NEOGENOMICS INC Form 8-K August 06, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of Report (Date of earliest event reported) August 6, 2018

NEOGENOMICS, INC. (Exact name of registrant as specified in its charter)

Nevada	001-35756	74-2897368	
(State or other jurisdiction	(Commission	(I.R.S. Employer	•
of incorporation)	File Number)	Identification No).)
12701 Commonwealth Drive, Suite 9, Fort Myers, Florida			
(Address of principal executive offices)			

(Address of principal executive offices)(Zip Code)(239) 768-0600(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) Pre-commencement communications

pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

NeoGenomics, Inc. (the "Company") today announced the public offering of shares of its common stock. A copy of this press release is filed as Exhibit 99.1 hereto and incorporated herein by reference.

The Company has made available an Investor Presentation, which is attached to this Current Report on Form 8-K as Exhibit 99.2 and incorporated herein by reference. The Company expects to present the Investor Presentation, at several upcoming conferences and in connection with the public offering of shares as described above.

This information shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, and it shall not be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(a)Not applicable
(b)Not applicable
(c)Not applicable
(d)Exhibits
99.1 Press Release of NeoGenomics, Inc. dated August 6, 2018.
99.2 Investor Presentation dated August 6, 2018.

Exhibit IndexExhibit No.Description99.1Press Release of NeoGenomics, Inc. dated August 6, 2018.99.2Investor Presentation dated August 6, 2018.

SIGNATURES

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

NEOGENOMICS, INC.

By:/s/ Sharon A. Virag Sharon A. Virag Chief Financial Officer August 6, 2018

r from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than or equal to one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

October 31, 2018

Performance^{2,3}

Portfolio Managers Michael A. Allison, CFA and John H. Croft, CFA of Eaton Vance Management; Christopher M. Dyer, CFA of Eaton Vance Advisers International Ltd.

% Average Annual Total Returns	Inception Date	One Year	Five Years	Ter	Years
Fund at NAV	01/30/2004	1.38%	6.99%		10.71%
Fund at Market Price		2.91	7.14		11.59
MSCI World Index		1.16%	6.80%		10.02%
ICE BofAML Fixed Rate Preferred Securities Index		1.23	6.41		8.16
Blended Index		0.78	6.81		9.78
% Premium/Discount to NAV ⁴					
					7.11%
Distributions ⁵					
Total Distributions per share for the period				\$	1.230
Distribution Rate at NAV					7.35%
Distribution Rate at Market Price					7.92%
% Total Leverage ⁶					
Borrowings					24.98%

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (NAV) or market price (as applicable) with all distributions reinvested and include management fees and other expenses. Fund performance at market price will differ from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than or equal to one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

October 31, 2018

Fund Profile

Common Stock Sector Allocation (% of total investments)

Country Allocation (% of total investments)⁸

Top 10 Holdings (% of total investments)⁷

3.0%
2.4
2.3
2.0
1.6
1.6
1.6
1.4
1.4
1.4
18.7%

See Endnotes and Additional Disclosures in this report.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

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Endnotes and Additional Disclosures

- ¹ The views expressed in this report are those of the portfolio manager(s) and are current only through the date stated at the top of this page. These views are subject to change at any time based upon market or other conditions, and Eaton Vance and the Fund(s) disclaim any responsibility to update such views. These views may not be relied upon as investment advice and, because investment decisions are based on many factors, may not be relied upon as an indication of trading intent on behalf of any Eaton Vance fund. This commentary may contain statements that are not historical facts, referred to as forward looking statements. The Fund s actual future results may differ significantly from those stated in any forward looking statement, depending on factors such as changes in securities or financial markets or general economic conditions, the volume of sales and purchases of Fund shares, the continuation of investment advisory, administrative and service contracts, and other risks discussed from time to time in the Fund s filings with the Securities and Exchange Commission.
- ² MSCI World Index is an unmanaged index of equity securities in the developed markets. MSCI EAFE Index is an unmanaged index of equities in the developed markets, excluding the U.S. and Canada. MSCI Emerging Markets Index is an unmanaged index of emerging markets common stocks. MSCI indexes are net of foreign withholding taxes. Source: MSCI. MSCI data may not be reproduced or used for any other purpose. MSCI provides no warranties, has not prepared or approved this report, and has no liability hereunder. Dow Jones Industrial Average[®] is a price-weighted average of 30 blue-chip stocks that are generally the leaders in their industry. S&P 500[®] Index is an unmanaged index of large-cap stocks commonly used as a measure of U.S. stock market performance. ICE BofAML Fixed Rate Preferred Securities Index is an unmanaged index of fixed-rate, preferred securities issued in the U.S. ICE[®] BofAML[®] indices are not for redistribution or other uses; provided as is , without warranties, and with no liability. Eaton Vance has prepared this report and ICE Data Indices, LLC does not endorse it, or guarantee, review, or endorse Eaton Vance s products. BofAML[®] is a licensed registered trademark of Bank of America Corporation in the United States and other countries. The Blended Index consists of 80% MSCI World Index and 20% ICE BofAML Fixed Rate Preferred Securities Index. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.
- ³ Performance results reflect the effects of leverage. Performance since inception for an index, if presented, is the performance since the Fund s or oldest share class inception, as applicable.
- ⁴ The shares of the Fund often trade at a discount or premium from their net asset value. The discount or premium of the Fund may vary over time and may be higher or lower than what is quoted in this report. For up-to-date premium/discount information, please refer to http://eatonvance.com/closedend.
- ⁵ The Distribution Rate is based on the Fund s last regular distribution per share in the period (annualized) divided by the Fund s NAV or market price at the end of the period. The Fund s distributions may be comprised of amounts characterized for federal income tax purposes as qualified and non-qualified ordinary dividends, capital gains and nondividend distributions, also known as return of capital. For additional information about nondividend distributions, please refer to Eaton Vance Closed-End Fund Distribution Notices (19a) posted on our website, eatonvance.com. The Fund will determine the federal income tax character of distributions paid to a shareholder after the end of the calendar year. This is reported on the IRS form 1099-DIV and provided to the shareholder shortly after each year-end. For information about the tax character of distributions made in prior calendar years, please refer to Performance-Tax Character of Distributions on the Fund s webpage available at eatonvance.com. The Fund s distributions are determined by the investment adviser based on its current assessment of the Fund s long-term return potential. Fund distributions may be affected by numerous factors including changes in Fund performance, the cost of financing for leverage, portfolio holdings, realized and projected returns, and other factors. As portfolio and market conditions change, the rate of distributions paid by the Fund could change.
- ⁶ Total leverage is shown as a percentage of the Fund s aggregate net assets plus borrowings outstanding. The Fund employs leverage through borrowings. Use of leverage creates an opportunity for income, but creates risks including greater price volatility. The cost of borrowings rises and falls with changes in short-term interest rates. The Fund may be required to maintain prescribed asset coverage for its leverage and may be required to reduce its leverage at an inopportune time.

- ⁷ Excludes cash and cash equivalents.
- ⁸ The Fund may obtain exposure to certain market segments through investments in exchange-traded funds (ETFs). For purposes of the chart, the Fund s investments in ETFs are included based on the portfolio composition of each ETF.

Fund profile subject to change due to active management.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

October 31, 2018

Portfolio of Investments

Common Stocks 107.6%		
Security	Shares	Value
Aerospace & Defense 0.8%		
CAE, Inc. ⁽¹⁾	558,908	\$ 9,858,212 \$ 9,858,212
Auto Components 1.0%		
Continental AG ⁽¹⁾	74,813	\$ 12,328,131 \$ 12,328,131
Banks 8.3%		+,,
Banco Santander SA ⁽¹⁾		\$ 9,460,320
Canadian Imperial Bank of Commerce ⁽¹⁾ Citigroup, Inc. ⁽¹⁾	188,744 253,248	16,298,696 16,577,614
ING Groep NV ⁽¹⁾	878,620	10,394,946
$\operatorname{KeyCorp}^{(1)}$	856,652	15,556,800
Nordea Bank AB ⁽¹⁾ Societe Generale SA ⁽¹⁾	701,412 249,585	6,095,884 9,149,221
UniCredit SpA ⁽¹⁾	576,756	7,373,916
Wells Fargo & Co. ⁽¹⁾	275,770	14,679,237 \$ 105,586,634
		\$ 105,580,054
Beverages 3.0%		
Anheuser-Busch InBev SA/NV ⁽¹⁾ Coca-Cola Co. (The) ⁽¹⁾	127,237 312,027	\$ 9,410,615 14,939,853
Diageo PLC ⁽¹⁾	406,194	14,042,743
		\$ 38,393,211
Building Products 1.3%		
Assa Abloy AB, Class B ⁽¹⁾	804,866	\$ 16,009,395 \$ 16,009,395
		¢ 10,009,090
Chemicals 3.4% BASF SE ⁽¹⁾	192 560	¢ 14.096.912
Ecolab. Inc. ⁽¹⁾	183,569 124,305	\$ 14,086,812 19,037,311
Sika AG ⁽¹⁾	84,318	10,811,463
		\$ 43,935,586
Construction & Engineering 0.0%		
Abengoa SA, Class A ⁽¹⁾⁽³⁾	,	\$ 5,888
Abengoa SA, Class B ⁽¹⁾⁽³⁾	3,220,895	13,090 \$ 18,978
Security	Shares	\$ 18,978 Value
Consumer Finance 2.0%		
Discover Financial Services ⁽¹⁾		\$ 10,569,984
Navient Corp. ⁽¹⁾ OneMain Holdings, Inc. ⁽¹⁾⁽³⁾	665,762 276,251	7,709,524 7,878,679
Onevrain Fromings, file, (2022)	270,231	1,010,019

\$ 26,158,187

Diversified Financial Services 1.7% ORIX Corp. ⁽¹⁾	1,346,465	\$ 21,935,253 \$ 21,935,253
Electric Utilities 2.9% Iberdrola SA ⁽¹⁾ NextEra Energy, Inc. ⁽¹⁾	2,080,892 126,132	\$ 14,724,016 21,757,770 \$ 36,481,786
Electrical Equipment 2.9% Legrand SA ⁽¹⁾ Melrose Industries PLC ⁽¹⁾	224,030 10,224,120	\$ 14,629,368 22,008,407 \$ 36,637,775
Electronic Equipment, Instruments & Components 2.7% CDW Corp. ⁽¹⁾ Keyence Corp. ⁽¹⁾	194,081 33,872	\$ 17,469,231 16,547,133 \$ 34,016,364
Energy Equipment & Services 0.6% Halliburton Co. ⁽¹⁾	238,365	\$ 8,266,498 \$ 8,266,498
Entertainment 3.3% Activision Blizzard, Inc. ⁽¹⁾ Walt Disney Co. (The) ⁽¹⁾	293,496 191,921	\$ 20,265,899 22,038,288 \$ 42,304,187
Equity Real Estate Investment Trusts (REITs) 3.0% American Tower Corp. ⁽¹⁾ Equity Residential ⁽¹⁾	177,256 160,192	\$ 27,618,258 10,406,072 \$ 38,024,330
Food Products 0.7% Mondelez International, Inc., Class A ⁽¹⁾	227,615	\$ 9,555,278 \$ 9,555,278

See Notes to Financial Statements.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

October 31, 2018

Portfolio of Investments continued

Security	Shares	Value
Health Care Equipment & Supplies 3.7% Baxter International, Inc. ⁽¹⁾ Boston Scientific Corp. ⁽¹⁾⁽³⁾ Danaher Corp. ⁽¹⁾	173,920 625,580 137,837	\$ 10,871,739 22,608,461 13,700,998 \$ 47,181,198
Health Care Providers & Services 1.7% Anthem, Inc. ⁽¹⁾ UnitedHealth Group, Inc. ⁽¹⁾	48,712 32,888	\$ 13,423,566 8,595,279 \$ 22,018,845
Hotels, Restaurants & Leisure 1.1% Compass Group PLC ⁽¹⁾	685,511	\$ 13,483,174 \$ 13,483,174
Household Products 0.9% Reckitt Benckiser Group PLC ⁽¹⁾	137,320	\$ 11,104,255 \$ 11,104,255
Insurance 4.0% AIA Group, Ltd. ⁽¹⁾ Aviva PLC ⁽¹⁾ Chubb, Ltd. ⁽¹⁾ Prudential PLC ⁽¹⁾	1,300,758 2,780,949 105,487 636,970	\$ 9,894,922 15,197,567 13,176,381 12,754,451 \$ 51,023,321
Interactive Media & Services 5.5% Alphabet, Inc., Class $C^{(1)(3)}$ Facebook, Inc., Class $A^{(1)(3)}$	46,855 133,545	\$ 50,452,058 20,270,796 \$ 70,722,854
Internet & Direct Marketing Retail 3.4% Amazon.com, Inc. ⁽¹⁾⁽³⁾ ZOZO, Inc. ⁽¹⁾	23,999 216,849	\$ 38,350,642 5,203,080 \$ 43,553,722
IT Services 1.0% Visa, Inc., Class A ⁽¹⁾	93,402	\$ 12,875,466 \$ 12,875,466
Leisure Products 1.1% Yamaha Corp. ⁽¹⁾ Security	308,280 Shares	\$ 13,547,171 \$ 13,547,171 Value
Life Sciences Tools & Services 1.4% Lonza Group AG ⁽¹⁾	57,227	\$ 17,994,424

\$ 17,994,424

Machinery 7.0% Atlas Copco AB, Class A ⁽¹⁾ Fortive Corp. ⁽¹⁾ ITT, Inc. ⁽¹⁾ Komatsu, Ltd. ⁽¹⁾ MISUMI Group, Inc. ⁽¹⁾ Parker-Hannifin Corp. ⁽¹⁾ Stanley Black & Decker, Inc. ⁽¹⁾ Xylem, Inc. ⁽¹⁾	297,874 146,144 281,187 494,861 339,731 87,892 90,233 212,768	 7,363,967 10,851,192 14,199,943 12,887,390 6,808,478 13,327,064 10,513,949 13,953,325 \$89,905,308
Metals & Mining 1.4% Rio Tinto, Ltd. ⁽¹⁾	335,628	\$ 18,262,290 \$ 18,262,290
Multi-Utilities 1.4% CMS Energy Corp. ⁽¹⁾	368,789	\$ 18,262,431 \$ 18,262,431
Oil, Gas & Consumable Fuels 6.9% BP PLC ⁽¹⁾ ConocoPhillips ⁽¹⁾ Exxon Mobil Corp. ⁽¹⁾ Phillips 66 ⁽¹⁾ Seven Generations Energy, Ltd., Class A ⁽¹⁾⁽³⁾	3,211,817 237,738 340,967 148,454 523,323	\$ 23,201,261 16,617,886 27,168,251 15,264,040 5,609,091 \$ 87,860,529
Personal Products 1.3% Unilever PLC ⁽¹⁾	305,306	\$ 16,171,944 \$ 16,171,944
Pharmaceuticals7.5%Bayer AG ⁽¹⁾ Eli Lilly & Co. ⁽¹⁾ Eli Lilly & Co. ⁽¹⁾ GlaxoSmithKline PLC ⁽¹⁾ Johnson & Johnson ⁽¹⁾ Novo Nordisk A/S, Class B ⁽¹⁾ Zoetis, Inc. ⁽¹⁾	104,903 146,411 917,570 188,589 242,841 195,772	\$ 8,041,070 15,876,809 17,771,272 26,400,574 10,487,466 17,648,846 \$ 96,226,037

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See Notes to Financial Statements.

Eaton Vance

Tax-Advantaged Global Dividend Income Fund

October 31, 2018

Portfolio of Investments continued

Security	Shares	Value
Professional Services 1.3% Verisk Analytics, Inc. ⁽¹⁾⁽³⁾	140,233	\$ 16,805,523 \$ 16,805,523
Semiconductors & Semiconductor Equipment 2.8% ASML Holding NV ⁽¹⁾ 1 Taiwan Semiconductor Manufacturing Co., Ltd. ADR ⁽¹⁾	133,249 347,908	\$ 22,951,344 13,255,295 \$ 36,206,639

Software 3.2%

The exercise price and the number of shares of common stock purchasable upon the exercise of the warrants are subject to adjustment upon the occurrence of the following events:

Stock Dividends and Splits

If, at any time while the warrant is outstanding, we (i) pay a stock dividend or otherwise make a distribution on shares of common stock or any other equity or equity equivalent securities payable in shares of common stock, (ii) subdivide outstanding shares of common stock into a larger number of shares, (iii) combine outstanding shares of common stock into a smaller number of shares, or (iv) issue by reclassification of common stock any shares of capital stock, then in each such case the exercise price shall be multiplied by a fraction of which the numerator shall be the number of shares of common stock outstanding immediately before such event and of which the denominator shall be the number of shares of common stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate exercise price of the warrant shall remain unchanged.

Subsequent Rights Offerings

If, at any time while the warrant is outstanding, we issue rights, options or warrants to all holders of our common stock entitling them to purchase our common stock at a price per share less than the volume weighted average price on the record date for determining the stockholders who are entitled to such rights, options or warrants, then the exercise price shall be multiplied by a fraction, of which the denominator shall be the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of additional shares of common stock offered for subscription or purchase, and of which the numerator shall be the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares of common stock outstanding on the date of issuance of such rights or warrants plus the number of shares which the aggregate offering price of the total number of shares so offered would purchase at such volume weighted average price.

Pro Rata Distributions

If, at any time while the warrant is outstanding, we distribute evidence of our indebtedness or assets or rights or warrants to purchase any security other than our common stock to all holders of our common stock (distribution), then the exercise price will adjust pursuant to a volume weighted average price based ratio that takes into account the then per share fair market value of the portion of the distribution applicable to one outstanding share of the Common Stock.

Fundamental Transactions

If, at any time while the warrant is outstanding, we (i) consolidate or merge with or into another person or entity, (ii) sell all or substantially all of our assets, (iii) are subject to or complete a tender or exchange offer pursuant to which holders of our common stock are permitted to tender or exchange their shares for other securities, cash or property, or (iv) effect any reclassification of our common stock or any compulsory share exchange pursuant to which our common stock is converted into or exchanged for other securities, cash or property (each, a Fundamental Transaction), then the holders shall have the right thereafter to receive, upon exercise of the warrant, the same amount and kind of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately prior to such Fundamental Transaction). Any successor to us, surviving entity or the corporation purchasing or otherwise acquiring such assets shall issue a new warrant evidencing such holder s right to exercise its warrants into Alternate Consideration.

In the event of certain Fundamental Transactions, the holders of the warrants will be entitled to receive, in lieu of our common stock and at the holders option, cash in an amount equal to the value of the remaining unexercised portion of the warrant on the date of the transaction determined using a Black-Scholes option pricing model with, among other variables, an expected volatility equal to the 100 day historical price volatility obtained from Bloomberg L.P. as of the trading day immediately prior to the public announcement of the Fundamental Transaction.

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Notice of Corporate Action

We will provide notice to holders of the warrants to provide such holders with an opportunity to exercise their warrants and hold common stock in order to participate in or vote on the following corporate events if we (i) declare a dividend on the common stock, (ii) declare a special nonrecurring cash dividend on or a redemption of the common stock, (iii) authorize the granting to all holders of the common stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (iv) require the approval of any stockholders in connection with any reclassification of the common stock, any consolidation or merger to which we are a party, any sale or transfer of all or substantially all of our assets, any compulsory share exchange whereby the common stock is converted into other securities, cash or property, or (v) authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company.

Limitations on Exercise

The number of warrant shares that may be acquired by the holder upon any exercise of the warrant shall be limited to the extent necessary to ensure that, following such exercise, the total number of shares of common stock then beneficially owned by such holder and its affiliates and any other persons whose beneficial ownership of common stock would be aggregated with the holder s for purposes of Section 13(d) of the Exchange Act, does not exceed 4.99% of the total number of issued and outstanding shares of common stock (including for such purpose the shares of common stock issuable upon such exercise), which we refer to as the Beneficial Ownership Limitation. The holder may elect to change the Beneficial Ownership Limitation from 4.99% to 9.99% of the total number of issued and outstanding for such purpose the shares of common stock issuable upon stock (including for such purpose the shares of some stock issuable upon stock (including for such purpose the shares of shares of common stock issuable upon stock (including for such purpose the shares of shares of common stock issuable upon stock (including for such purpose the shares of common stock issuable upon stock (including for such purpose the shares of common stock issuable upon such exercise) upon 61 days prior written notice.

Waivers and Amendments

The warrants may be modified or amended and the provisions therein may be waived with the written consent of the Company and holders holding warrants at least equal to 67% of the warrant shares issuable upon exercise of all then outstanding warrants.

Additional Provisions

The above summary of certain terms and provisions of the warrants is qualified in its entirety by reference to the detailed provisions of the warrants, the form of which will be filed as an exhibit to a current report on Form 8-K that will be incorporated herein by reference. We are not required to issue fractional shares upon the exercise of the warrants. No holders of the warrants will possess any rights as a stockholder under those warrants until the holder exercises those warrants. The warrants may be transferred independent of the common stock they were issued with, on a form of assignment, subject to all applicable laws.

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UNDERWRITING

We have entered into an underwriting agreement with Oppenheimer & Co. Inc. acting as representative of the underwriters.

The underwriting agreement provides for the purchase of a specific number of units comprised of shares of common stock and warrants to purchase common stock by each of the underwriters. The underwriters' obligations are several, which means that each underwriter is required to purchase a specified number of units, but is not responsible for the commitment of any other underwriter to purchase units. Subject to the terms and conditions of the underwriting agreement, each underwriter has severally agreed to purchase the number of units set forth opposite its name below:

Underwriter	Number of
Underwinter	Units
Oppenheimer & Co. Inc.	5,250,000
Cantor Fitzgerald & Co.	1,500,000
Ladenburg Thalmann & Co. Inc.	750,000
Total	7,500,000
a domunitant have a graded to murchass all of the units offered by	this prospectus supplement (other t

The underwriters have agreed to purchase all of the units offered by this prospectus supplement (other than those covered by the over-allotment option described below) if any are purchased.

The shares of common stock and the warrants to purchase common stock offered hereby should be ready for delivery on or about October 24, 2012 against payment in immediately available funds. The underwriters are offering the units subject to various conditions and may reject all or part of any order. The representative has advised us that the underwriters propose to offer the units directly to the public at the public offering price that appears on the cover page of this prospectus supplement. In addition, the representative may offer some of the units to other securities dealers at such price less a concession of \$0.072 per unit. After the units are released for sale to the public, the representative may change the offering price and other selling terms at various times.

We have granted the underwriters an over-allotment option. This option, which is exercisable for up to 30 days after the date of this prospectus supplement, permits the underwriters to purchase up to 1,125,000 shares of common stock at a price of \$1.8753 per share and/or warrants to purchase up to 562,500 shares of common stock at a price of \$0.0094 per warrant from us to cover over-allotments. The underwriters have severally agreed that, to the extent the over-allotment option is exercised, they will each purchase a number of additional units proportionate to the underwriter's initial amount reflected in the table above and will offer such units on the same terms as those on which the units are being offered.

The following table provides information regarding the gross proceeds to us, the amount of the discount to be paid to the underwriters by us, before expenses, and the net proceeds to us, before expenses:

	Per Unit	Total Without Exercise of Over-Allotment Option	Total With Full Exercise of Over-Allotment Option
Public offering price	\$ 2.00	\$ 15,000,000	\$ 17,250,000
Underwriting discount	\$ 0.12	\$ 900,000	\$ 1,035,000

Proceeds, before expenses, to us \$ 1.88 \$ 14,100,000 \$ 16,215,000 Burrill Merchant Banking is acting as the financial advisor in connection with the offering and will receive a fee of \$50,000 upon closing, which is not reflected in the table above. We estimate that our total expenses of the offering, excluding the underwriting discount, will be approximately \$300,000, which includes \$100,000 that we have agreed to reimburse the underwriters for the fees incurred by them in connection with the offering and the \$50,000 fee payable to our financial advisor.

We have agreed to indemnify the underwriters against certain liabilities, including liabilities under the Securities Act of 1933.

We and our officers and directors have agreed to a 90-day lock up with respect to shares of common stock that they beneficially own, including securities that are convertible into shares of common stock and securities that are exchangeable or exercisable for shares of common stock. This means that, subject to certain

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exceptions, for a period of 90 days following the date of this prospectus supplement, we and such persons may not offer, sell, pledge or otherwise dispose of these securities without the prior written consent of Oppenheimer & Co. Inc.

Rules of the SEC may limit the ability of the underwriters to bid for or purchase shares before the distribution of the shares is completed. However, the underwriters may engage in the following activities in accordance with the rules:

Stabilizing transactions The representative may make bids or purchases for the purpose of pegging, fixing or maintaining the price of the shares, so long as stabilizing bids do not exceed a specified maximum. Over-allotments and syndicate covering transactions The underwriters may sell more shares of our common stock in connection with this offering than the number of shares than they have committed to purchase. This overallotment creates a short position for the underwriters. This short sales position may involve either covered short sales or naked short sales. Covered short sales are short sales made in an amount not greater than the underwriters' over-allotment option to purchase additional shares in this offering described above. The underwriters may close out any covered short position either by exercising their over-allotment option or by purchasing shares in the open market. To determine how they will close the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market, as compared to the price at which they may purchase shares through the over-allotment option. Naked short sales are short sales in excess of the over-allotment option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that, in the open market after pricing, there may be downward pressure on the price of the shares that could adversely affect investors who purchase shares in this offering.

<u>Penalty bids</u> If the representative purchases shares in the open market in a stabilizing transaction or syndicate covering transaction, it may reclaim a selling concession from the underwriters and selling group members who sold those shares as part of this offering.

Similar to other purchase transactions, the underwriters' purchases to cover the syndicate short sales or to stabilize the market price of our common stock may have the effect of raising or maintaining the market price of our common stock or preventing or mitigating a decline in the market price of our common stock. As a result, the price of the shares of our common stock may be higher than the price that might otherwise exist in the open market. The

imposition of a penalty bid might also have an effect on the price of the shares if it discourages resales of the shares.

Neither we nor the underwriters makes any representation or prediction as to the effect that the transactions described above may have on the price of the shares. These transactions may occur on the Nasdaq Capital Market or otherwise. If such transactions are commenced, they may be discontinued without notice at any time.

Electronic Delivery of Prospectus Supplement: A prospectus supplement in electronic format may be delivered to potential investors by one or more of the underwriters participating in this offering. The prospectus supplement in electronic format will be identical to the paper version of such prospectus supplement. Other than the prospectus supplement in electronic format, the information on any underwriter's website and any information contained in any other website maintained by an underwriter is not part of this prospectus supplement, the accompanying prospectus or the registration statement of which this prospectus supplement and the accompanying prospectus form a part.

Notice to Non-U.S. Investors

The offering is exclusively conducted under applicable private placement exemptions and therefore it has not been and will not be notified to, and this document or any other offering material relating to the units has not been and will not be approved by, the Belgian Banking, Finance and Insurance Commission (Commission bancaire, financière et des assurances/Commissie voor het Bank, Financie en Assurantiewezen). Any representation to the contrary is unlawful.

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The underwriters have undertaken not to offer, sell, resell, transfer or deliver directly or indirectly, any units, or to take any steps relating/ancillary thereto, and not to distribute or publish this document or any other material relating to the units or to the offering in a manner which would be construed as: (a) a public offering under the Belgian Royal Decree of 7 July 1999 on the public character of financial transactions; or (b) an offering of securities to the public under Directive 2003/71/EC which triggers an obligation to publish a prospectus in Belgium. Any action contrary to these restrictions will cause the recipient and the issuer to be in violation of the Belgian securities laws.

Neither this prospectus supplement nor any other offering material relating to the units has been submitted to the clearance procedures of the Autorité des marchés financiers in France. The units have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France. Neither this prospectus supplement nor any other offering material relating to the units has been or will be: (a) released, issued, distributed or caused to be released, issued or distributed to the public in France; or (b) used in connection with any offer for subscription or sale of the units to the public in France. Such offers, sales and distributions will be made in France only: (i) to qualified investors (investisseurs qualifiés) and/or to a restricted circle of investors (cercle restreint d investisseurs), in each case investing for their own account, all as defined in and in accordance with Articles L.411-2, D.411-1, D.411-2, D.734-1, D.744-1, D.754-1 and D.764-1 of the French Code monétaire et financier; (ii) to investment services providers authorized to engage in portfolio management on behalf of third parties; or (iii) in a transaction that, in accordance with article L.411-2-II-1°-or-2° -or 3° of the French Code monétaire et financier and Article 211-2 of the General Regulations (Règlement Général) of the Autorité des marchés financiers, does not constitute a public offer (appel public à 1 épargne). Such units may be resold only in compliance with Articles L.411-1, L.411-2, L.412-1 and L.621-8

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State) an offer to the public of any units which are the subject of the offering contemplated by this prospectus supplement may not be made in that Relevant Member State, except that an offer to the public in that Relevant Member State of any units may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

(a) regulated, whose corporate purpose is solely to invest in securities;

to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year; (b)(2) a total balance sheet of more than €43,000,000 and (3) an annual net turnover of more than €50,000,000, as shown in its last annual or consolidated accounts;

(c) by the underwriters to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive) subject to obtaining the prior consent of the underwriters for any such offer; or

(d) in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of securities shall result in a requirement for the publication by the issuer or the underwriters of a prospectus pursuant to Article 3 of the Prospectus Directive.

For the purposes of this provision, the expression an offer to the public in relation to any units in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any units to be offered so as to enable an investor to decide to purchase any units, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State and the expression

Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant

Member State.

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The underwriters have represented, warranted and agreed that:

it has only communicated or caused to be communicated and will only communicate or cause to be communicated any invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial

- (a) any invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000 (the FSMA)) received by it in connection with the issue or sale of any units in circumstances in which section 21(1) of the FSMA does not apply to the issuer; and
- (b) it has complied with and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the units in, from or otherwise involving the United Kingdom.

In the State of Israel, the units offered hereby may not be offered to any person or entity other than the following:

(a) a fund for joint investments in trust (i.e., mutual fund), as such term is defined in the Law for Joint Investments in Trust, 5754-1994, or a management company of such a fund;

(b) a provident fund as defined in Section 47(a)(2) of the Income Tax Ordinance of the State of Israel, or a management company of such a fund;

an insurer, as defined in the Law for Oversight of Insurance Transactions, 5741-1981, (d) a banking entity or (c) satellite entity, as such terms are defined in the Banking Law (Licensing), 5741-1981, other than a joint services

(c) company, acting for their own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;

a company that is licensed as a portfolio manager, as such term is defined in Section 8(b) of the Law for the

- (d)Regulation of Investment Advisors and Portfolio Managers, 5755-1995, acting on its own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;
- (e) a company that is licensed as an investment advisor, as such term is defined in Section 7(c) of the Law for the Regulation of Investment Advisors and Portfolio Managers, 5755-1995, acting on its own account;
- a company that is a member of the Tel Aviv Stock Exchange, acting on its own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;

(g) an underwriter fulfilling the conditions of Section 56(c) of the Securities Law, 5728-1968;

- a venture capital fund (defined as an entity primarily involved in investments in companies which, at the time of (h)investment, (i) are primarily engaged in research and development or manufacture of new technological products or processes and (ii) involve above-average risk);
- (i) an entity primarily engaged in capital markets activities in which all of the equity owners meet one or more of the above criteria; and

an entity, other than an entity formed for the purpose of purchasing units in this offering, in which the shareholders equity (including pursuant to foreign accounting rules, international accounting regulations and U.S. generally

⁽¹⁾ accepted accounting rules, as defined in the Securities Law Regulations (Preparation of Annual Financial Statements), 1993) is in excess of NIS 250 million.

Any offeree of the units offered hereby in the State of Israel shall be required to submit written confirmation that it falls within the scope of one of the above criteria. This prospectus supplement will not be distributed or directed to investors in the State of Israel who do not fall within one of the above criteria.

The offering of the units offered hereby in Italy has not been registered with the Commissione Nazionale per la Società e la Borsa (CONSOB) pursuant to Italian securities legislation and, accordingly, the units offered hereby cannot be offered, sold or delivered in the Republic of Italy (Italy) nor may any copy of this prospectus supplement or

any other document relating to the units offered hereby be distributed in Italy other than to professional investors (operatori qualificati) as defined in Article 31, second paragraph, of CONSOB Regulation No. 11522 of 1 July, 1998, as subsequently amended. Any offer, sale or delivery of the units

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offered hereby or distribution of copies of this prospectus supplement or any other document relating to the units offered hereby in Italy must be made:

by an investment firm, bank or intermediary permitted to conduct such activities in Italy in accordance with (a)Legislative Decree No. 58 of 24 February 1998 and Legislative Decree No. 385 of 1 September 1993 (the Banking Act);

(b) in compliance with Article 129 of the Banking Act and the implementing guidelines of the Bank of Italy; and (c) may be imposed by Italian authorities.

This prospectus supplement has not been nor will it be registered with or approved by Finansinspektionen (the Swedish Financial Supervisory Authority). Accordingly, this prospectus supplement may not be made available, nor may the units offered hereunder be marketed and offered for sale in Sweden, other than under circumstances which are deemed not to require a prospectus under the Financial Instruments Trading Act (1991: 980). This offering will be made to no more than 100 persons or entities in Sweden.

The units offered pursuant to this prospectus supplement will not be offered, directly or indirectly, to the public in Switzerland and this prospectus supplement does not constitute a public offering prospectus as that term is understood pursuant to art. 652a or art. 1156 of the Swiss Federal Code of Obligations. The issuer has not applied for a listing of the units being offered pursuant to this prospectus supplement on the SWX Swiss Exchange or on any other regulated securities market, and consequently, the information presented in this prospectus supplement does not necessarily comply with the information standards set out in the relevant listing rules. The units being offered pursuant to this prospectus supplement have not been registered with the Swiss Federal Banking Commission as foreign investment funds, and the investor protection afforded to acquirers of investment fund certificates does not extend to acquirers of units.

Investors are advised to contact their legal, financial or tax advisers to obtain an independent assessment of the financial and tax consequences of an investment in our units.

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LEGAL MATTERS

The validity of the securities offered by this prospectus supplement will be passed upon for us by Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., New York, New York. Goodwin Procter LLP, New York, New York, is acting as counsel for the underwriters in connection with this offering.

EXPERTS

Meaden & Moore, Ltd., independent registered public accounting firm, has audited our consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2011, and the effectiveness of our internal control over financial reporting as of December 31, 2011, as set forth in their reports, which are incorporated by reference in this prospectus supplement, the accompanying prospectus and elsewhere in the registration statement to which this prospectus supplement and accompanying prospectus form a part. Such financial statements have been so incorporated in reliance on the reports of Meaden & Moore, Ltd., given the authority of said firm as experts in auditing and accounting

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INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

In this prospectus supplement, we incorporate by reference the information we file with the SEC, which means that we can disclose important business, financial and other information to you in this prospectus supplement by referring you to the documents containing this information. The information incorporated by reference is considered to be part of this prospectus supplement, and information that we file with the SEC after the date of this prospectus supplement will automatically update and supersede this information. However, any information contained herein shall modify or supersede information contained in documents we filed with the SEC before the date of this prospectus supplement.

We incorporate by reference in this prospectus supplement the documents listed below and any other documents we file with the SEC in the future (other than, in all cases, the portions of those documents deemed to be furnished to, and not filed with, the SEC) under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act until the offering of all the securities that may be offered by this prospectus supplement is completed:

our Annual Report on Form 10-K for the year ended December 31, 2011, filed with the SEC on March 13, 2012 (including the portions of our definitive Proxy Statement on Schedule 14A incorporated therein by reference); our Quarterly Reports on Form 10-Q for the fiscal quarter ended March 31, 2012, filed with the SEC on May 7, 2012; and for the fiscal quarter ended June 30, 2012, filed with the SEC on August 9, 2012; our Current Report on Form 8-K, filed with the SEC on January 26, 2012 (excluding Item 701); our Current Report on Form 8-K, filed with the SEC on April 4, 2012; our Current Report on Form 8-K, filed with the SEC on April 18, 2012, as amended on April 30, 2012; our Current Report on Form 8-K, filed with the SEC on June 15, 2012; our Current Report on Form 8-K, filed with the SEC on June 15, 2012; our Current Report on Form 8-K, filed with the SEC on June 15, 2012; our Current Report on Form 8-K, filed with the SEC on June 15, 2012;

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available over the Internet at the SEC s web site at *http://www.sec.gov*. You may also read and copy any document we file with the SEC at its public reference facility:

Public Reference Room 100 F Street, N.E. Room 1580 Washington, DC 20549

You may also obtain copies of the documents at prescribed rates by writing to the Public Reference Room of the SEC at the above address. Please call 1-800-SEC-0330 for further information on the operations of the Public Reference Room and copying charges.

We will furnish without charge to each person to whom a copy of this prospectus supplement is delivered, upon written or oral request, a copy of the information that has been incorporated in this prospectus supplement by reference but not delivered with the prospectus supplement (except exhibits, unless they are specifically incorporated in this prospectus supplement by reference). You should direct any requests for copies to:

Cleveland BioLabs, Inc. 73 High Street Buffalo, New York 14203 Phone: (716) 849-6810 Attention: Leah Brownlee, Vice President, Compliance and Operations

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PROSPECTUS

\$90,000,000 Common Stock Warrants Units

632,654 Shares of Common Stock Offered by the Selling Stockholders

We may, from time to time, offer and sell shares of our common stock, par value \$0.005 per share, or warrants to purchase common stock, either separately or in units, to or though one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis, at prices and on terms to be determined at the time of the offering, up to a total aggregate dollar amount of \$90,000,000. See Plan of Distribution beginning on page 8 in this prospectus. We may also describe the plan of distribution for any particular offering of these securities in any applicable prospectus supplement. If any agents, underwriters or dealers are involved in the sale of any securities in respect of which this prospectus is being delivered, we will disclose their names and the nature of our arrangements with them in a prospectus supplement. The net proceeds we expect to receive from any such sale will also be included in a prospectus supplement.

In addition, the selling stockholders identified in this prospectus may offer and sell up to 632,654 shares of our common stock from time to time under this prospectus and any prospectus supplement, which number represents (i) 462,654 shares of common stock issuable upon the exercise of Series C Warrants (calculated based on the current exercise price of \$6.35 per share), which were issued in our private placement that closed on March 16, 2007, and (ii) 170,000 shares of common stock issuable upon the exercise of warrants issued to designees of the underwriters in our initial public offering, which warrants have an exercise price of \$8.70 per share (the \$8.70 Warrants). All of these shares of common stock may be sold by the selling stockholders named in this prospectus, or their respective transferees, pledgees, donees or successors-in-interest. The selling stockholders will receive all proceeds from the sale of the shares of our common stock being offered by the selling stockholders in this prospectus. We will only receive the exercise price of the Series C Warrants or the \$8.70 Warrants upon the exercise in cash of the Series C Warrants or the \$8.70 warrants by the selling stockholders. We are registering the offer and sale of the shares of common stock to satisfy registration rights that we have granted. The shares of common stock to which this prospectus relates may be offered and sold from time to time directly by the selling stockholders or alternatively through ordinary brokerage transactions directly to market makers of our shares or through any other means described in Plan of Distribution beginning on page 8 in this prospectus. The shares of common stock may be sold in one or more transactions, at fixed prices, at prevailing market prices at the time of sale or at negotiated prices.

Our common stock is listed on the Nasdaq Capital Market under the symbol CBLI. The last reported sales price of our common stock on the Nasdaq Capital Market on June 17, 2010 was \$3.62 per share.

Investing in our securities involves a high degree of risk. See Risk Factors beginning on page 2 in this prospectus and other information included and incorporated by reference in this prospectus for a discussion of the factors you should carefully consider before deciding to buy shares of our common stock or warrants.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is June 17, 2010.

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PROSPECTUS SUMMARY

This summary does not contain all of the information you should consider before buying shares of our common stock or warrants. We urge you to read carefully this entire prospectus, the documents incorporated by reference in this prospectus and all applicable prospectus supplements before making an investment decision. In this prospectus, unless the context otherwise requires, the terms CBLI, company, we, us, and our refer to Cleveland BioLabs, I Delaware corporation, and, unless the context otherwise requires, common stock refers to the common stock, par value \$0.005 per share, of Cleveland BioLabs, Inc.

About this Prospectus

This prospectus is part of a registration statement that we filed with the U.S. Securities and Exchange Commission (the SEC) using a shelf registration process. Under this shelf process, we may sell shares of our common stock or warrants to purchase common stock, either separately or in units, in one or more offerings up to a total dollar amount of \$90,000,000, and the selling stockholders may from time to time sell up to 632,654 shares of common stock issuable upon exercise of outstanding warrants in one or more offerings. This prospectus provides you with a general description of the securities we or the selling stockholders may offer. Each time we sell shares of our common stock or warrants, we will provide a prospectus supplement that will contain specific information about the securities being offered and the terms of that offering. The prospectus supplement may also add to, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with the additional information described under the heading Where You Can Find More Information carefully before making an investment decision.

Our Company

We are a biotechnology, or biotech, company focused on developing biodefense, tissue protection and cancer treatment drugs based on the concept of modulation of cell death for therapeutic benefit. Our goal is to identify and develop new types of drugs for protection of normal tissues from exposure to radiation and other stresses, such as toxic chemicals and for cancer treatment. Our initial target, and most promising opportunity, is to develop a drug to protect humans from the effects of exposure to radiation, whether as a result of military or terrorist acts or as a result of a nuclear accident. Recent acts of terrorism and the proliferation of nuclear weapons programs in rogue states have created a more immediate demand for further research and development, or R&D, in this area. Other potential applications of our drug candidates include reducing the side effects of cancer treatment, destroying tumor cells and generating adult stem cells.

Our development efforts are based on discoveries made in connection with the investigation of the cell-level process known as apoptosis. Apoptosis is a highly specific and tightly regulated form of cell death that can occur in response to external events such as exposure to radiation or toxic chemicals or to internal stresses. Apoptosis is a major determinant of tissue damage caused by a variety of medical conditions including cerebral stroke, heart attack or acute renal failure. Conversely, however, apoptosis also is an important protective mechanism that allows the body to shed itself of defective cells, which otherwise can cause cancerous growth.

Research has demonstrated that apoptosis is sometimes suppressed naturally. For example, most cancer cells develop resistance to apoptotic death caused by drugs or natural defenses of the human body. Our research is geared towards identifying the means by which apoptosis can be affected and manipulated depending on the need.

If the need is to protect healthy tissues against an external event such as exposure to nuclear radiation, we attempt to suppress apoptosis in those healthy tissues, thereby imitating the apoptotic-resistant tendencies displayed by cancer cells. A drug with this effect would also be useful in ameliorating the often severe side effects of anticancer drugs and radiation that cause collateral damage to healthy tissues during cancer treatment. Because the severe side effects of anticancer drugs and radiation often limit their dosage in cancer patients, an apoptosis suppressant drug may enable a more aggressive treatment regimen using anticancer drugs and radiation and thereby increase their effectiveness.

On the other hand, if the need is to kill cancerous cells, we focus our research efforts on restoring apoptotic mechanisms that are suppressed in tumors so that those cancerous cells will once again become

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vulnerable to apoptotic death. In this regard, we believe that our drug candidates could have significant potential for improving and becoming vital to the treatment of cancer patients.

Our Products and Technology

Through our R&D, and our strategic partnerships, we have established a technological foundation for the development of new pharmaceuticals and their rapid preclinical evaluation. We have acquired rights to develop and commercialize the following prospective drugs:

Protectans are modified proteins of microbes and tumors that protect cells from apoptosis, and which therefore have a broad spectrum of potential applications. These potential applications include both non-medical applications such as protection from exposure to radiation, whether as a result of military or terrorist action or as a result of a nuclear accident, as well as medical applications such as reducing cancer treatment toxicities.

Curaxins are small molecules designed to kill tumor cells by simultaneously targeting two regulators of apoptosis. Initial test results indicate that curaxins can be effective against a number of malignancies, including hormone-refractory prostate cancer, renal cell carcinoma, or RCC (a highly fatal form of kidney cancer), and soft-tissue sarcoma.

In the area of radiation protection, we have achieved high levels of protection in animal models. With respect to cancer treatment, the biology of cancer is such that there is no single drug that can be successfully used to treat 100% or even 50% of all cancer patients. This means that there likely will be a need for additional anticancer drugs for each type of cancer.

These drug candidates demonstrate the value of our scientific foundation. Based on the expedited approval process currently available for non-medical applications such as protection from exposure to radiation, our most advanced drug candidate, Protectan CBLB502, may be approved for such applications within 18 24 months. Another drug candidate, Curaxin CBLC102, demonstrated activity and safety in a Phase IIa clinical trial concluded in late 2008.

RISK FACTORS

An investment in our securities is highly speculative, involves a high degree of risk, and should be made only by investors who can afford a complete loss. You should carefully consider and evaluate all of the information included and incorporated by reference in this prospectus and any applicable prospectus supplement, including the risk factors incorporated by reference from our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2009, filed with the SEC on March 22, 2010, as updated by our Quarterly Reports on Form 10-Q and our other filings with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the Exchange Act), filed after such Annual Report. Any of the risks we have described could materially adversely affect our business, financial condition or operating results and could result in a partial or complete loss of your investment. Further, the risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not currently known to us, or that we currently believe are not material, could also materially adversely affect our business, financial condition or operating results.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference in this prospectus contain forward-looking statements. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans and objectives. The words may, should, expect. anticipate estimate and similar expressions used in this prospectus or i intend. plan. continue. believe. seek. project, in this prospectus by reference that do not relate to historical facts are intended to identify forward-looking statements. These statements are only predictions. You should not place undue reliance on these forward-looking statements. By way of example, statements regarding the following subjects are forward-looking by their nature:

statements as to the anticipated timing of clinical tests and other business developments;

statements as to the development of new products and the commercialization of products;

expectations as to the adequacy of our cash balances to support our operations for specified periods of time and as to the nature and level of cash expenditures; and

expectations as to the market opportunities for our drug candidates as well as our ability to take advantage of those opportunities.

The forward-looking statements are based on management s beliefs, plans, expectations and assumptions and on

information available to us as of the time such statements were made. These beliefs, plans, expectations and assumptions can change as a result of many possible events or factors, not all of which are known to us. Neither we nor any other person assumes responsibility for the accuracy or completeness of these statements. If a change occurs, our business, financial condition, liquidity and results of operations may vary materially from those expressed in our forward-looking statements.

The forward-looking statements in this prospectus or incorporated in this prospectus by reference are not representations or guarantees of future performance and involve certain risks, uncertainties and assumptions. Such risks, uncertainties and assumptions include, but are not limited to, any risk factors set forth in our other filings with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act or in any supplement to this prospectus. Many of such factors are beyond our control and are difficult to predict. As a result, our future actions, financial position and results of operations could differ materially from those expressed in any forward-looking statements made by us. Readers are therefore cautioned not to place undue reliance on forward-looking statements. We also do not intend to publicly update any forward-looking statements that may be made from time to time by us or on our behalf, whether as a result of new information, future events or otherwise.

USE OF PROCEEDS

We currently intend to use the net proceeds from the sale of the shares of our common stock and warrants and the exercise of our warrants for working capital and general corporate purposes. We will not receive any of the proceeds from the sale of our common stock by the selling stockholders. We will, however, receive the exercise price of the Series C Warrants and the \$8.70 Warrants upon the exercise in cash of the Series C Warrants and the \$8.70 Warrants by the selling stockholders. Any proceeds received by us from the exercise of the Series C Warrants or \$8.70 Warrants will be used for working capital and general corporate purposes.

SELLING STOCKHOLDERS

The shares of common stock being offered by the selling stockholders are issuable upon exercise of the Series C Warrants and the \$8.70 Warrants. We are registering the shares of common stock to satisfy registration rights that we have granted to the selling stockholders, and in order to permit the selling stockholders to offer the shares for resale from time to time.

The Series C Warrants were issued on March 16, 2007 to Sunrise Securities Corp. (SSC) and its designees as partial compensation for SSC s services as lead placement agent in connection with our private placement of Series B Convertible Preferred Stock and Series B Warrants for an aggregate purchase price of approximately \$30,000,000. The Series C Warrants, which had an initial exercise price of \$11.00 per share

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and were originally exercisable for 267,074 shares of common stock, now have a current exercise price of \$6.35 per share and are exercisable for 462,654 shares of common stock as a result of adjustments required by the antidilution provisions of the Series C Warrants. The Series C Warrants were issued pursuant to the exemption from the registration requirements of the Securities Act of 1933, as amended (the Securities Act), available pursuant to Rule 506 under the Securities Act.

The \$8.70 Warrants were issued on July 26, 2006 upon the consummation of our initial public offering for an aggregate purchase price of \$100 to designees of SSC and Roth Capital Partners, the underwriters in our initial public offering. The number of shares underlying the \$8.70 Warrants was calculated to equal an aggregate of 10% of the number of shares sold in our initial public offering, excluding the over-allotment option. The \$8.70 Warrants do not have antidilution provisions. The \$8.70 Warrants were issued pursuant to the Section 4(2) exemption from the registration requirements of the Securities Act.

The table below lists the selling stockholders and other information regarding the beneficial ownership of the shares of common stock by each of the selling stockholders. The column titled Shares of Common Stock Owned Before the Offering lists the number of shares of common stock owned by each selling stockholder as of June 14, 2010, assuming conversion of all preferred stock and exercise of all warrants and options, including exercise of all Series C Warrants and \$8.70 Warrants held by the selling stockholders on that date, without regard to any limitations on conversions or exercise. The column titled Shares of Common Stock Being Offered lists the shares of common stock being offered pursuant to this prospectus by the selling stockholders (i.e., the shares of common stock underlying their Series C Warrants and \$8.70 Warrants). The column titled Shares of Common Stock Owned Upon Completion of the Offering lists the shares of common stock owned by each selling stockholder, assuming the shares of common stock underlying the Series C Warrants and the \$8.70 Warrants have been sold, and the column titled Percentage of Common Stock Outstanding Upon Completion of the Offering provides the percentage owned by each selling stockholder of all shares of common stock outstanding, assuming the same.

This prospectus covers the resale of 462,654 shares of common stock issuable upon exercise of Series C Warrants (at the current exercise price of \$6.35 per share) and 170,000 shares of common stock issuable upon exercise of \$8.70 Warrants. Because the number of shares underlying the Series C Warrants is subject to adjustment for dilutive issuances, and because the number of shares underlying the Series C Warrants and \$8.70 Warrants is subject to adjustment for stock splits, stock dividends, reclassifications or similar events, the number of shares of common stock that will actually be issued upon exercise of the Series C Warrants and \$8.70 Warrants may be more or less than the number of shares being offered by this prospectus.

Under the terms of the Series C Warrants and the \$8.70 Warrants, a selling stockholder may not exercise the Series C Warrants or the \$8.70 Warrants to the extent such exercise would cause such selling stockholder, together with its affiliates, to beneficially own a number of shares of common stock that exceeds 9.99% of our then outstanding shares of common stock following such exercise. The entries in the table below do not reflect this limitation. The selling stockholders may sell all, some or none of their shares in this offering. See Plan of Distribution.

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Name and Address of Selling Stockholder	Shares of Common Stock Owned Before the Offering	Shares of Common Stock Being Offered	Shares of Common Stock Owned Upon Completion of the Offering ⁽¹⁾	Percentage of Common Stock Outstanding Upon Completion of the Offering ⁽²⁾
Sunrise Securities Corp. ⁽³⁾ 641 Lexington Avenue, 25 th Floor	647,134	83,150	563,984	2.06 %
New York, New York 10022 Amnon Mandelbaum ⁽⁴⁾ c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022 David Goodfriend ⁽⁵⁾	378,624	130,675	247,949	*
c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022	21,513	14,520	6,993	*
Eric Abitbol ⁽⁶⁾ 201 E. 69 St. #6-O New York, New York 10021 Jeffrey Meyerson ⁽⁷⁾	3,773	671	3,102	*
c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022 Lucy DaRita ⁽⁸⁾	43,282	6,248	37,034	*
c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022 Marcia Kucher ⁽⁹⁾	1,733	1,733	0	
c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022 Nathan Low ⁽¹⁰⁾ c/o Sunrise Securities Corp. 641 Lexington Avenue, 25 th Floor New York, New York 10022	5,450	3,950	1,500	*