		247,458			245,787	
Charge for common stock issued for collaboration agreement					100,002	
Common stock issued in exchange for services		232,212			256,040	
Issuance of common stock for acquisition of in-process research		,				
and development					4,000,000	
Warrants issued to vendor					4,775	
Amortization of discount on debt		10,648				
Share-based compensation		654,481			720,150	
Change in fair value of warrant liability		1,201,870			(3,436,195)
Change in operating assets and liabilities:						
Contracts and grants receivable		(1,190,445)		72,319	
Taxes receivable		(1,1)0,445)		750,356	
Prepaid expenses		(71,339)		(37,537)
Accounts payable		1,376,391)		1,483,255	,
Accrued compensation		(16,354)		81,291	
Total adjustments and change in operating assets and liabilities		2,444,922	,		4,240,243	
Net cash used in operating activities		(5,386,308)		(2,466,729)
		(-)	,			,
Investing activities:						
Payments for acquisition of in-process research and development					(250,000)
Purchases of furniture and office equipment		(22,098)		(50,866)
Net cash used in investing activities		(22,098)		(300,866)
Financing activities:						
Net proceeds from sale of units containing common stock and						
warrants					1,937,894	
Net proceeds from issuance of common stock pursuant to the					_,, _ , , _ , _ ,	
equity lines		3,839,177			470,475	
Stock issuance cost associated with equity line purchase agreement	t	(171,091)			
Proceeds from exercise of options and warrants		1,136,771	/		28,078	
Net cash provided by financing activities		4,804,857			2,436,447	
1 7 6		, ,			, ,	
Net decrease in cash and cash equivalents		(603,549)		(331,148)
Cash and cash equivalents at beginning of period		5,525,094			5,856,242	
Cash and cash equivalents at end of period	\$	4,921,545		\$	5,525,094	
Supplemental disclosure of non cash investing and financing						
activities:						
Notes payable issued in connection with Equity Purchase						
Agreement	\$	282,071		\$		
Reclassification of warrant liability to additional paid-in capital						
upon partial exercise of warrants issued in unit offering	\$	2,557,331		\$	1,055,490	

Supplemental information:				
Cash paid for state income taxes	\$	7,542	\$	6,994
The accompanying notes are an integral part	of these con	solidated fin	ancial statem	ents.

Note 1. Nature of Business

Basis of Presentation

Soligenix, Inc. (the "Company") is a late-stage biopharmaceutical company focused on developing and commercializing products to treat rare diseases where there is an unmet medical need. The Company maintains two active business segments: BioTherapeutics and Vaccines/BioDefense.

The Company's BioTherapeutics business segment is developing a first-in-class photodynamic therapy (SGX301) utilizing safe visible light for the treatment of cutaneous T-cell lymphoma ("CTCL"), proprietary formulations of oral beclomethasone 17, 21-dipropionate ("BDP") for the prevention/treatment of gastrointestinal ("GI") disorders characterized by severe inflammation, including pediatric Crohn's disease (SGX203) and acute radiation enteritis (SGX201), and it's novel innate defense regulator ("IDR") technology dusquetide (SGX942) for the treatment of oral mucositis in head and neck cancer.

The Company's Vaccines/BioDefense business segment includes active development programs for RiVaxTM, its ricin toxin vaccine candidate, VeloThraxTM, an anthrax vaccine candidate, OrbeShield®, a GI acute radiation syndrome ("GI ARS") therapeutic candidate and SGX943, a melioidosis therapeutic candidate. The development of the vaccine programs currently supported by the heat stabilization technology, known as ThermoVax®, under existing and on-going government contract funding. With the government contract from the National Institute of Allergy and Infectious Diseases ("NIAID"), the Company will attempt to advance the development of RiVaxTM to protect against exposure to ricin toxin. The Company plans to use the funds received under the government contracts with the Biomedical Advanced Research and Development Authority ("BARDA") and NIAID to advance the development of OrbeShield® for the treatment of GI ARS.

The Company generates revenues under government grants primarily from the National Institutes of Health (the "NIH") and government contracts from BARDA and NIAID.

The Company is subject to risks common to companies in the biotechnology industry including, but not limited to, development of new technological innovations, dependence on key personnel, protections of proprietary technology, compliance with the United States Food and Drug Administration (the U.S. "FDA") regulations, litigation, and product liability.

Liquidity

As of December 31, 2015, the Company had cash and cash equivalents of \$4,921,545 as compared to \$5,525,094 as of December 31, 2014, representing a decrease of \$603,549 or 11%. The decrease in cash was primarily due to net cash used in operations of \$5,386,308 partially offset by cash provided by financing activities of \$4,804,857. As of December 31, 2015, the Company had working capital of \$2,179,694, which excludes a non-cash warrant liability of \$2,434,101, as compared to working capital of \$3,174,214 as of December 31, 2014, representing a decrease of \$9994,520 or 31%. The decrease in working capital was primarily the result of expenditures to support the completion of the Phase 2 clinical trial of SGX942 and the initiation of the pivotal Phase 3 clinical trial of SGX301 for the treatment of CTCL offset by the \$4,804,857 in various financing activities.

Based on the Company's current rate of cash outflows, cash on hand, proceeds from its government contract and grant programs, availability of funds from equity lines and proceeds from the state of New Jersey Technology Business Tax Certificate Transfer Program, management believes that its current cash will be sufficient to meet the anticipated cash needs for working capital and capital expenditures for at least the next twelve months.

Management's business plan can be outlined as follows:

• Complete enrollment and report preliminary results in the pivotal Phase 3 clinical trial of SGX301 for the treatment of CTCL;

• Initiate a Phase 3 clinical trial of oral BDP, known as SGX203, for the treatment of pediatric Crohn's disease;

Note 1. Nature of Business(cont.)

• Continue to collect the long-term follow-up safety data from the SGX942 Phase 2 proof-of-concept study for the treatment of oral mucositis in head and neck cancer patients and publish the findings from this study;

• Obtain FDA agreement on a pivotal Phase 2b/3 protocol of SGX942 for the treatment of oral mucositis in head and neck cancer patients;

• Continue development of RiVaxTM in combination with ThermoVax® technology to develop new heat stable vaccines in biodefense and infectious diseases with the potential to collaborate and/or partner with other companies in these areas;

• Advance the preclinical and manufacturing development of OrbeShield® as a biodefense medical countermeasure for the treatment of GI ARS;

• Continue to apply for and secure additional government funding for each of our BioTherapeutics and Vaccines/BioDefense programs through grants, contracts and/or procurements;

- Acquire or in-license new clinical-stage compounds for development; and
- Explore other business development and merger/acquisition strategies.

The Company's plans with respect to its liquidity management include, but are not limited to the following:

• The Company has up to \$43.0 million in active government contract funding still available to support its associated research programs through 2016 and beyond. The Company plans to submit additional contract and grant applications for further support of its programs with various funding agencies;

• The Company has continued to use equity instruments to provide a portion of the compensation due to vendors and collaboration partners and expects to continue to do so for the foreseeable future;

• The Company will pursue Net Operating Loss ("NOL") sales in the state of New Jersey pursuant to its Technology Business Tax Certificate Transfer Program. Based on the receipt of \$488,933 in proceeds of the sale of NJ NOL in 2015, the Company expects to participate in the program during 2016 and beyond;

• The Company has an aggregate of \$20.2 million available from equity facilities through 2019; and

• The Company may seek additional capital in the private and/or public equity markets, pursue government contracts and grants as well as business development activities to continue its operations, respond to competitive pressures, develop new products and services, and to support new strategic partnerships. The Company is currently evaluating additional equity financing opportunities on an ongoing basis and may execute them when appropriate. However, there can be no assurances that the Company can consummate such a transaction, or consummate a transaction at favorable pricing.

Reverse Stock Split

On October 7, 2016, the Company completed a reverse stock split of its issued and outstanding shares of common stock at a ratio of one-for-ten, whereby, once effective, every ten shares of its common stock was exchanged for one

share of its common stock. The Company's common stock began trading on the OTCQB on a reverse split basis at the market opening on October 7, 2016. All share and per share data have been restated to reflect this reverse stock split.

Note 2. Summary of Significant Accounting Policies

Principles of Consolidation

The consolidated financial statements include Soligenix, Inc., and its wholly and majority owned subsidiaries. All significant intercompany accounts and transactions have been eliminated as a result of consolidation.

Note 2. Summary of Significant Accounting Policies (cont.)

Operating Segments

Operating segments are defined as components of an enterprise about which separate financial information is available that is evaluated on a regular basis by the chief operating decision maker, or decision making group, in deciding how to allocate resources to an individual segment and in assessing the performance of the segment. The Company divides its operations into two operating segments: BioTherapeutics and Vaccines/BioDefense.

Cash and Cash Equivalents

The Company considers all highly liquid investments with maturities of three months or less when purchased to be cash equivalents.

Contracts and Grants Receivable

Contracts and grants receivable consist of unbilled amounts due from various grants from the NIH and contracts from BARDA and NIAID, an institute of NIH, for costs incurred prior to the period end under reimbursement contracts. The amounts were billed to the respective governmental agencies in the month subsequent to period end and collected shortly thereafter. Accordingly, no allowance for doubtful amounts has been established. If amounts become uncollectible, they are charged to operations.

Intangible Assets

One of the most significant estimates or judgments that the Company makes is whether to capitalize or expense patent and license costs. The Company makes this judgment based on whether the technology has alternative future uses, as defined in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 730, Research and Development. Based on this consideration, the Company capitalizes payments made to legal firms that are engaged in filing and protecting rights to intellectual property and rights for its current products in both the domestic and international markets. The Company believes that patent rights are one of its most valuable assets. Patents and patent applications are a key component of intellectual property, especially in the early stage of product development, as their purchase and maintenance gives the Company access to key product development rights from Soligenix's academic and industry partners. These rights can also be sold or sub-licensed as part of its strategy to partner its products at each stage of development as the intangible assets have alternative future use. The legal costs incurred for these patents consist of work associated with filing new patents designed to protect, preserve and maintain the Company's rights, and perhaps extend the lives of the patents. The Company capitalizes such costs and amortizes intangibles on a straight-line basis over their expected useful life – generally a period of 11 to 16 years.

These intangible assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable or if the underlying program is no longer being pursued. If the sum of the expected undiscounted cash flows is less than the carrying value of the related asset or group of assets, a loss is recognized for the difference between the fair value and carrying value of the related asset or group of assets. No such write downs have occurred during the years ended December 31, 2015 and 2014.

The Company did not capitalize any patent related costs during the years ended December 31, 2015 or 2014.

Impairment of Long-Lived Assets

Office furniture and equipment and intangible assets are evaluated and reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. The Company recognizes impairment of long-lived assets in the event the net book value of such assets exceeds the estimated future undiscounted cash flows attributable to such assets. If the sum of the expected undiscounted cash flows is less than the carrying value of the related asset or group of assets, a loss is recognized for the difference between the fair value and the carrying value of the related asset or group of assets. Such analyses necessarily involve significant judgment.

Note 2. Summary of Significant Accounting Policies (cont.)

The Company did not record any impairment of long-lived assets for the years ended December 31, 2015 or 2014.

Fair Value of Financial Instruments

FASB ASC 820 — Fair Value Measurements and Disclosures, defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. FASB ASC 820 requires disclosures about the fair value of all financial instruments, whether or not recognized, for financial statement purposes. Disclosures about the fair value of financial instruments are based on pertinent information available to the Company on December 31, 2015. Accordingly, the estimates presented in these financial statements are not necessarily indicative of the amounts that could be realized on disposition of the financial instruments.

FASB ASC 820 specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurement) and the lowest priority to unobservable inputs (Level 3 measurement).

The three levels of the fair value hierarchy are as follows:

• Level 1 — Quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date. Level 1 primarily consists of financial instruments whose value is based on quoted market prices such as exchange-traded instruments and listed equities.

• Level 2 — Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly. Level 2 includes financial instruments that are valued using models or other valuation methodologies. These models consider various assumptions, including volatility factors, current market prices and contractual prices for the underlying financial instruments. Substantially all of these assumptions are observable in the marketplace, can be derived from observable data or are supported by observable levels at which transactions are executed in the marketplace.

• Level 3 — Unobservable inputs for the asset or liability. Financial instruments are considered Level 3 when their fair values are determined using pricing models, discounted cash flows or similar techniques and at least one significant model assumption or input is unobservable.

The carrying amounts reported in the consolidated balance sheet for cash and cash equivalents, contracts and grants receivable, accounts payable, notes payable and accrued compensation approximate their fair value based on the short-term maturity of these instruments. The Company recognizes all derivative financial instruments as assets or liabilities in the financial statements and measures them at fair value with changes in fair value reflected as current period income or loss unless the derivatives qualify as hedges. As a result, certain warrants issued in connection with the Company's June 2013 registered public offering were accounted for as derivatives. See Note 5, Warrant Liability.

Revenue Recognition

The Company's revenues are primarily generated from government contracts and grants. The revenue from government contracts and grants is based upon subcontractor costs and internal costs incurred that are specifically

covered by the contracts and grants, plus a facilities and administrative rate that provides funding for overhead expenses and management fees. These revenues are recognized when expenses have been incurred by subcontractors or when the Company incurs reimbursable internal expenses that are related to the government contracts and grants.

Research and Development Costs

Research and development costs are charged to expense when incurred in accordance with FASB ASC 730, Research and Development. Research and development includes costs such as clinical trial expenses, contracted research and license agreement fees with no alternative future use, supplies and materials, salaries, share-based compensation, employee benefits, equipment depreciation and allocation of various corporate costs. Purchased in-process research

Note 2. Summary of Significant Accounting Policies (cont.)

and development expense represents the value assigned or paid for acquired research and development for which there is no alternative future use as of the date of acquisition.

Accounting for Warrants

The Company considered FASB ASC 815, Evaluating Whether an Instrument is Considered Indexed to an Entity's Own Stock, which provides guidance for determining whether an equity-linked financial instrument (or embedded feature) issued by an entity is indexed to the entity's stock, and, therefore, qualifying for the first part of the scope exception in paragraph 815-10-15. The Company evaluated the provisions in its outstanding warrants and determined that warrants issued in connection with the Company's June 2013 registered public offering contains provisions that protect holders from a decline in the issue price of the Company's common stock (or "down-round" provisions) and contain net settlement provisions. Consequently, these warrants are recognized as liabilities at their fair value on the date of grant and remeasured at fair value on each reporting date. All other warrants issued were indexed to the Company's stock and therefore are accounted for as equity instruments for 2015 and 2014.

Share-Based Compensation

Stock options are issued with an exercise price equal to the market price on the date of grant. Stock options issued to directors upon re-election vest quarterly for a period of one year (new director issuances are fully vested upon issuance). Stock options issued to employees vest 25% on the grant date, then 25% each subsequent year for a period of three years. Stock options vest over each three-month period from the date of issuance to the end of the three year period. These options have a ten year life for as long as the individuals remain employees or directors. In general, when an employee or director terminates their position, the options will expire within three months, unless otherwise extended by the Board.

From time to time, the Company issues restricted shares of common stock to vendors and consultants as compensation for services performed. Typically these instruments vest upon issuance and therefore the entire share-based compensation expense is recognized upon issuance to the vendors and/or consultants.

Share-based compensation expense for options, warrants and shares of common stock granted to non-employees has been determined in accordance with FASB ASC 505-50, *Equity-Based Payments to Non-Employees*, and represents the fair value of the consideration received, or the fair value of the equity instruments issued, whichever may be more reliably measured. For options that vest over future periods, the fair value of options granted to non-employees is amortized as the options vest. The fair value is remeasured each reporting period until performance is complete.

For the year ended December 31, 2015 the Company issued 60,534 stock options at a weighted average exercise price of \$11.90 per share. The fair value of options issued during the years ended December 31, 2015 and 2014 was estimated to be \$12.20 and \$14.80 per share, respectively, using the Black-Scholes option-pricing model and the following assumptions:

- a dividend yield of 0%;
- an expected life of 4 years;
- volatilities ranging from 121% 141% and 128% 165% for 2015 and 2014, respectively;

- forfeitures at a rate of 12%; and
- risk-free interest rates ranging from .98% to 1.53% and 1.05% to 1.43% for 2015 and 2014, respectively.

Note 2. Summary of Significant Accounting Policies (cont.)

The weighted average fair value of each option grant made during 2015 and 2014 was estimated on the date of each grant using the Black-Scholes option pricing model and amortized ratably over the option vesting periods, which approximates the service period.

Income Taxes

Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. A valuation allowance is established when it is more likely than not that all or a portion of a deferred tax asset will not be realized. A review of all available positive and negative evidence is considered, including the Company's current and past performance, the market environment in which the Company operates, the utilization of past tax credits, and the length of carryback and carryforward periods. Deferred tax assets and liabilities are measured utilizing tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The Company recognizes accrued interest and penalties associated with uncertain tax positions, if any, as part of income tax expense. There were no tax related interest and penalties recorded for 2015 and 2014. Additionally, the Company has not recorded an asset for unrecognized tax benefits or a liability for uncertain tax positions at December 31, 2015 and 2014.

Earnings Per Share

Basic earnings per share ("EPS") excludes dilution and is computed by dividing income (loss) available to common stockholders by the weighted-average number of common shares outstanding for the period, as adjusted for the reverse stock split of one-for-ten effective October 7, 2016. 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 shared in the earnings of the entity. Since there is a significant number of options and warrants outstanding, fluctuations in the actual market price can have a variety of results for each period presented.

	 r the Year End cember 31, 20		For the Year Ended December 31, 2014			
Numerator:						
Net loss for basic earnings per share	\$ (7,831,230)	\$	(6,706,972)	
Less change in fair value of warrant liability	—			3,436,195		
Net loss for diluted earnings per share	\$ (7,831,230)	\$	(10,143,167)	
Denominator:						
Weighted-average basic common shares outstanding	2,606,577			2,063,842		
Assumed conversion of dilutive securities:						
Common stock purchase warrants	_			294,652		
Denominator for diluted earnings per share – adjusted						
weighted-average						
shares	2,606,577			2,358,494		
Basic net loss per share	\$ (3.00)	\$	(3.25)	
Diluted net loss per share	\$ (3.00)	\$	(4.30)	
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Note 2. Summary of Significant Accounting Policies (cont.)

The following table summarizes potentially dilutive adjustments to the weighted average number of common shares which were excluded from the calculation because their effect would be anti-dilutive.

	For the Year	For the Year
	Ended	Ended
	December 31,	December 31,
	2015	2014
Common stock purchase warrants	492,612	254,614
Stock options	276,861	248,828
Total	769,473	503,442

Shares issuable upon the exercise of options and warrants outstanding at December 31, 2015 and 2014 were 276,861 and 248,828 shares issuable upon the exercise of options, and 492,612 and 726,950 shares issuable upon the exercise of warrants, respectively. The weighted average exercise price of the Company's stock options and warrants outstanding at December 31, 2015 were \$21.30 and \$7.40 per share, respectively.

Use of Estimates and Assumptions

The preparation of financial statements in conformity with accounting principles generally accepted in the U.S. requires management to make estimates and assumptions such as the fair value of warrants and stock options and the useful life of intangibles that affect the reported amounts in the financial statements and accompanying notes. Actual results could differ from those estimates.

Recently Issued Accounting Pronouncements

In August 2014, FASB issued Accounting Standards Update ("ASU") No. 2014-15, "Presentation of Financial Statements — Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern." The amendments in this ASU are intended to define management's responsibility to evaluate whether there is substantial doubt about an entity's ability to continue as a going concern and to provide related footnote disclosures. Specifically, this ASU provides a definition of the term substantial doubt and requires an assessment for a period of one year after the date that the financial statements are issued (or available to be issued). It also requires certain disclosures when substantial doubt is alleviated as a result of consideration of management's plans and requires an express statement and other disclosures when substantial doubt is not alleviated. The new standard will be effective for annual periods ending after December 15, 2016, and interim periods thereafter, with early adoption permitted. The Company is currently evaluating the impact the adoption of this standard will have on the Company's consolidated financial statements and disclosures.

In February 2016, the FASB issued ASU No. 2016-02, "Leases" (topic 842). The FASB issued this update to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The updated guidance is effective for annual periods beginning after December 15, 2018, including interim periods within those fiscal years. Early adoption of the update is permitted. The Company is evaluating the impact of the adoption of this update on our consolidated financial statements and related disclosures.

Note 3. Intangible Assets

The following is a summary of intangible assets which consists of licenses and patents:

	Weighted Average Remaining Amortization Period (Years)	Cos	st		cumulated ortization	Net	Book Value
December 31, 2015							
Licenses	3.8	\$	462,234	\$	333,732	\$	128,502
Patents	1.1		1,893,185		1,832,955		60,230
Total	1.9	\$	2,355,419	\$	2,166,687	\$	188,732
December 31, 2014							
Licenses	4.7	\$	462,234	\$	306,495	\$	155,739
Patents	1.9		1,893,185		1,638,975		254,210
Total	2.6	\$	2,355,419	\$	1,945,470	\$	409,949
Amortization expense was \$221,217 and	1 \$222 563 in 201	5 and	2014 respecti	volu			

Amortization expense was \$221,217 and \$222,563 in 2015 and 2014, respectively.

Based on the balance of licenses and patents at December 31, 2015, the annual amortization expense for each of the succeeding four years is expected to approximate as follows:

Year	Amo	rtization Expense
2016	\$	61,800
2017	\$	61,800
2018	\$	37,300
2019	\$	27,832
License fees and revelty neumants are expensed ensuelly as incurred, as the Company deep	not otte	ibuta any futura

License fees and royalty payments are expensed annually as incurred, as the Company does not attribute any future benefits of such payments.

Note 4. Notes Payable

On July 29, 2015, the Company entered into equity purchase agreements (the "Equity Line Purchase Agreements") and registration rights agreements with certain accredited institutional investors. Under the Equity Line Purchase Agreements, the investors have agreed to purchase from the Company up to an aggregate of \$10 million worth of shares of common stock, from time to time.

In consideration for entering into the Equity Line Purchase Agreements, the Company issued to the investors promissory notes having an aggregate principal amount of \$300,000, which were recorded as stock issuance costs. The promissory notes are payable by April 15, 2016, with an issuance date present value of \$282,071. The promissory notes did not include terms for interest, therefore the interest was imputed at 9%. Total discount amortization of \$10,648 was recorded as interest expense for the year ended December 31, 2015. The discount is being accreted over the term of the promissory notes using the effective interest rate method.

Note 5. Warrant Liability

Warrants issued in connection with the Company's June 2013 registered public offering contain provisions that protect holders from a decline in the issue price of its common stock (or "down-round" provision) and contain net settlement provisions. As a result, the Company accounts for these warrants as liabilities instead of equity instruments. Down-round provisions reduce the exercise or conversion price of a warrant if the Company issues equity shares for a price that is lower than the exercise or conversion price of the warrants. Net settlement provisions allow the holder of the warrant to surrender shares underlying the warrant equal to the exercise price as payment of its exercise price,

Note 5. Warrant Liability (cont.)

instead of exercising the warrant by paying cash. The Company evaluates whether warrants to acquire its common stock contain provisions that protect holders from declines in the stock price or otherwise could result in modification of the exercise price and/or shares to be issued under the respective warrant agreements based on a variable that is not an input to the fair value of a "fixed for fixed" option. As a result of the Company's December 2014 registered public unit offering, the exercise price of warrants outstanding in connection with the public offering completed in June 2013 was adjusted to \$6.10 per share. As a result of the Company's December 2015 drawdown on the Equity Line Purchase Agreement, the exercise price of warrants outstanding in connection with the public offering completed in June 2013 was adjusted to \$5.10 per share.

The Company recognized these warrants as liabilities at their fair value on the date of grant and remeasures them to fair value on each reporting date.

The Company recognized an initial warrant liability for the warrants issued in connection with the registered public offering completed in June 2013 totaling \$4,827,788, which was based on the June 25, 2013 closing price of a share of the Company's common stock as reported on OTC Markets of \$9.60. During the year ended December 31, 2014, 14,300 shares of common were issued upon 58,608 warrants exercised on a cashless basis. On January 22, 2014, 25,000 warrants were exercised and on August 19, 2014, 33,608 warrants were exercised. The fair value of the warrants exercised in 2014, or \$1,055,490 was reclassified from warrant liability to additional paid-in capital on the respective exercise dates. During the year ended December 31, 2015, 168,643 warrants were exercised. The fair value of the warrants exercise dates. On December 31, 2015, the closing price of the Company's common stock as reported on OTC Markets was \$11.30. Due to the fluctuations in the market value of the Company's common stock from December 31, 2015, the Company recognized a non-cash expense of \$1,201,870 for the change in the fair value of the warrant liability for 2015.

Initial Measurement June 25, December 31, December 31, **Exercised During** December 31, 2013 2014 2015 2015 2013 Number of shares underlying the warrants 541.685 530,944 472,336 168.643 303.693 \$ 16.50 \$ 16.50 \$ 6.10 \$ \$ 5.10 Exercise price 6.10 117 – 119 140 % 135 % 128 98 Volatility % % % **Risk-free interest** % % % rate 1.49 1.75 1.38 % ..81 – 1.06 % 1.19 Expected dividend 0 0 0 0 0 vield Expected warrant life (years) 5.0 4.5 3.5 3.01-3.33 2.48 16.90 -\$ 9.60 Stock price \$ 18.00 \$ 9.80 \$ \$22.20 \$ 11.30 Recurring Level 3 Activity and Reconciliation

The assumptions used in connection with the valuation of warrants issued, using the binomial method, were as follows:

The table below provides a reconciliation of the beginning and ending balances for the liability measured at fair value using significant unobservable inputs (Level 3). The table reflects losses for the year ended December 31, 2015 for the financial liability categorized as Level 3 as of December 31, 2015.

Note 5. Warrant Liability (cont.)

Fair Value Measurements Using Significant Unobservable Inputs (Level 3):

			De	crease from				
			Wa	arrants Exercised	Incr	ease in Fair		
	Dec	ember 31, 2014	in 2015		Value		December 31, 2015	
Warrant liability	\$	3,789,562	\$	(2,557,331)	\$	1,201,870	\$	2,434,101
Note 6. Income Taxes								

The income tax benefit consisted of the following for the years ended December 31, 2015 and December 31, 2014:

	201	2015			2014		
Federal	\$			\$	_		
State		(488,933)		(616,872)	
Income tax benefit	\$	(488,933)	\$	(616,872)	
The significant components of the Company's deferred tax assets and liabilities at December 31, 2015 and 2014 are as							
follows:							

	201	15	201	4	
Net operating loss carry forwards	\$	31,216,000	\$	29,594,000	
Orphan drug and research and development credit carry forwards		4,909,000		3,556,000	
Equity based compensation		1,923,000		2,049,000	
Intangibles		2,090,000		2,140,000	
Total		40,138,000		37,339,000	
Valuation allowance		(40,138,000)		(37,339,000)	
Net deferred tax assets	\$	—	\$		

The Company has gross NOLs at December 31, 2015 of approximately \$90,891,000 for federal tax purposes and approximately \$5,273,000 of New Jersey NOL carry forwards remaining after the sale of unused net operating loss carry forwards, portions of which will begin to expire in 2018. In addition, the Company has \$4,909,000 of various tax credits which expire from 2018 to 2034. The Company may be able to utilize its NOLs to reduce future federal and state income tax liabilities. However, these NOLs are subject to various limitations under Internal Revenue Code ("IRC") Section 382. IRC Section 382 limits the use of NOLs to the extent there has been an ownership change of more than 50 percentage points. In addition, the NOL carry forwards are subject to examination by the taxing authority and could be adjusted or disallowed due to such exams. Although the Company has not undergone an IRC Section 382 analysis, it is likely that the utilization of the NOLs may be substantially limited.

The Company and one or more of its subsidiaries files income tax returns in the U.S. Federal jurisdiction, and various state and local jurisdictions. During the years ended December 31, 2015 and 2014, in accordance with the State of New Jersey's Technology Business Tax Certificate Program, which allowed certain high technology and biotechnology companies to sell unused net operating loss carryforwards to other New Jersey-based corporate taxpayers, the Company sold New Jersey net operating loss carryforwards, resulting in the recognition of \$488,933 and \$616,872 of income tax benefit, net of transaction costs, respectively. There can be no assurance as to the continuation or magnitude of this program in the future.

Note 6. Income Taxes (cont.)

Reconciliations of the difference between income tax benefit computed at the federal and state statutory tax rates and the provision for income tax benefit for the years ended December 31, 2015 and 2014 were as follows:

	2015		2014	
Income tax loss at federal statutory rate	(34.00)%	(34.00)%
State tax benefits, plus sale of NJ NOLs, net of federal benefit	(6.00)	(6.00)
Subtotal	(40.00)	(40.00)
Valuation allowance	34.12		31.58	
Income tax benefit	(5.88)%	(8.42)%
Note 7. Shareholders' Deficiency				

Preferred Stock

The Company has 350,000 shares of preferred stock authorized, none of which are issued or outstanding.

Common Stock

The following items represent transactions in the Company's common stock for the year ended December 31, 2015:

• In February 2015, the Company issued 70,179 shares of common stock in connection with the exercise of stock warrants;

• In March 2015, the Company issued 48,200 shares of common stock in connection with the exercise of stock warrants;

• In March 2015, the Company issued 15,301 shares of common stock pursuant to the Lincoln Park facility;

• In April 2015, the Company issued 35,679 shares of common stock in connection with the exercise of stock warrants;

• In April 2015, the Company issued 812 shares of common stock in connection with the exercise of stock options;

• In May 2015, the Company issued 7,636 shares of common stock pursuant to the Lincoln Park facility;

• In June 2015, the Company issued 38,425 shares of common stock pursuant to the Lincoln Park facility;

• In June 2015, the Company issued 19,871 shares of common stock in connection with the exercise of stock warrants;

• In July 2015, the Company issued 714 shares of common stock in connection with the exercise of stock warrants;

• In September 2015, the Company issued 60,954 shares of common stock pursuant to an Equity Line Purchase Agreement;

- In September 2015, the Company issued 2,500 shares of common stock in connection with the exercise of stock options;
- In October 2015, the Company issued 15,184 shares of common stock pursuant to the Lincoln Park facility;
- In November 2015, the Company issued 7,589 shares of common stock pursuant to the Lincoln Park facility;

Note 7. Shareholders' Deficiency (cont.)

- In December 2015, the Company issued 393,623 shares of common stock pursuant to an Equity Line Purchase Agreement;
- In nine separate transactions, the Company issued 16,628 fully vested shares of common stock as partial consideration for services performed.

The following items represent transactions in the Company's common stock for the year ended December 31, 2014:

• In January 2014, the Company issued 7,788 shares of common stock in connection with the cashless exercise of 25,000 stock warrants;

• In March 2014, the Company issued 7,694 shares of common stock pursuant to the Lincoln Park facility;

- In April 2014, the Company issued 7,691 shares of common stock pursuant to the Lincoln Park facility;
- In May 2014, the Company issued 4,307 shares of common stock upon the execution of an agreement to evaluate specific oncology technology;
- In May 2014, the Company issued 2,917 shares of common stock upon the exercise of vested stock options;
- In July 2014, the Company issued 7,690 shares of common stock pursuant to the Lincoln Park facility;
- In July 2014, the Company issued 750 shares of common stock upon the exercise of vested stock options;
- In August 2014, the Company issued 6,512 shares of common stock with the cashless exercise of 33,608 stock warrants;
- In September 2014, the Company issued 184,911 shares of common stock in connection with the Hy BioPharma Acquisition of in process research and development.

• In December 2014, the Company issued 188,653 shares of common stock and 116,932 warrants pursuant to a registered direct unit offering of common stock and warrants. The Company received net proceeds of \$1,937,894 from this offering.

• In four separate transactions, the Company issued 12,100 shares of common stock as partial consideration for services performed.

Equity Line Purchase Agreement

On July 29, 2015, the Company entered into the Equity Line Purchase Agreements and a registration rights agreements with accredited institutional investors, Kodiak Capital Group, LLC ("Kodiak Capital"), Kingsbrook Opportunities Master Fund LP ("Kingsbrook") and River North Equity, LLC ("River North" and, together with Kodiak Capital and Kingsbrook, the "Investors"). Under the Equity Line Purchase Agreements, the Investors agreed to purchase from the Company up to an aggregate of \$10 million worth of shares of common stock, from time to time. In accordance with the registration rights agreements, the Company has filed with the U.S. SEC a registration statement to register for resale under the Securities Act of 1933, as amended, the shares of common stock that may be issued to

the Investors under the Equity Line Purchase Agreements.

From the date that the SEC declared the registration statement effective, in August 2015, until December 31, 2016, the Company has the right to sell up to \$5 million, \$4 million and \$1 million worth of shares of common stock to Kodiak Capital, Kingsbrook and River North, respectively. The Company will control the timing and amount of future sales, if any, of common stock to the Investors under the Equity Line Purchase Agreements. The purchase price of the shares will be equal to eighty percent (80%) of the lowest daily volume weighted average price of the common stock for any trading day during the five consecutive trading days immediately following the date of the Company's notice to the Investors requesting the purchase. There is no minimum amount that the Company may require the Investors to purchase at any one time. The Company may not require the Investors to purchase more than \$3 million

Note 7. Shareholders' Deficiency (cont.)

worth of shares of common stock during any seven day period and may not require any of the Investors to purchase shares of common stock if such purchase would result in such Investor's beneficial ownership exceeding 9.99% of the outstanding common stock.

The Equity Line Purchase Agreements contain customary representations, warranties, covenants, closing conditions, and indemnification and termination provisions. Each of the Investors has covenanted not to cause or engage in any manner whatsoever any direct or indirect short selling of the common stock.

In consideration for entering into the Equity Line Purchase Agreements, the Company issued to each of the Investors a promissory note having a principal amount equal to 3% of the total amount committed by such Investor. The principal amount due under the promissory notes does not accrue interest and is payable by April 15, 2016 (see Note 4).

The Equity Line Purchase Agreements may be terminated by the Company at any time at its discretion without any cost to the Company.

The initial drawdown under the Equity Line Purchase Agreements was \$500,000 offset by issuance cost of \$453,162, which is included in the Consolidated Statements of Changes in Shareholders' Deficiency. Issuance costs include professional fees, 3% commitment fee (promissory notes payable by April 15, 2016) and SEC filing fees.

In December 2015, a second drawdown was made, whereby under the Equity Line Purchase Agreements, the Company issued 393,624 shares of common stock receiving proceeds of \$2,000,000.

On March 7, 2016, in accordance with the terms of the Equity Line Purchase Agreements, the Company exercised its right to terminate the Purchase Agreements upon written notice to the Investors. The Company did not incur any penalties as a result of this termination.

Equity Line

In November 2013, the Company entered into a common stock purchase agreement with Lincoln Park Capital Fund, LLC ("Lincoln Park"). The Lincoln Park equity facility allows the Company to require Lincoln Park to purchase up to 7,500 shares ("Regular Purchase") of the Company's common stock every two business days, up to an aggregate of \$10.6 million over approximately a 36-month period depending on certain conditions, including the quoted market price of the Company's common stock on such date. The purchase price for the Regular Purchase shall be equal to the lesser of (i) the lowest sale price of the common shares during the purchase date, or (ii) the average of the three lowest closing sale prices of common shares during the twelve business days prior to the purchase date. Each Regular Purchase shall not exceed \$750,000. Furthermore, for each additional purchase by Lincoln Park, additional commitment shares in commensurate amounts up to a total of 12,207 shares will be issued based upon the relative proportion of the aggregate amount of \$10.0 million. The Regular Purchase amount may be increased up to 10,000 shares of common stock if the closing price of the common shares is not below \$25.00. In addition to the Regular Purchase and provided that the closing price of the common shares is not below \$15.00 on the purchase date, the Company in its sole discretion may direct Lincoln Park on each purchase date to purchase on the next stock trading day ("Accelerate Purchase Date") additional shares of Company stock up to the lesser of (i) two times the number of shares purchased following a Regular Purchase or (ii) 30% of the trading volume of shares traded on the Accelerated Purchase Date as a price equal to the lesser of the closing sale price on the Accelerated Purchase Date or 95% of the Accelerated Purchase Date's volume weighted average price.

During the year ended December 31, 2014, in three separate transactions, the Company sold 22,500 shares of common stock and issued 575 commitment shares receiving net proceeds of \$470,475. During the year ended December 31, 2015, in nine separate transactions, the Company sold 82,500 shares of common stock and issued 1,635 commitment shares receiving net proceeds of \$1,339,177.

Note 8. Stock Option Plans and Warrants to Purchase Common Stock

Stock Option Plans

The Amended and Restated 2005 Equity Incentive Plan was replaced by the 2015 Equity Incentive Plan ("2015 Plan"), approved in June 2015, and is divided into four separate equity programs:

1) the Discretionary Option Grant Program, under which eligible persons may, at the discretion of the Plan Administrator, be granted options to purchase shares of common stock,

2) the Salary Investment Option Grant Program, under which eligible employees may elect to have a portion of their base salary invested each year in options to purchase shares of common stock,

3) the Automatic Option Grant Program, under which eligible nonemployee Board members will automatically receive options at periodic intervals to purchase shares of common stock, and

4) the Director Fee Option Grant Program, under which non-employee Board members may elect to have all, or any portion, of their annual retainer fee otherwise payable in cash applied to a special option grant.

The 2005 Equity Incentive Plan ("2005 Plan") also was divided into four separate equity programs:

1) the Discretionary Option Grant Program, under which eligible persons may, at the discretion of the Plan Administrator, be issued common stock or granted options to purchase shares of common stock,

2) the Salary Investment Option Grant Program, under which eligible employees may elect to have a portion of their base salary invested each year in options to purchase shares of common stock,

3) the Automatic Option Grant Program, under which eligible nonemployee Board members will automatically receive options at periodic intervals to purchase shares of common stock, and

4) the Director Fee Option Grant Program, under which non-employee Board members may elect to have all, or any portion, of their annual retainer fee otherwise payable in cash applied to a special option grant.

In addition, under the 2005 Plan, the Board may elect to pay certain consultants, directors, and employees in common stock. The 2005 Plan was amended in September 2007 to increase the number of options available under the plan to 100,000, in 2010 to increase the number of shares under the plan to 175,000 and again in 2013 to increase the number shares available under the plan to 300,000. The 2015 Plan was approved in June 2015 with 300,000 shares available under the plan.

The table below accounts only for transactions occurring as part of the 2015 Plan.

Shares available for grant at plan approval Options granted	December 31, 2015 300,000 (47,700)	2014
Shares available for grant at end of year F-36	252,300	—

Note 8. Stock Option Plans and Warrants to Purchase Common Stock (cont.)

The total option activity for the amended 2005 Plan and the 2015 Plan for the years ended December 31, 2015 and 2014 was as follows:

	Options	Weighted Averag Options Exercise Price	
Balance at December 31, 2013	205,151	\$	26.30
	· ·	φ	
Granted	63,750		17.90
Exercised	(3,667)		7.70
Forfeited	(16,406)		31.30
Balance at December 31, 2014	248,828	\$	24.00
Granted	60,534		11.90
Exercised	(3,312)		5.80
Forfeited	(29,189)		31.30
Balance at December 31, 2015	276,861	\$	21.30

As of December 31, 2015, there were 208,220 options exercisable with a weighted average exercise price of \$23.30, a weighted average remaining contractual term of 7.28 years and an intrinsic value of \$256,347. The intrinsic value of options exercised during the years ended December 31, 2015 and 2014 was \$18,181 and \$47,241, respectively. As of December 31, 2015, there were 276,861 options outstanding and expected to vest with a weighted average exercise price of \$21.30, weighted average remaining term of 7.28 years and an intrinsic value of \$257,369. The aggregate intrinsic value represents the total pre-tax intrinsic value (the difference between the closing price of our common stock on the last trading day on December 31, 2015 and the exercise price, multiplied by the number of in-the-money options) what would have been received by the option holders had all option holders exercised their options on December 31, 2015. This amount changes based on the fair market value of our common stock.

The Company awarded 60,534 and 63,750 stock options to new employees and existing Board members during the years ended 2015 and 2014, respectively. During the year ended 2015, under the 2005 Equity Incentive Plan, 2,900 option grants were issued to employees and 9,934 option grants were issued to Board members, and under the 2015 Equity Incentive Plan 47,700 option grants were issued to employees.

The weighted-average exercise price, by price range, for outstanding options to purchase common stock at December 31, 2015 was:

	Weighted Average Remaining		
	Contractual Life	Outstanding	Exercisable
Price Range	in Years	Options	Options
\$3.00 - \$22.00	8.03	217,084	148,443
\$22.60 - \$41.00	5.36	17,477	17,477
\$46.40 - \$94.00	3.22	42,300	42,300
Total	7.28	276,861	208,220
The Company's share-based compensation expense for the	years ended Decer	nber 31, 2015 and	2014 was recognized
as follows:			

Share-based Compensation	2015	2014

Research and Development	\$	260,204	\$	308,847
General and Administrative		394,277		411,303
Total	\$	654,481	\$	720,150
At December 31, 2015, the total compensation cost for stock options	not yet	recognized was	approxii	mately \$773,197
and will be expensed over the next three years.				

Note 8. Stock Option Plans and Warrants to Purchase Common Stock (cont.)

Warrants to Purchase Common Stock

Warrant activity for the years ended December 31, 2015 and 2014 was as follows:

				ghted Average rrant Exercise	
	Warrants		Price	•	
Balance at December 31, 2013	815,653		\$	21.70	
Granted	116,932			14.80	
Exercised	(58,608)		16.50	
Expired	(147,027)		34.90	
Balance at December 31, 2014	726,950		\$	11.50	
Exercised	(174,643)		6.40	
Expired	(59,695)		55.90	
Balance at December 31, 2015	492,612		\$	7.40	
The second state of the se	4	1	21 2015		

The weighted-average remaining life, by price range, for outstanding warrants at December 31, 2015 was:

	Weighted		
	Average		
	Remaining		
	Contractual Life	Outstanding	Exercisable
Price Range	in Years	Warrants	Warrants
\$5.10 - \$5.30	2.4	381,180	381,180
\$14.80 - \$20.50	4.0	111,432	111,432
Total	2.7	492,612	492,612
Note 9. Concentrations			

At December 31, 2015 and 2014, the Company had deposits in major financial institutions that exceeded the amount under protection by the Securities Investor Protection Corporation ("SIPC"). Currently, the Company is covered up to \$1,000,000 by the SIPC and at times maintains cash balances in excess of the SIPC coverage.

Note 10. Commitments and Contingencies

The Company has commitments of approximately \$500,000 at December 31, 2015 for several licensing agreements with consultants and universities. Additionally, the Company has collaboration and license agreements, which upon clinical or commercialization success, may require the payment of milestones of up to \$7.9 million and/or royalties up to 6% of net sales of covered products, if and when achieved. However, there can be no assurance that clinical or commercialization success will occur. As of December 31, 2015 no milestones or royalty payments have been paid or accrued.

In December 2014, the Company entered into a lease agreement through May 31, 2018 for existing and expanded office space. The rent for the first 12 months was approximately \$12,300 per month, or approximately \$20.85 per square foot. This rent increased to approximately \$12,375 per month, or approximately \$20.95 per square foot, for the next 12 months and will increase to approximately \$12,460 per month, or approximately \$21.13 per square foot for the remainder of the lease. The Company paid rent expense in the amount of \$142,935 and \$94,400 for 2015 and 2014, respectively.

On September 3, 2014, the Company entered into an asset purchase agreement with Hy Biopharma, Inc. ("Hy Biopharma") pursuant to which the Company acquired certain intangible assets, properties and rights of Hy Biopharma related to the development of Hy BioPharma's synthetic hypericin product. As consideration for the assets acquired, the

Note 10. Commitments and Contingencies (cont.)

Company paid \$275,000 in cash and issued 184,911 shares of common stock with a fair value based on the Company's stock price on the date of grant of \$3,750,000. These amounts were charged to research and development expense during the third quarter of 2014 as the assets will be used in the Company's research and development activities and do not have alternative future use pursuant to generally accepted accounting principles in the United States. Provided all future success-oriented milestones are attained, the Company will be required to make additional payments of up to \$10.0 million, if and when achieved. Payments will be payable in restricted securities of the Company provided that Hy BioPharma's ownership is not to exceed 19.9% of the Company's outstanding stock. As of December 31, 2015, no milestone payments have been paid or accrued.

In February 2007, the Company's Board of Directors authorized the issuance of 5,000 shares of the Company's common stock to Dr. Schaber immediately prior to the completion of a transaction, or series or a combination of related transactions, negotiated by its Board of Directors whereby, directly or indirectly, a majority of its capital stock or a majority of its assets are transferred from the Company and/or its stockholders to a third party. Dr. Schaber's amended employment agreement includes the Company's obligation to issue such shares if such event occurs.

As a result of the above agreements, the Company has future contractual obligations over the next five years as follows:

	Resea	arch and	Prope	erty and Other		
Year	Deve	lopment	Lease	es	Total	
2016	\$	100,000	\$	157,000	\$	257,000
2017		100,000		151,000		251,000
2018		100,000		52,000		152,000
2019		100,000				100,000
2020		100,000				100,000
Total	\$	500,000	\$	360,000	\$	860,000
Note 11. Operating Segments						

The Company maintains two active operating segments: BioTherapeutics and Vaccines/BioDefense. Each segment includes an element of overhead costs specifically associated with its operations, with its corporate shared services group responsible for support functions generic to both operating segments.

	For the Years Ended December 31, 2015	2014
Revenues	2015	2014
Vaccines/BioDefense	\$ 8,754,418	\$ 6,756,388
BioTherapeutics	13,972	286,628
Total	\$ 8,768,390	\$ 7,043,016
Income (Loss) from Operations		
Vaccines/BioDefense	\$ 1,263,709	\$ 807,164
BioTherapeutics	(4,487,988)	(7,674,381)
Corporate	(3,885,997)	(3,894,132)
Total	\$ (7,110,276)	\$ (10,761,349)

Amortization and Depreciation Expense		
Vaccines/BioDefense	\$ 39,925	\$ 39,625
BioTherapeutics	199,661	199,196
Corporate	7,872	6,966
Total	\$ 247,458	\$ 245,787
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Note 11. Operating Segments (cont.)

	For the Years Ended December 31,				
	201		2014		
Other Income (Expense), Net					
Corporate	\$	(1,209,887)	\$	3,437,505	
Share-Based Compensation					
Vaccines/BioDefense	\$	111,960	\$	114,920	
BioTherapeutics		148,244		193,926	
Corporate		394,277		411,304	
Total	\$	654,481	\$	720,150	
	Δ	s of			
		ecember 31,			
)15	2014		
Identifiable Assets			_011		
Vaccines/BioDefense	\$	2,123,676	\$	1,025,220	
BioTherapeutics		76,183		204,308	
Corporate		5,187,263		5,724,720	
Total	\$	7,387,122	\$	6,954,248	
Note 12. Subsequent Events					

The Company entered into a purchase agreement with Lincoln Park on March 22, 2016 pursuant to which Lincoln Park has committed to purchase up to \$12 million of the Company's common stock. Concurrently with the execution of the purchase agreement, the Company issued 10,000 shares of its common stock to Lincoln Park as a partial fee for its commitment to purchase shares of the Company's common stock under the purchase agreement. The shares that may be sold pursuant to the purchase agreement may be sold by the Company to Lincoln Park at the Company's discretion from time to time over the remaining term of approximately 36 months, once the registration statement registering the resale of the shares of common stock sold to Lincoln Park under the purchase agreement is declared effective by the SEC. The purchase price for the shares that the Company may sell to Lincoln Park under the purchase agreement will fluctuate based on the price of the Company's common stock.

The Company has the right to control the timing and amount of any sales of its shares to Lincoln Park, except that, pursuant to the terms of the agreements with Lincoln Park, the Company would be unable to sell shares to Lincoln Park that would cause Lincoln Park to beneficially own more than 4.99% of the Company's issued and outstanding common stock. Sales of the Company's common stock, if any, to Lincoln Park will depend upon market conditions and other factors to be determined by the Company.

The Company's board of directors and stockholders approved a one-for-ten reverse split of the Company's common stock, which was effected on October 7, 2016. The reverse split combined every ten shares of the Company's issued and outstanding common stock into one share of common stock and correspondingly adjusted the number of shares issuable and the exercise prices under its outstanding options and warrants. No fractional shares were issued in connection with the reverse split, and any fractional shares resulting from the reverse split were rounded up to the nearest whole share. The reverse split was effective upon filing of the Certificate of Amendment to the Second Amended and Restated Certificate of Incorporation on October 7, 2016. The Company has reflected the effect of the

one-for-ten reverse split of its common stock (and the corresponding adjustment of the number of shares issuable and the exercise prices under its outstanding options and warrants) in these financial statements as if it had occurred at the beginning of the earliest period presented.

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Shareholders

Soligenix, Inc.

We have audited the accompanying consolidated balance sheets of Soligenix, Inc. and subsidiaries (the "Company") as of December 31, 2015 and 2014, and the related consolidated statements of operations, shareholders' deficiency, and cash flows for each of the years then ended. The financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Soligenix, Inc. and subsidiaries as of December 31, 2015 and 2014, and the consolidated results of their operations and their cash flows for each of the years then ended, in conformity with accounting principles generally accepted in the United States of America.

/s/ EisnerAmper LLP

Philadelphia, PA

March 24, 2016, except for the effects of the reverse split of the Company's common stock discussed in Note 12 to the consolidated financial statements, as to which the date is October 7, 2016

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Up to \$9 Million Shares Common Stock plus Warrants to Purchase Shares of Common Stock

PROSPECTUS

Sole Book-Running Manager

Aegis Capital Corp

Co-Manager

Maxim Group LLC

, 2016

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 13. Other Expenses of Issuance and Distribution.

The following table sets forth the estimated costs and expenses of the Registrant in connection with the offering described in the registration statement. All of the amounts shown are estimated except for the SEC registration fee.

SEC registration fee	\$1,977.07
FINRA filing fee	\$4,763.00
Nasdaq listing fees	\$42,000.00
Legal fees and expenses	\$130,000.00
Accounting fees and expenses	\$57,000.00
Miscellaneous	\$139,259.93

TOTAL\$375,000ITEM 14. Indemnification of Directors and Officers.

Section 145(a) of the Delaware General Corporation Law provides, in general, that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation), because he or she is or was a director, officer, employee or agent of the corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding, if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful.

Section 145(b) of the Delaware General Corporation Law provides, in general, that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor because the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification shall be made with respect to any claim, issue or matter as to which he or she shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or other adjudicating court determines that, despite the adjudication of liability but in view of all of the circumstances of the case, he or she is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or other adjudicating court shall deem proper.

Section 145(g) of the Delaware General Corporation Law provides, in general, that a corporation may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of his or her status as such, whether or not the corporation would have the power to indemnify the person against such liability under Section 145 of the Delaware General Corporation Law.

Section 102(b)(7) of the Delaware General Corporation Law grants the Company the power to limit the personal liability of its directors to the Company or its stockholders for monetary damages for breach of a fiduciary duty. Article X of the Company's Certificate of Incorporation, as amended, provides for the limitation of personal liability of the directors of the Company as follows:

"A Director of the Corporation shall have no personal liability to the corporation or its stockholders for monetary damages for breach of his fiduciary duty as a Director; provided, however, this Article shall not eliminate or limit the liability of a Director (i) for any breach of the Director's duty of loyalty to the Corporation or its stockholders; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; (iii) for the unlawful payment of dividends or unlawful stock repurchases under Section 174 of the General Corporation Law of the State of Delaware; or (iv) for any transaction from which the Director derived an improper personal benefit. If the General Corporation Law is amended after approval by the stockholders of this Article to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the Corporation shall be eliminated or limited to the fullest extent permitted by the General Corporation Law of the State of Delaware, as so amended."

Article VIII of the Company's Bylaws, as amended and restated, provide for indemnification of directors and officers to the fullest extent permitted by Section 145 of the Delaware General Corporation Law.

The Company has a directors' and officers' liability insurance policy.

The above discussion is qualified in its entirety by reference to the Company's Certificate of Incorporation and Bylaws.

ITEM 15. Recent Sales of Unregistered Securities.

On November 18, 2013, the Company entered into a purchase agreement with Lincoln Park Capital Fund, LLC ("Lincoln Park"). Pursuant to the terms of the agreement, the Company may require Lincoln Park to purchase between 7,500 and 10,000 shares of common stock depending on certain conditions, up to a total of \$10,600,000 over approximately a 36-month period. The purchase price of the shares of common stock will be based on the market price of our common stock immediately preceding the time of sale as computed under the purchase agreement without any fixed discount. The Company does not have the right to require Lincoln Park to purchase shares of common stock in the event that the price of the common stock is less than \$10.00 per share.

Pursuant to the purchase agreement, the Company issued to Lincoln Park 9,766 shares of common stock as a partial commitment fee, and 28,572 shares of common stock for an aggregate price of \$600,000. From November 2013 through November 10, 2016, the Company has sold Lincoln Park 105,000 more shares of common stock for an aggregate price of approximately \$1,809,652 million and issued to Lincoln Park 2,210 additional shares of common stock as a commitment fee. Such securities were issued pursuant to an exemption provided by Section 4(a)(2) of the Securities Act of 1933, as amended, and Rule 506 of Regulation D promulgated thereunder. Lincoln Park represented to the Company that it is an "accredited investor" as defined in Rule 501(a) of Regulation D promulgated under the Securities Act; is knowledgeable, sophisticated and experienced in making investment decisions of this kind; and received adequate information about the Company or had adequate access to information about the Company.

On January 2, 2014, the Company issued 600 shares of its common stock to a consultant as partial consideration for services performed. The per share closing price of the Company's common stock on January 2, 2014 was \$19.90. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On February 21, 2014, the Company issued 5,000 shares of its common stock to a consultant as partial consideration for services performed. The per share closing price of the Company's common stock on February 21, 2014 was \$21.90. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business

relationship with the Company, to information about the Company.

On February 24, 2014, the Company issued 1,500 shares of its common stock to a consultant as partial consideration for services performed. The per share closing price of the Company's common stock on February 24, 2014 was \$21.40. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On May 6, 2014, the Company issued 4,307 shares of its common stock upon execution of an option agreement to purchase certain assets related to the development of a synthetic hypericin product candidate for the treatment of cutaneous T-cell lymphoma. The per share closing price of the Company's common stock on May 6, 2014 was \$19.80. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On August 21, 2014, the Company issued 5,000 shares of its common stock to a consultant as partial consideration for services performed. The per share closing price of the Company's common stock on August 21, 2014 was 20.50. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On September 3, 2014, the Company issued 184,911 shares of its common stock as partial payment for the purchase of certain assets related to the development of a synthetic hypericin product candidate for the treatment of cutaneous T-cell lymphoma. The per share closing price of the Company's common stock on September 3, 2014 was \$20.40. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On January 7, 2015, the Company issued 600 shares of its common stock valued at \$12.10 per share to a vendor as consideration for services rendered. The per share closing price of the Company's common stock on January 7, 2015 was \$11.20. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On January 12, 2015, the Company issued 1,000 shares of its common stock valued at \$12.10 per share to a vendor as consideration for services rendered. The per share closing price of the Company's common stock on January 12, 2015 was \$11.50. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On February 19, 2015, the Company issued 5,000 shares of its common stock valued at \$16.40 per share to a vendor as consideration for services rendered. The per share closing price of the Company's common stock on February 19, 2015 was \$16.40. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The vendor is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the vendor's business relationship with the Company, to information about the Company.

On April 16, 2015, the Company issued 1,000 shares of its common stock valued at \$15.30 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on April 13, 2015 was \$15.30. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On May 12, 2015, the Company issued 124 shares of its common stock valued at \$16.90 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on May 12, 2015 was \$14.50. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On July 29, 2015, the Company entered into purchase agreements with Kodiak Capital Group, LLC ("Kodiak Capital"), Kingsbrook Opportunities Master Fund LP ("Kingsbrook") and River North Equity, LLC ("River North"). Pursuant to the terms of the agreements, the Company may require Kodiak Capital, Kingsbrook and River North to purchase up to a total of \$5 million, \$4 million and \$1 million worth of shares of common stock of the Company, respectively, until December 31, 2016, provided certain conditions are met. The purchase price of the shares of common stock will be equal to 80% of the lowest daily volume weighted average price of the Company's common stock for the five consecutive trading days immediately following the Company's request for the purchase of the shares. Such securities will be issued pursuant to an exemption provided by Section 4(a)(2) of the Securities Act of 1933, as amended, and Rule 506 of Regulation D promulgated thereunder. Each of the investors represented to the Company that it (i) is an "accredited investor" as defined in Rule 501(a) of Regulation D promulgated under the Securities Act of 1933, as amended, (ii) is knowledgeable, sophisticated and experienced in making investment decisions of this kind, and (iii) has had adequate access to information about the Company.

On August 31, 2015, the Company issued 5,000 shares of its common stock valued at \$14.30 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on August 31, 2015 was \$14.30. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On October 26, 2015, the Company issued 2,404 shares of its common stock valued at \$10.40 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on October 26, 2015 was \$10.40. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On December 31, 2015, the Company issued 1,000 shares of its common stock valued at \$11.30 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on December 31, 2015 was \$11.30. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On December 31, 2015, the Company issued 500 shares of its common stock valued at \$11.30 per share to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on December 31, 2015 was \$11.30. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On March 22, 2016, the Company entered into a purchase agreement with Lincoln Park. Pursuant to the terms of the agreement, the Company may require Lincoln Park to purchase up to a total of \$12 million worth of common stock over approximately a 36-month period. The purchase price of the shares of common stock will be based on the market price of our common stock immediately preceding the time of sale as computed under the purchase agreement without any fixed discount. The Company does not have the right to require Lincoln Park to purchase shares of common stock in the event that such sale would result in Lincoln Park's beneficial ownership exceeding 4.99% of the then outstanding shares of the Company's common stock.

Pursuant to the purchase agreement, the Company issued to Lincoln Park 10,000 shares of common stock as a partial commitment fee. Since March 2016, the Company has sold Lincoln Park 260,000 shares of common stock for an

aggregate price of approximately \$1.7 million and issued to Lincoln Park 7,135 additional shares of common stock as a commitment fee. Such securities were issued pursuant to an exemption provided by Section 4(a)(2) of the Securities Act of 1933, as amended, and Rule 506 of Regulation D promulgated thereunder. Lincoln Park represented to the Company that it is an "accredited investor" as defined in Rule 501(a) of Regulation D promulgated under the Securities Act; is knowledgeable, sophisticated and experienced in making investment decisions of this kind; and received adequate information about the Company or had adequate access to information about the Company.

On May 31, 2016, the Company issued 5,000 shares of its common stock to a consultant as consideration for services rendered. The per share closing price of the Company's common stock on May 31, 2016 was \$7.30. The issuance of these shares was exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended. The consultant is knowledgeable, sophisticated and experienced in making investment decisions of this kind and received adequate information about the Company or had adequate access, including through the consultant's business relationship with the Company, to information about the Company.

On September 9, 2016, the Company and SciClone Pharmaceuticals, Inc. ("SciClone") entered into an exclusive license agreement, pursuant to which the Company granted rights to SciClone to develop, promote, market, distribute and sell SGX942 in the People's Republic of China, including Hong Kong and Macau, as well as Taiwan, South Korea and Vietnam. Under the terms of the license agreement, SciClone will be responsible for all aspects of development, product registration and commercialization in the territory, having access to data generated by the Company. In exchange for exclusive rights, SciClone will pay to the Company royalties on net sales, and the Company will supply commercial drug product to SciClone on a cost-plus basis, while maintaining worldwide manufacturing rights.

The Company also entered into a common stock purchase agreement with SciClone pursuant to which the Company sold 352,942 shares of the Company's common stock, to SciClone for approximately \$8.50 per share, for an aggregate price of \$3,000,000. As part of the transaction, the Company granted SciClone certain demand registration rights, and SciClone agreed, subject to certain exceptions, not to pledge, sell or otherwise transfer or dispose of, or enter into any swap or other arrangement that transfers any of the economic consequences of ownership of, the shares purchased for at least one year from September 9, 2016.. The sale of securities pursuant to the purchase agreement was exempt from registration pursuant to the provisions of Section 4(a)(2) of the Securities Act of 1933, as amended, and Rule 506 of Regulation D promulgated thereunder. SciClone represented to the Company that it (i) is an "accredited investor" as defined in Rule 501(a) of Regulation D promulgated under the Securities Act of 1933, as amended, (ii) is knowledgeable, sophisticated and experienced in making investment decisions of this kind, and (iii) has had adequate access to information about the Company.

ITEM 16. Exhibits and Financial Statement Schedules.

1.1	Form of Underwriting Agreement.*
2.1	Agreement and Plan of Merger, dated May 10, 2006 by and among the Company, Corporate Technology Development, Inc., Enteron Pharmaceuticals, Inc. and CTD Acquisition, Inc. (incorporated by reference to Exhibit 2.1 included in our Registration Statement on Form SB-2 (File No. 333-133975) filed on May 10, 2006).
3.1	Second Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 included in our current report on Form 8-K filed on June 22, 2012).
3.2	By-laws (incorporated by reference to Exhibit 3.1 included in our Quarterly Report on Form 10-QSB, as amended, for the fiscal quarter ended June 30, 2003).
3.3	Certificate of Amendment to Second Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 included in our current report on Form 8-K filed on June 22, 2016).
3.4	Certificate of Amendment to Second Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 included in our current report on Form 8-K filed on October 7, 2016).

4.1

Rights Agreement dated June 22, 2007, between the Company and American Stock Transfer & Trust Company, as Rights Agent (incorporated by reference to Exhibit 4.1 included in our current report on Form 8-K filed on June 22, 2007).

4.2 Form of Right Certificate (incorporated by reference to Exhibit 4.2 included in our current report on Form 8-K filed on June 22, 2007).

Form of Warrant issued to each investor in the January 2009 private placement (incorporated by reference to

- 4.3 Exhibit 4.18 included in our Registration Statement on Form S-1 (File No. 333-149239) filed on February 14, 2008).
- 4.4 Form of Warrant issued to each investor in the September 2009 private placement (incorporated by reference to Exhibit 10.2 included in our current report on Form 8-K filed on September 29, 2009).
- 4.5 Warrant dated April 19, 2010, issued to Fusion Capital Fund II, LLC (incorporated by reference to Exhibit 4.10 included in our Post-Effective Amendment to Registration Statement on Form S-1 filed on April 20, 2010).
- 4.6 Form of Common Stock Purchase Warrant issued to each investor in the June 2010 private placement (incorporated by reference to Exhibit 10.2 included in our current report on Form 8-K filed on June 18, 2010).
- Warrant dated December 20, 2012 and issued to Sigma-Tau to purchase 35,707 shares of the Company's
 4.7 common stock (incorporated by reference to Exhibit 10.2 of our current report on Form 8-K filed on December 27, 2012).

Warrant dated December 20, 2012 and issued to SINAF S.A. to purchase 8,781 shares of the Company's
common stock (incorporated by reference to Exhibit 10.3 of our current report on Form 8-K filed on December 27, 2012).

4.9 Warrant dated December 20, 2012 and issued to McDonald to purchase 28,000 shares of the Company's common stock (incorporated by reference to Exhibit 10.6 of our current report on Form 8-K filed on December 27, 2012).