GENEREX BIOTECHNOLOGY CORP Form 10-Q June 10, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES

EXCHANGE ACT OF 1934

For the quarterly period ended April 30, 2013

o TRANSITION REPORTS PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES

EXCHANGE ACT OF 1934

For the transition period from ______ to ______ to ______

COMMISSION FILE NUMBER: 0-25169

GENEREX BIOTECHNOLOGY CORPORATION

(Exact name of registrant as specified in its charter)

Delaware98-0178636(State or other jurisdiction of(IRS Employer Identification No.)

incorporation or organization)

555 RICHMOND STREET WEST, SUITE 604

TORONTO, ONTARIO

CANADA M5V 3B1

(Address of principal executive offices)

(416) 364-2551

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant: (1) has filed all reports required by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. x Yes "No

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

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

Large accelerated filer " Accelerated filer x

Non-accelerated filer " Smaller reporting company "

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

The number of outstanding shares of the registrant's common stock, par value \$.001, was 531,525,287 as of June 7, 2013.

GENEREX BIOTECHNOLOGY CORPORATION

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

GENEREX BIOTECHNOLOGY CORPORATION AND SUBSIDIARIES

(A DEVELOPMENT STAGE COMPANY)

INTERIM CONSOLIDATED BALANCE SHEETS

	April 30, 2013 (Unaudited)	July 31, 2012 (Audited)
ASSETS		
Current Assets:		
Cash and cash equivalents	\$406,581	\$246,309
Other current assets	68,481	200,552
Total Current Assets	475,062	446,861
Property and Equipment, Net	95,933	704,678
Assets Held for Investment, Net	655,906	858,377
Patents, Net	2,391,896	2,634,458
TOTAL ASSETS	\$3,618,797	\$4,644,374
LIABILITIES AND STOCKHOLDERS' DEFICIENCY Current Liabilities:		
Accounts payable and accrued expenses (Note 5)	\$7,426,919	\$7,015,652
Deferred revenue	229,621	263,125
Current maturities of long-term debt (Note 11)	625,793	1,222,746
Total Current Liabilities	8,282,333	8,501,523
Total Current Elabilities	0,202,355	8,501,525
Long-Term Debt, Net	—	441,415
Derivative Warrant Liability (Note 10)	3,436,312	4,081,627
Total Liabilities	11,718,645	13,024,565
Constitution of Constitution (Number (1991)		

Commitments and Contingencies (Notes 6 and 7)

Stockholders' Deficiency (Note 9):

Series A 9% Convertible Preferred Stock, \$1,000 par value; authorized 5,500 shares, -0- issued shares at April 30, 2013 and July 31, 2012, respectively	_	_
Series B 9% Convertible Preferred Stock, \$1,000 par value; authorized 2,000 shares at April 30, 2013 and July 31, 2012, respectively; -0- and 1,490 shares issued and outstanding at April 30, 2013 and July 31, 2012, respectively	_	_
Series C 9% Convertible Preferred Stock, \$1,000 par value; authorized 750 and -0-shares at April 30, 2013 and July 31, 2012, respectively; -0- and -0- shares issued and outstanding at April 30, 2013 and July 31, 2012, respectively	_	_
Series D 9% Convertible Preferred Stock, \$1,000 par value; authorized 750 and -0- shares at April 30, 2013 and July 31, 2012, respectively; 531 and -0- shares issued and outstanding at April 30, 2013 and July 31, 2012, respectively	531,000	_
Common stock, \$.001 par value; authorized 1,500,000,000 and 750,000,000 shares at April 30, 2013 and July 31, 2012, respectively; 500,955,195 and 354,161,297 shares issued and outstanding at April 30, 2013 and July 31, 2012, respectively	500,955	354,161
Additional paid-in capital	352,817,393	348,099,813
Deficit accumulated during the development stage	(362,713,813)	,
Accumulated other comprehensive income	764,617	777,615
Total Stockholders' Deficiency	(8,099,848)	(8,380,191)
TOTAL LIABILITIES AND STOCKHOLDERS' DEFICIENCY	\$3,618,797	\$4,644,374

The Notes to Consolidated Financial Statements are an integral part of these statements.

(A DEVELOPMENT STAGE COMPANY)

INTERIM CONSOLIDATED STATEMENTS OF OPERATIONS

	For the Nine M April 30, 2013 (Unaudited)	Months Ended 2012 (Unaudited)		For the Three April 30, 2013 (Unaudited)		lonths Ended 2012 (Unaudited)	-	Cumulative From November 2, 199 (Date of Inception) April 30, 2013 (Unaudited)	
Revenues, net	\$—	\$21,901		\$—		\$7,012	:	\$ 5,110,784	
Cost of Goods Sold	_	9,122		_		2,230		1,620,375	
Gross profit	_	12,779				4,782		3,490,409	
Operating Expenses: Research and development Research and development - related party Selling and marketing General and administrative General and administrative - related party Total Operating Expenses	1,631,987 3,032,464 4,664,451	3,835,715 — 167,316 3,732,027 — 7,735,058		478,110 955,530 1,433,640		1,127,047 — 18,258 1,325,747 — 2,471,052		133,607,951 220,218 9,333,214 150,834,620 314,328 294,310,331	
Operating Loss	(4,664,451) (7,722,279))	(1,433,640)	(2,466,270)	(290,819,922)
Other Income (Expense): Miscellaneous income Income from assets held for investment, net (Note 11) Interest income Interest expense Change in fair value of derivative liabilities (Note 10) Loss on extinguishment of debt	 1,210,567 329 (453,677 (1,092,504)))	— 126,701 22 (86,421 2,690,786 —)	 1,148,526 450 (423,674 2,608,825)	686,304 5,544,824 7,782,221 (69,462,359 (1,808,481 (14,134,068)) ⁽¹⁾)
Net (Loss)/Income Before Undernoted	(4,999,736) (7,914,440))	1,297,448		867,857		(362,211,481)

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Minority Interest Share of Loss	_		_		_	_	3,038,185	
Net (Loss)/Income	(4,999,736)	(7,914,440)	1,297,448	867,857	(359,173,296)
Preferred Stock Dividend (Note 9)	102,297		376,746		—	376,746	3,540,517	
Net (Loss)/Income Available to Common Stockholders	\$(5,102,033)	\$(8,291,186)	\$1,297,448	\$491,111	\$ (362,713,813)
Net (Loss)/Income Per Common Share (Note 8) Basic Diluted	\$(.012 \$(.012		\$(.024 \$(.024		\$.003 \$.002	\$.003 \$.003		
Shares Used to Compute (Loss)/Earnings per Share (Note 8) Basic Diluted	413,135,59 413,135,59		326,340,80 [°] 326,340,80 [°]		491,220,657 713,150,718	345,539,723 345,543,799		

(1) Includes \$5,981,403 as adjustment related to the adoption of FASB ASC Topic 815 in "Cumulative from November 2, 1995 (Date of Inception) to April 30, 2013" column. See Note 11 - Derivative Warrant Liability.

The Notes to Consolidated Financial Statements are an integral part of these statements.

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(A DEVELOPMENT STAGE COMPANY)

INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS

	For the Nine Months Ended April 30, 2013 2012 (Unaudited) (Unaudited)		Cumulative From November 2, 1995 (Date of Inception to April 30, 2013 (Unaudited)	
Cash Flows From Operating Activities:	¢ (4 000 726)	$\phi(7,014,440)$	¢ (250 172 206	`
Net loss Adjustments to reconcile net loss to net cash used in operating activities:	\$(4,999,730)	\$(7,914,440)	\$ (359,173,296)
Depreciation and amortization	349,047	472,146	10,257,587	
Minority interest share of loss			(3,038,185)
Reduction of notes receivable - common stock in exchange for services rendered	_		423,882	
Write-off of uncollectible notes receivable - common stock			391,103	
Write-off of deferred offering costs			3,406,196	
Write-off of abandoned patents		88,582	1,353,976	
Gain on disposal of property and equipment	(1,036,865)	(1,793,087)	(3,028,015)
Loss on extinguishment of debt			14,134,069	
Common stock issued as employee compensation		68,483	4,011,938	
Amortization of options and option modifications as stock compensation	613,375	56,961	4,024,601	
Common stock issued for services rendered	223,692	606,545	14,730,971	
Amortization of prepaid services in conjunction with common stock issuance	_	—	138,375	
Non-cash compensation expense			45,390	
Stock options and warrants issued for services rendered			7,956,723	
Issuance of warrants as additional exercise right inducement			21,437,909	
Preferred stock issued for services rendered		_	100	
Treasury stock redeemed for non-performance of services			(138,000)
Amortization of deferred debt issuance costs and loan origination fees	—	—	2,405,629	
Amortization of discount on convertible debentures			38,345,592	
Common stock issued for interest on convertible debentures and preferred stock	663,930	347,490	1,906,634	
Interest on short-term advance			22,190	
Founders' shares transferred for services rendered			353,506	
Fees in connection with refinancing of debt			113,274	
Warrant repricing costs			3,198,604	
Change in fair value of derivative liabilities	1,092,504	1,603,720	1,808,481 (1)	

Changes in operating assets and liabilities (excluding the effects of

acquisition):				
Accounts receivable		8,474	(15,047)
Miscellaneous receivables			43,812)
Inventory		716,415	(20,091)
Other current assets	154,586	(70,693)	(28,362	ý
Accounts payable and accrued expenses	212,595	(1,267,420)	15,236,535)
Deferred revenue	(33,504)	(81,634)	223,828	
Other, net	(ee,ee.) 	(01,00 · · ·) 	110,317	
Net Cash Used in Operating Activities	(2,760,376)	(7,158,458)	(219,359,774)
	(_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(,,,)
Cash Flows From Investing Activities:				
Purchase of property and equipment		(2,416)	(4,809,439)
Proceeds from sale of property and equipment	1,762,954	4,614,057	6,716,279	
Costs incurred for patents	(51,717)	(110,929)	(2,891,763)
Change in restricted cash			512,539	
Proceeds from maturity of short-term investments			195,242,918	
Purchases of short-term investments			(195,242,918)
Cash received in conjunction with merger			82,232	
Advances to Antigen Express, Inc.			(32,000)
Increase in officers' loans receivable			(1,126,157)
Change in deposits			(652,071)
Change in notes receivable - common stock			(91,103)
Change in due from related parties			(2,222,390)
Other, net			89,683	
Net Cash Provided by/(Used in) Investing Activities	1,711,237	4,500,712	(4,424,190)
Cash Flows From Financing Activities:				
Proceeds from short-term advance			325,179	
Repayment of short-term advance			(347,369)
Proceeds from issuance of long-term debt	828,543	3,566,088	6,395,840	
Repayment of long-term debt	(1,832,170)	(4,488,539)	(8,894,869)
Repayment of obligations under capital lease			(83,002)
Change in due to related parties			154,541	
Proceeds from exercise of warrants	780,704	30,000	46,508,985	
Proceeds from exercise of stock options	1,057		5,004,850	
Proceeds from minority interest investment			3,038,185	
Proceeds from issuance of preferred stock	1,450,000	1,975,000	17,755,000	
Redemption of SVR preferred stock			(100)
Proceeds from issuance of convertible debentures, net			40,704,930	
Payment of costs associated with convertible debentures			(722,750)
Repayments of convertible debentures			(5,142,424)
Purchase of treasury stock			(483,869)
Proceeds from issuance of common stock, net			120,576,242	
Purchase and retirement of common stock			(497,522)
Net Cash Provided by Financing Activities	1,228,134	1,082,549	224,291,847	
		(20.055	(101 000	
Effect of Exchange Rates on Cash	(18,723)	(29,022)	(101,302)
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Net Increase/(Decrease) in Cash and Cash Equivalents	160,272	(1,604,219)	406,581	

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Cash and Cash Equivalents, Beginning of Period	246,309	2,798,797	_				
Cash and Cash Equivalents, End of Period	\$406,581	\$1,194,578	\$ 406,581				
(1) - includes \$5,981,403 as adjustment related to the adoption of FASB ASC Topic 815 in "Cumulative from November 2, 1995 (Date of Inception) to April 30, 2013" column. See Note 11 - Derivative Liabilities.							
Supplemental Disclosure of Cash Flow Information: Cash paid during the period for:	¢ 0.51 1.77	\$510.50					
Interest	\$251,177	\$518,506					
Disclosure of non-cash investing and financing activities:							
Par value of common stock issued in conjunction with cashless exercise of warrants	\$29,185	\$20,460					
Issuance of common stock as interest on convertible preferred stock	\$663,930	\$347,490					

The Notes to Consolidated Financial Statements are an integral part of these statements.

(A DEVELOPMENT STAGE COMPANY)

NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

Note 1 – Basis of Presentation:

The accompanying unaudited interim consolidated financial statements ("interim statements") have been prepared pursuant to the rules and regulations for reporting on Form 10-Q. Accordingly, certain information and disclosures required by generally accepted accounting principles for complete financial statements are not included herein. The interim statements should be read in conjunction with the consolidated financial statements and notes thereto included in the Company's latest Annual Report on Form 10-K. The results for the three and nine months ended April 30, 2013 may not be indicative of the results for the entire year.

Interim statements are subject to possible adjustments in connection with the annual audit of the Company's accounts for fiscal year 2013. In the Company's opinion, all adjustments necessary for a fair presentation of these interim statements have been included and are of a normal and recurring nature.

The Company is a development stage company, which has a limited history of operations and limited revenue to date. This revenue has been comprised mainly of the sale of our confectionary products, although the Company has recognized \$600,000 relating to upfront license fees for the signing of license and distribution agreements for Generex Oral-lynTM. Additionally, the Company has several product candidates that are in various research or early stages of pre-clinical and clinical development. There can be no assurance that the Company will be successful in obtaining regulatory clearance for the sale of existing or any future products or that any of the Company's products will be commercially viable.

Going Concern

The accompanying interim statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities and commitments in the normal course of business. The Company has experienced negative cash flows from operations since inception and has an accumulated deficit of approximately \$363 million and a working capital deficiency of approximately \$7.8 million at April 30, 2013. The Company has funded its activities to date almost exclusively from debt and equity financings, as well as the recent sales of non-essential real estate assets in fiscal 2012 and fiscal 2013.

The Company will continue to require substantial funds to continue research and development, including pre-clinical studies and clinical trials of its product candidates, and to commence sales and marketing efforts, if the U.S. Food and Drug Administration or other regulatory approvals are obtained. Management's plans in order to meet its operating cash flow requirements include financing activities such as private placements of its common stock, preferred stock offerings, issuances of debt and convertible debt instruments. Management will be limited in the financing activities that the Company undertakes in the near future as the securities purchase agreements that the Company entered into on January 31, 2012, August 8, 2012 and December 10, 2012 with certain investors prohibit the Company from (i) issuing additional equity securities until 60 days after the effective date of a registration statement covering the resale of the common stock issuable upon exercise of the warrants and conversion of the preferred stock sold in those transactions; and (ii) issuing additional debt or equity securities with variable conversion or exercise prices until February 1, 2013, August 8, 2013 and December 10, 2013, respectively. Management is also actively pursuing financial and strategic alternatives, including strategic investments and divestitures, industry collaboration activities and strategic partners. Management has sold, and is also seeking further sales of, non-essential real estate assets which are classified as Assets Held for Investment to augment its cash position.

These factors raise substantial doubt regarding the Company's ability to continue as a going concern. There are no assurances that such additional funding will be achieved and that it will succeed in its future operations. The interim statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or amounts of liabilities that might be necessary should the Company be unable to continue in existence. The Company's inability to obtain required funding in the near future or its inability to obtain funding on favorable terms will have a material adverse effect on its operations and strategic development plan for future growth. If the Company cannot successfully raise additional capital and implement its strategic development plan, its liquidity, financial condition and business prospects will be materially and adversely affected, and the Company may have to cease operations.

(A DEVELOPMENT STAGE COMPANY)

NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

Note 2 – Effects of Recent Accounting Pronouncements:

Recently Adopted Accounting Pronouncements

In May 2011, the FASB issued further guidance on fair value measurements and disclosures which requires the categorization by level for items that are only required to be disclosed at fair value and information about transfers between Level 1 and Level 2. In addition, the update provides guidance on measuring the fair value of financial instruments managed within a portfolio and the application of premiums and discounts on fair value measurements. The guidance requires additional disclosure for Level 3 measurements regarding the sensitivity of fair value to changes in unobservable inputs and any interrelationships between those inputs. The guidance was effective for the Company's interim period ended April 30, 2012. The adoption of this new accounting guidance did not have a material impact on the Company's interim statements.

Recently Issued Accounting Pronouncements

In June 2011, the FASB issued guidance regarding the presentation of Comprehensive Income within financial statements. The guidance will be effective for the Company's annual fiscal period ended July 31, 2013 and subsequent interim periods. The Company does not expect the adoption of this new accounting guidance to have a material impact on its interim statements.

Note 3 – Stock-Based Compensation:

As of April 30, 2013, the Company had two stockholder-approved stock incentive plans under which shares and options exercisable for shares of common stock have been or may be granted to employees, directors, consultants and advisors. A total of 12,000,000 shares of common stock are reserved for issuance under the 2001 Stock Option Plan (the 2001 Plan) and 60,000,000 shares of common stock are reserved for issuance under the 2006 Stock Plan as amended (the 2006 Plan). At April 30, 2013, there were 4,555,222 and 19,389,704 shares of common stock reserved for future awards under the 2001 Plan and 2006 Plan, respectively. The Company issues new shares of common stock from the shares reserved under the respective Plans upon conversion or exercise of options and issuance of restricted shares.

The 2001 and 2006 Plans (the Plans) are administered by the Board of Directors (the Board). The Board is authorized to select from among eligible employees, directors, advisors and consultants those individuals to whom options are to be granted and to determine the number of shares to be subject to, and the terms and conditions of the options. The Board is also authorized to prescribe, amend and rescind terms relating to options granted under the Plans. Generally, the interpretation and construction of any provision of the Plans or any options granted hereunder is within the discretion of the Board.

The Plans provide that options may or may not be Incentive Stock Options (ISOs) within the meaning of Section 422 of the Internal Revenue Code. Only employees of the Company are eligible to receive ISOs, while employees and non-employee directors, advisors and consultants are eligible to receive options which are not ISOs, i.e. "Non-Qualified Options." The options granted by the Board in connection with its adoption of the Plans were Non-Qualified Options. In addition, the 2006 Plan also provides for restricted stock grants.

The fair value of each option granted is estimated on the grant date using the Black-Scholes option pricing model which takes into account as of the grant date the exercise price and expected life of the option, the current price of the underlying stock and its expected volatility, expected dividends on the stock and the risk-free interest rate for the term of the option.

In the case of restricted stock grants under the 2006 Plan, fair market value of the shares is established as the market price on the date of the stock grant.

The following is a summary of the common stock options granted, forfeited or expired and exercised under the Plans for the nine months ended April 30, 2013:

		Weighted	
		Average	
		Exercise	Aggregate
		Price	Intrinsic
	Options	Share	Value
Outstanding, August 1, 2012	10,979,634	\$0.257	
Add: Granted	17,630,299	0.001	
Less: Forfeited or expired	485,778	0.727	
Less: Exercised	1,056,488	0.001	\$37,320
Outstanding, April 30, 2013	27,067,667	\$ <u>\$ 0.092</u>	\$546,025
Exercisable, April 30, 2013	26,995,167	\$ <u>\$ 0.090</u>	\$546,025

(A DEVELOPMENT STAGE COMPANY)

NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

The 27,067,667 outstanding options at April 30, 2013 had a weighted average remaining contractual term of 4.36 years.

The following is a summary of the non-vested common stock options granted, vested and forfeited under the Plan for the nine months ended April 30, 2013:

		Gr	eighted Average ant Date
	Options	Fa	ir Value
Outstanding, August 1, 2012	172,500	\$	0.46
Granted	17,630,299	Ψ	0.001
Vested	(17,716,549)		0.022
Forfeited	(13,750)		0.46
Outstanding, April 30, 2013	72,500	\$	0.46

As of April 30, 2013, the Company had \$14,883 of total unrecognized compensation cost related to non-vested share-based compensation arrangements granted under the Plans. That cost is expected to be recognized over a weighted-average period of 0.45 years.

Note 4 - Comprehensive Income and Loss:

Comprehensive loss, which includes net loss and the change in the foreign currency translation account, for the nine months ended April 30, 2013, was \$5,012,734. Comprehensive loss, which includes net loss and the change in the foreign currency translation account, for the nine months ended April 30, 2012, was \$8,014,132.

Comprehensive income, which includes net income and the change in the foreign currency translation account, for the three months ended April 30, 2013, was \$1,296,841. Comprehensive loss, which includes net loss and the change in the foreign currency translation account, for the three months ended April 30, 2012, was \$853,204.

Note 5 – Accounts Payable and Accrued Expenses:

Accounts payable and accrued expenses consist of the following:

	April 30, 2013	July 31, 2012
	(Unaudited)	(Audited)
Accounts Payable and Accruals – General and Administrative	\$ 3,640,370	\$ 3,556,160
Accounts Payable and Accruals – Research and Development	3,263,481	2,691,192
Accounts Payable and Accruals – Selling and Marketing	323,953	290,534
Accrued Make-whole Payments on Convertible Preferred Stock (see Note 10)	143,370	402,300
Executive Compensation and Directors' Fees Payable	55,745	75,466
Total	\$ 7,426,919	\$7,015,652

Note 6 – Pending Litigation:

In February 2001, a former business associate of the former Vice President of Research and Development ("VP") of the Company and an entity known as Centrum Technologies Inc. ("CTI") commenced an action in the Ontario Superior Court of Justice against the Company and the VP seeking, among other things, damages for alleged breaches of contract and tortious acts related to a business relationship between this former associate and the VP that ceased in July 1996. The plaintiffs' statement of claim also seeks to enjoin the use, if any, by the Company of three patents allegedly owned by CTI. The three patents are entitled Liquid Formulations for Proteinic Pharmaceuticals, Vaccine Delivery System for Immunization, Using Biodegradable Polymer Microspheres, and Controlled Releases of Drugs or Hormones in Biodegradable Polymer Microspheres. It is the Company's position that the buccal drug delivery technologies which are the subject matter of the Company's research, development, and commercialization efforts, including Generex Oral-lynTM and the RapidMistTM Diabetes Management System, do not make use of, are not derivative of, do not infringe upon, and are entirely different from the intellectual property identified in the plaintiffs' statement of claim. On July 20, 2001, the Company filed a preliminary motion to dismiss the action of CTI as a nonexistent entity or, alternatively, to stay such action on the grounds of want of authority of such entity to commence the action. The plaintiffs brought a cross motion to amend the statement of claim to substitute Centrum Biotechnologies, Inc. ("CBI") for CTI. CBI is a corporation of which 50 percent of the shares are owned by the former business associate and the remaining 50 percent are owned by the Company. Consequently, the shareholders of CBI are in a deadlock. The court granted the Company's motion to dismiss the action of CTI and denied the plaintiffs' cross motion without prejudice to the former business associate to seek leave to bring a derivative action in the name of or on behalf of CBI. The former business associate subsequently filed an application with the Ontario Superior Court of Justice for an order granting him leave to file an action in the name of and on behalf of CBI against the VP and the Company. The Company opposed the application. In September 2003, the Ontario Superior Court of Justice granted the request and issued an order giving the former business associate leave to file an action in the name of and on behalf of CBI against the VP and the Company. A statement of claim was served in July 2004. The Company is not able to predict the ultimate outcome of this legal proceeding at the present time or to estimate an amount or range of potential loss, if any, from this legal proceeding.

(A DEVELOPMENT STAGE COMPANY)

NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

On May 20, 2011, Ms. Perri filed a statement of claim (subsequently amended) in the Ontario Superior Court of Justice, naming as defendants the Company and certain directors of the Company, Mr. Barratt, Ms. Masterson, Mr. McGee, and Mr. Fletcher. In this action, Ms. Perri has alleged that defendants engaged in discrimination, harassment, bad faith and infliction of mental distress in connection with the termination of her employment with the Company. Ms. Perri is seeking damages in this action in excess of \$7,000,000 for, among other things, breach of contract, breach of fiduciary duty, violations of the Ontario Human Rights Code and aggravated and punitive damages. On September 20, 2011, the defendants filed a statement of defense and counterclaim, also naming Time Release Corp., Khazak Group Consulting Corp., and David Khazak, C.A. as defendants by counterclaim, and seeking damages of approximately \$2.3 million in funds that the defendants allege Ms. Perri wrongly caused the Company to pay to third parties in varying amounts over several years and an accounting of certain third-party payments, plus interests and costs. The factual basis for the counterclaim involves payments made by the Company to third parties believed to be related to Ms. Perri. The Company intends to defend this action and pursue its counterclaim vigorously and is not able to predict the ultimate outcome of this legal proceeding at the present time or to estimate an amount or range of potential loss, if any, from this legal proceeding.

On June 1, 2011, Golden Bull Estates Ltd. filed a claim (subsequently amended) in the Ontario Superior Court of Justice, naming the Company, 1097346 Ontario, Inc. and Generex Pharmaceuticals, Inc. as defendants. The plaintiff, Golden Bull Estates, is controlled by Ms. Perri. The plaintiff alleges damages in the amount of \$550,000 for breach of contract, \$50,000 for punitive damages, plus interest and costs. The plaintiff's claims relate to an alleged contract between the plaintiff and the Company for property management services for certain Ontario properties owned by the Company. The Company terminated the plaintiff's property management services in April 2011. Following the close of pleadings, the Company served a motion for summary judgment. The plaintiff responded by amending its statement of claim to include a claim to the Company's interest in certain of its real estate holdings. The plaintiff moved for leave to issue and register a Certificate of Pending Litigation in respect of this real estate. The motion was not successful in respect of any current real estate holdings of the Company. The Company is not able to predict the ultimate outcome of this legal proceeding at the present time or to estimate an amount or range of potential loss, if any, from this legal proceeding.

In August 2011, the estate of Antonio Perri, the late father of Ms. Perri, commenced an action against Generex Pharmaceuticals, Inc., the law firm of Brans, Lehun, Baldwin LLP and William Lehun in the Ontario Superior Court of Justice claiming that the estate is entitled to the proceeds of sale (approximately \$1,730,000) received by the Company on its sale of two properties to Golden Bull Estates Ltd., a company controlled by Ms. Perri. The suit alleges that no consideration was received when the Company purchased the two properties from Antonio Perri in 1998. The Company has responded to this statement of claim and intends to defend this action vigorously. The

Company is not able to predict the ultimate outcome of this legal proceeding at the present time or to estimate an amount or range of potential loss, if any, from this legal proceeding.

In December 2011, a vendor of the Company commenced an action against the Company and its subsidiary, Generex Pharmaceuticals, Inc., in the Ontario Superior Court of Justice claiming damages for unpaid invoices including interest in the amount of \$429,000, in addition to costs and further interest. The Company responded to this statement of claim and also asserted a counterclaim in the proceeding for \$200,000 arising from the vendor's breach of contract and detinue, together with interest and costs. On November 16, 2012, the parties agreed to settle this action and the Company has agreed to pay the plaintiff \$125,000, following the spinout of its subsidiary Antigen, from the proceeds of any public or private financing related to Antigen subsequent to such spinout. Each party agreed to execute mutual releases to the claim and counterclaim to be held in trust by each party's counsel until payment of the settlement amount. Following payment to the plaintiff, the parties agree that a Consent Dismissal Order without costs will be filed with the court. If the Company fails to make the payment following completion of any post-spinout financing related to Antigen or any other subsidiaries, the Plaintiffs may take out a judgment in the amount of the claim plus interest of 3% per annum and costs fixed at \$25,000.

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The Company is involved in certain other legal proceedings in addition to those specifically described herein. Subject to the uncertainty inherent in all litigation, the Company does not believe at the present time that the resolution of any of these legal proceedings is likely to have a material adverse effect on the Company's consolidated financial position, operations or cash flows.

With respect to all litigation, as additional information concerning the estimates used by the Company becomes known, the Company reassesses its position both with respect to accrued liabilities and other potential exposures.

Note 7 – Commitments:

On December 7, 2009, the Company entered into a long-term agreement with sanofi-aventis Deutschland GmbH ("sanofi"). Under this agreement, sanofi will manufacture and supply recombinant human insulin to the Company in the territories specified in the agreement. Through this agreement, the Company will procure recombinant human insulin crystals for use in the production of Generex Oral-lyn[™]. The terms of the supply agreement required the Company to make certain minimum purchases of insulin from sanofi through the period ended December 31, 2011. To date, the Company has not met the minimum purchase commitments under this agreement. After December 31, 2011, sanofi may terminate the agreement due to the Company's failure to meet such purchase commitments. Upon termination, the Company would be obligated to pay sanofi for all materials and components that it has acquired or ordered to manufacture insulin based on the Company's forecasts or minimum purchase commitments, all related work-in-progress (at cost) and all finished insulin in inventory. To date, the Company has not provided forecasts to sanofi for the purchase of insulin and sanofi has not terminated the agreement.

Note 8 – Net Income/Loss Per Share ("EPS"):

Basic earnings per share ("EPS") and Diluted EPS for the three-month period ended April 30, 2013 have been computed by dividing the net income available to common stockholders for the period by the weighted average shares outstanding and the diluted weighted average shares outstanding during that period, respectively. Per the treasury method of calculating Diluted EPS, 204,230,062 shares representing outstanding stock options and warrants which

have an exercise price lower than the average market price for the quarter ended April 30, 2013 are included in the calculation of EPS. In addition, 17,699,999 shares underlying the remaining Series D convertible preferred stock have been added to the Diluted EPS calculation. All remaining outstanding stock options and warrants which have out-of-the-money exercise prices, representing 43,927,358 incremental shares in aggregate, have been excluded from the April 30, 2013 computation of Diluted EPS, as they are anti-dilutive.

Basic earnings per share ("EPS") and Diluted EPS for the three-month period ended April 30, 2012 have been computed by dividing the net income available to common stockholders for the period by the weighted average shares outstanding and the diluted weighted average shares outstanding during that period, respectively. Per the treasury method of calculating Diluted EPS, 4,076 shares representing outstanding stock options which have an exercise price lower than the average market price for the quarter ended April 30, 2012 are included in the calculation of EPS. All remaining outstanding stock options and warrants which have out-of-the-money exercise prices and common stock underlying convertible preferred stock, representing 95,111,892 incremental shares in aggregate, have been excluded from the April 30, 2012 computation of Diluted EPS, as they are anti-dilutive.

Basic EPS and Diluted EPS for the nine-month periods ended April 30, 2013 and 2012 have been computed by dividing the net loss available to common stockholders for the period by the weighted average shares outstanding during that period. All outstanding stock options, non-vested restricted stock, warrants and common stock underlying convertible preferred stock, representing 277,647,594 incremental shares at April 30, 2013 and 95,115,968 incremental shares at April 30, 2012, have been excluded from the respective computations of Diluted EPS as they are anti-dilutive, due to the losses generated during those periods.

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Note 9 – Stockholders' Deficiency:

Common Stock

During the nine months ended April 30, 2013, the Company issued or committed to issue 3,073,688 shares of common stock to various consultants for services rendered in the amount of \$223,692. The shares were valued at an average of \$0.073 per share.

During the nine months ended April 30, 2013, the Company issued 65,337,495 shares of common stock in conjunction with the conversion of 2,459 shares of the Series B, Series C and Series D 9% Convertible Preferred Stock and 22,118,091 shares of common stock as "make-whole" dividend payments on the Series B, Series C and Series D 9% Convertible Preferred Stock.

During the nine months ended April 30, 2013, the Company issued 26,023,461 shares of common stock upon the exercise of warrants which had an exercise price of \$0.03 per share. The Company received cash proceeds of \$780,704 upon these warrant exercises.

During the nine months ended April 30, 2013, the Company issued 29,184,675 shares of common stock upon the cashless exercise of 85,272,640 warrants which had an exercise price of \$0.03 per share. The warrants exercised had an estimated fair value of \$2,362,616 on the date of exercise.

During the nine months ended April 30, 2013, the Company issued 1,056,488 shares of common stock upon the exercise of employee stock options which had an exercise price of \$0.001 per share. The Company received cash proceeds of \$1,056 from these option exercises.

Stock option expense related to executive and employee options granted in October 2009, resulting in a charge to operations during the nine-month period ended April 30, 2013 of \$27,824 and stock option expense related to options granted to executives, directors and employees in exchange for repayment of deferred salaries was \$585,551.

The stockholders' deficiency transactions for the nine months ended April 30, 2013 as described above are summarized below:

	Common Stock		Additional Paid-In	Change to Stockholders'
	Shares	Amount	Capital	Equity
Issuance of common stock on conversion of convertible preferred stock	65,337,495	\$65,338	\$153,662	\$219,000
Issuance of common stock as make-whole payments on convertible preferred stock	22,118,091	22,118	641,812	663,930
Issuance of common stock for services	3,073,688	3,074	220,618	223,692
Issuance of common stock for cash warrant exercises	26,023,461	26,023	754,681	780,704
Issuance of common stock for cashless warrant exercises	29,184,675	29,185	2,333,431	2,362,616
Issuance of common stock for stock option exercises	1,056,488	1,056		1,056
Issuance of options in lieu of deferred salary			585,551	585,551
Amortization of stock options as employee compensation			27,824	27,824
Total	146,793,898	\$146,794	\$4,717,579	<u>\$ 4.</u> 864.373

Warrants

The following is a summary of warrants issued, forfeited or expired and exercised for the nine months ended April 30, 2013:

	Warrants		
Outstanding, August 1, 2012	74,264,078		
Add: Issued	270,594,093		
Less: Exercised	111,803,243		
Less: Expired	175,000		
Outstanding, January 31, 2013	232,879,928		

The outstanding warrants at April 30, 2013 have a weighted average exercise price of \$0.091 per share and have a weighted average remaining life of 3.25 years.

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As of April 30, 2013, the Company has 124,933,402 warrants with a current exercise price of \$0.03 and an expiry date of March 31, 2016, 6,041,893 warrants with a current exercise price of \$0.03 and an expiry date of July 11, 2016, 27,272,720 warrants with a current exercise price of \$0.03 and an expiry date of September 30, 2016, 7,524,145 warrants with a current exercise price of \$0.03 and an expiry date of February 2, 2017, 24,565,367 warrants with a current exercise price of \$0.03 and an expiry date of February 2, 2017, 24,565,367 warrants with a current exercise price of \$0.03 and an expiry date of August 10, 2017 and 24,999,999 warrants with a current exercise price of \$0.03 and an expiry date of August 10, 2017 and 24,999,999 warrants with a current exercise price of \$0.03 and an expiry date of December 10, 2017 (215,337,526 warrants in total), which have price protection provisions that allow for the reduction in the current exercise price upon the occurrence of certain events, including the Company's issuance of common stock or securities convertible into or exercisable for common stock, such as options and warrants, at a price per share less than the exercise price then in effect. For instance, if the Company issues shares of its common stock less than the exercise price then in effect, the exercise price will be reduced to the effective price of the new issuance. Simultaneously with any reduction to the exercise price, the number of shares of common stock that may be purchased upon exercise of each of these warrants shall be increased proportionately, so that after such adjustment the aggregate exercise price payable for the adjusted number of warrants shall be the same as the aggregate exercise price in effect immediately prior to such adjustment.

The Company's issuance of the following securities will not trigger the price protection provisions of the warrants described above that were issued in connection with the March 2008 private placement: (a) shares of common stock or standard options to the Company's directors, officers, employees or consultants pursuant to a board-approved equity compensation program or other contract or arrangement (up to an aggregate amount of 5,608,926, representing 5% of the common stock issued and outstanding immediately prior to March 31, 2008); (b) shares of common stock issued upon the conversion or exercise of any security, right or other instrument convertible or exchangeable into common stock (or securities exchangeable into common stock) issued prior to March 31, 2008; (c) the shares of common stock issued upon exercise of the warrants issued in March 2008; and (d) shares of common stock and warrants in connection with strategic alliances, acquisitions, mergers, and strategic partnerships, the primary purpose of which is not to raise capital, and which are approved in good faith by the Company's board of directors (up to an aggregate number of 11,217,852, representing 10% of the shares of common stock issued and outstanding immediately prior to March 31, 2008). On December 10, 2012, the Company's triggering of the price protection features of the warrants that were issued in March 2008 resulting in a decrease of the exercise price from \$0.08 to \$0.03 per share and an increase in the number of warrants from 64,653,492 to 172,409,312.

The Company's issuance of the following securities will not trigger the price protection provisions of the warrants issued on July 8, 2011: (I)(a) shares of common stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of

the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose, (b) shares of common stock issued to the vendors identified in Securities Purchase Agreement dated July 8, 2011, in the periodic amounts set forth therein, (c) securities upon the exercise or exchange of or conversion of any Securities issued under the Securities Purchase Agreement dated July 8, 2011 and/or other securities exercisable or exchangeable for or convertible into shares of common stock issued and outstanding on July 8, 2011, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a person (or to the equityholders of a person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities. On December 10, 2012, the triggering of the price protection features of the warrants that were issued in July 2011 resulted in a decrease of the exercise price from \$0.08 to \$0.03 per share and an increase in the number of warrants from 6,249,995 to 16,666,653.

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The Company's issuance of the following securities will not trigger the price protection provisions of the warrants issued on February 2, 2012: (I)(a) shares of common stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose, (b) shares of common stock issued to the vendors identified in Securities Purchase Agreement dated January 31, 2012, in the periodic amounts set forth therein, (c) securities upon the exercise or exchange of or conversion of any Securities issued under the Securities Purchase Agreements dated July 8, 2011 and January 31, 2012 and/or other securities exercisable or exchangeable for or convertible into shares of common stock issued and outstanding on February 2, 2012, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a person (or to the equityholders of a person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities. On December 10, 2012, the triggering of the price protection features of the warrants that were issued in February 2012 resulted in a decrease of the exercise price from \$0.08 to \$0.03 per share and an increase in the number of warrants from 24,999,999 to 66,666,664.

The Company's issuance of the following securities will not trigger the price protection provisions of the warrants issued on August 10, 2012: (I)(a) shares of common stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose, (b) shares of common stock issued to the vendors identified in Securities Purchase Agreement dated August 8, 2012, in the periodic amounts set forth therein, (c) securities upon the exercise or exchange of or conversion of any Securities issued under the Securities Purchase Agreements dated July 8, 2011, January 31, 2012 and August 8, 2012 and/or other securities exercisable or exchangeable for or convertible into shares of common stock issued and outstanding on August 8, 2012, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a person (or to the equityholders of a person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in

securities. On December 10, 2012, the triggering of the price protection features of the warrants that were issued in August 2012 resulted in a decrease of the exercise price from \$0.08 to \$0.03 per share and an increase in the number of warrants from 9,375,000 to 24,999,998.

The Company's issuance of the following securities will not trigger the price protection provisions of the warrants issued on December 10, 2012: (I)(a) shares of common stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose, (b) shares of common stock issued to the vendors identified in Securities Purchase Agreement dated December 10, 2012, in the periodic amounts set forth therein, (c) securities upon the exercise or exchange of or conversion of any Securities issued under the Securities Purchase Agreements dated July 8, 2011, January 31, 2012, August 8, 2012 and December 10, 2012 and/or other securities exercisable or exchangeable for or convertible into shares of common stock issued and outstanding on December 10, 2012, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a person (or to the equityholders of a person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

The Company accounts for the warrants with price protection provisions in accordance with FASB ASC Topic 815 as described in *Note 10 - Derivative Liabilities* below. As of April 30, 2013, there were a total of 215,337,526 warrants with an estimated fair value of \$3,436,312, which are identified on the interim consolidated balance sheets under the caption "Derivative Warrant Liability".

Series A 9% Convertible Preferred Stock

The Company has authorized 5,500 shares of Series A 9% Convertible Preferred Stock with a stated value of one thousand (\$1,000) per share. Pursuant to a securities purchase agreement dated July 8, 2011, the Company sold an aggregate of 2,575 shares of convertible preferred stock, as well as accompanying warrants to purchase 17,166,666 shares of common stocks. An aggregate of 17,166,666 shares of the Company's common stock were issuable upon conversion of the convertible preferred stock which was issued at the initial closing. As of the end of the Company's fiscal year 2012, all of the issued Series A 9% Convertible Preferred Stock had been converted to common stock. There were 17,166,666 shares of common stock issued upon the conversion of the Series A convertible preferred stock and 6,129,666 shares of common stock issued as "make-whole payments" on such conversions.

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Series B 9% Convertible Preferred Stock

The Company has authorized 2,000 shares of Series B 9% Convertible Preferred Stock with a stated value of one thousand (\$1,000) per share. Pursuant to a securities purchase agreement dated January 31, 2012, the Company sold an aggregate of 2,000 shares of Series B convertible preferred stock, as well as accompanying warrants to purchase 13,333,333 shares of common stocks. An aggregate of 13,333,333 shares of the Company's common stock were issuable upon conversion of the Series B convertible preferred stock which was issued at the initial closing. On December 10, 2012, the triggering of the price protection features of the Series B convertible preferred stock resulted in a decrease of the conversion price from \$0.08 to \$0.03 per share and a corresponding increase in the number of common shares underlying the remaining 792 shares of Series B convertible preferred stock as of December 10, 2012, from 9,897,500 to 26,393,333. As of the end of the Company's fiscal quarter ended January 31, 2013, all of the issued Series B 9% Convertible Preferred Stock had been converted to common stock. There were 38,019,163 shares of common stock issued upon the conversion of the Series B convertible preferred stock and 11,207,750 shares of common stock issued as "make-whole payments" on such conversions.

Accounting for proceeds from the Series B convertible preferred stock financing

The net cash proceeds from the Series B convertible preferred stock financing were \$1,975,000. The proceeds from the financing were allocated first to the warrants that were issued in the financing and second to the make-whole payments. As the assigned fair values were greater than the net cash proceeds from the transaction, the excess was treated as a "deemed dividend" for accounting purposes and was reported on the Company's consolidated statements of operations for the fiscal year ended July 31, 2012 under the caption "Preferred Stock Dividend". The calculation methodologies for the fair values of the derivative warrant liability are described in *Note 10 – Derivative Liabilities* below. The fair values assigned to each component and the calculation of the amount of the deemed dividend are as follows:

Accounting allocation of initial proceeds	July 31, 2012
Net proceeds	\$1,975,000
Derivative warrant liability fair value	(1,811,746)
Make-whole payments liability	(540,000)
Deemed dividend	\$(376, 746)

Series C 9% Convertible Preferred Stock

The Company has authorized 750 shares of Series C 9% Convertible Preferred Stock with a stated value of one thousand (\$1,000) per share. Pursuant to a securities purchase agreement dated August 8, 2012, the Company sold an aggregate of 750 shares of Series C convertible preferred stock, as well as accompanying warrants to purchase 9,375,000 shares of common stocks. An aggregate of 9,375,000 shares of the Company's common stock were issuable upon conversion of the Series C convertible preferred stock which was issued at the initial closing. On December 10, 2012, the triggering of the price protection features of the Series C convertible preferred stock resulted in a decrease of the conversion price from \$0.08 to \$0.03 per share and a corresponding increase in the number of common shares underlying the 650 shares of Series C convertible preferred stock as of December 10, 2012 from 8,125,000 to 21,666,666. As of the end of the Company's fiscal quarter ended January 31, 2013, all of the issued Series C 9% Convertible Preferred Stock had been converted to common stock. There were 22,916,665 shares of common stock issued as "make-whole payments" on such conversions.

Accounting for proceeds from the Series C convertible preferred stock financing

The net cash proceeds from the Series C convertible preferred stock financing were \$725,000. The proceeds from the financing were allocated first to the warrants that were issued in the financing and second to the make-whole payments. As the assigned fair values were greater than the net cash proceeds from the transaction, the excess was treated as a "deemed dividend" for accounting purposes and was reported on the Company's interim consolidated statements of operations for the quarter ended October 31, 2012 under the caption "Preferred Stock Dividend". The calculation methodologies for the fair values of the derivative warrant liability and the derivative additional investment rights liability are described in *Note 10 – Derivative Liabilities* below. The fair values assigned to each component and the calculation of the amount of the deemed dividend are as follows:

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Accounting allocation of initial proceeds	October 31, 2012
Net proceeds	\$ 725,000
Derivative warrant liability fair value	(624,797)
Make-whole payments liability	(202,500)
Deemed dividend	\$ (102,297)

Series D 9% Convertible Preferred Stock

The Company has authorized 750 shares of Series D 9% Convertible Preferred Stock with a stated value of one thousand (\$1,000) per share. Pursuant to a securities purchase agreement dated December 10, 2012, the Company sold an aggregate of 750 shares of Series D convertible preferred stock, as well as accompanying warrants to purchase 24,999,999 shares of common stocks. An aggregate of 24,999,999 shares of the Company's common stock are issuable upon conversion of the Series D convertible preferred stock which was issued at the initial closing.

Subject to certain ownership limitations, the convertible preferred stock is convertible at the option of the holder at any time into shares of the Company's common stock at an effective conversion price of \$0.03 per share, and will accrue a 9% dividend until December 10, 2015 and, beginning on December 10, 2015 and on each one year anniversary thereafter, such dividend rate will increase by an additional 3%. The dividend is payable quarterly on September 30, December 31, March 31 and June 30, beginning on December 31, 2012 and on each conversion date in cash, or at the Company's option, in shares of common stock. In the event that the convertible preferred stock is converted prior to December 10, 2015, the Company will pay the holder of the converted preferred stock an amount equal to \$270 per \$1,000 of stated value of the convertible preferred stock, less the amount of all prior quarterly dividends paid on such converted preferred stock before the relevant conversion date. Such "make-whole payment" may be made in cash or, at the Company's option, in shares of preferred stock equal to (on an as-if-converted-to-common-stock basis) and in the same form as dividends (other than dividends in the form of common stock) actually paid on shares of the common stock when, and if such dividends are paid. The Company will incur a late fee of 18% per annum on unpaid dividends.

The conversion price of the convertible preferred stock is subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The conversion price will also be adjusted if the Company sells or grants any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then

conversion price, except in the event of certain exempt issuances. In addition, the holders of convertible preferred stock will be entitled to receive any securities or rights to acquire securities or property granted or issued by the Company pro rata to the holders of its common stock to the same extent as if such holders had converted all of their shares of convertible preferred stock. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the holders of convertible preferred stock will be entitled to receive, upon conversion of their shares, any securities or other consideration received by the holders of the Company's common stock pursuant to the fundamental transaction.

The Company may become obligated to redeem the convertible preferred stock in cash upon the occurrence of certain triggering events, including the failure to provide an effective registration statement covering shares of common stock issuable upon conversion of the convertible preferred stock, material breach of certain contractual obligations to the holders of the convertible preferred stock, the occurrence of a change in control of the Company, the occurrence of certain insolvency events relating to the Company, or the failure of the Company's common stock to continue to be listed or quoted for trading on one or more specified United States securities exchanges or regulated quotation services. Upon the occurrence of certain triggering events, each holder of convertible preferred stock will have the option to redeem such holder's shares of convertible preferred stock for a redemption price payable in shares of common stock or receive an increased dividend rate of 18% on all of such holder's outstanding convertible preferred stock.

In conjunction with the issuance of the Series D convertible preferred stock, the Company also issued 24,999,999 warrants to the investors. Subject to certain ownership limitations, the warrants will be exercisable at any time after their date of issuance and on or before the fifth-year anniversary thereafter at an exercise price of \$0.03 per share of common stock. The exercise price of the warrants and, in some cases, the number of shares issuable upon exercise, are subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The exercise price and number of shares of common stock issuable upon exercise will also be adjusted if the Company sells or grants any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then exercise price, except in the event of certain exempt issuances. In addition, the warrant holders will be entitled to receive any securities or rights to acquire securities or property granted or issued by the Company pro rata to the holders of its common stock to the same extent as if such holders had exercised all of their warrants. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the warrant holders will be entitled to receive, upon exercise of their warrants, any securities or other consideration received by the holders of the Company's common stock pursuant to the fundamental transaction. These warrants have been classified as derivative liabilities and are described further in this note above.

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Due to the anti-dilution adjustments to the Company's outstanding Series B and Series C preferred stock, and the various warrants with anti-dilution provisions, which resulted from the issuance of the Series D convertible preferred stock, the Company did not have sufficient authorized Common Stock to issue upon conversion of all of its outstanding preferred stock and exercise of all of its outstanding warrants at the time of issuance of the Series D convertible preferred stock. The investors agreed that the Series D convertible preferred stock and the accompanying warrants issued would not be convertible or exercisable until the Company's stockholders authorized an amendment to the Company's Certificate of Incorporation increasing the authorized Common Stock to 1,500,000,000 shares. The December 10, 2012 securities purchase agreement required the Company to obtain such authorization within 120 days after closing. If stockholder approval was not obtained in that time, the investors could require the Company to redeem the preferred stock for cash. The stockholder approval was obtained on March 28, 2013 and a registration statement was subsequently filed which was declared effective by the SEC on April 10, 2013.

As of April 30, 2013, 219 of the Series D convertible preferred stock had been converted to common stock. There were 7,299,999 shares of common stock issued upon the conversion of the Series D convertible preferred stock and 2,145,989 shares of common stock issued as "make-whole payments" on such conversions.

Accounting for proceeds from the Series D convertible preferred stock financing

The net cash proceeds from the Series D convertible preferred stock financing were \$725,000. As the Company did not have sufficient authorized capital for the issuance of the shares underlying the Series D convertible preferred stock at the time of issuance, equity treatment was not permitted under GAAP. The Series D convertible preferred stock was classified as a derivative liability on the Company's interim consolidated balance sheet as of the previous quarter ended January 31, 2013. Due to the redemption provision in the event that an increase in the Company's authorized capital was not approved by the stockholders, the Series D convertible preferred stock was reported at that date at its face value of \$750,000. Upon the stockholder approval of the increase in authorized capital on March 28, 2013, the Series D convertible preferred stock met the criteria for equity classification and was reclassified as equity at its then face value of \$750,000. During the quarter ended April 30, 2013, 219 shares were converted to common stock and as of April 30, 2013 the remaining 531 shares of Series D convertible preferred stock, having a value of \$531,000, are reported on the balance sheet as equity.

The initial "make-whole payments" of \$202,500 on the Series D convertible preferred stock were accrued as of the date of the financing and the remaining balance of \$143,370 (after conversions) are included in Accounts Payable and Accrued Expenses (see Note 5) at April 30, 2013. The warrants that were issued with the Series D convertible preferred stock were determined to be derivatives and were valued at their estimated fair value of \$762,355 as of the date of issuance. The calculation methodologies for the fair values of the derivative warrant liability and the derivative additional investment rights liability are described in *Note 10 – Derivative Liabilities* below.

Note 10 - Derivative Liabilities:

Derivative warrant liability

The Company has warrants outstanding with price protection provisions that allow for the reduction in the exercise price of the warrants in the event the Company subsequently issues stock or securities convertible into stock at a price lower than the exercise price of the warrants. Simultaneously with any reduction to the exercise price, the number of shares of common stock that may be purchased upon exercise of each of these warrants shall be increased or decreased proportionately, so that after such adjustment the aggregate exercise price payable for the adjusted number of warrants shall be the same as the aggregate exercise price in effect immediately prior to such adjustment.

Accounting for Derivative Warrant Liability

The Company's derivative warrant instruments have been measured at fair value at April 30, 2013 and July 31, 2012 using the binomial lattice model. The Company recognizes all of its warrants with price protection in its consolidated balance sheets as a liability. The liability is revalued at each reporting period and changes in fair value are recognized currently in the consolidated statements of operations. The initial recognition and subsequent changes in fair value of the derivative warrant liability have no effect on the Company's consolidated cash flows.

(A DEVELOPMENT STAGE COMPANY)

NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

The derivative warrants outstanding at April 30, 2013 are all currently exercisable with a weighted-average remaining life of 3.4 years.

The revaluation of the warrants at each reporting period, as well as the charges associated with issuing additional warrants due to the price protection features, resulted in the recognition of a loss of \$1,092,504 within the Company's consolidated statements of operations for the nine months ended April 30, 2013 and a loss of \$1,603,720 for the nine months ended April 30, 2012, which is included in the consolidated statement of operations under the caption "Change in fair value of derivative liabilities". The fair value of the warrants at April 30, 2013 and July 31, 2012 was \$3,436,312 and \$4,081,627, respectively, which is reported on the consolidated balance sheets under the caption "Derivative Warrant Liability". The following summarizes the changes in the value of the derivative warrant liability from August 1, 2011 until April 30, 2013:

	Value	No. of Warrants	S
Balance at August 1, 2011 – Derivative warrant liability	\$8,745,508	80,234,017	
Exercise of warrants classified as derivative liability	(7,230,734)	(49,863,260)
Additional warrants issued in February 2012 financing	1,811,746	13,333,333	
Additional warrants from price protection features of existing warrants	1,548,813	11,444,440	
Decrease in fair value of derivative warrant liability	(793,706)	n/a	
Balance at July 31, 2012 – Derivative warrant liability	\$4,081,627	55,148,530	
Additional warrants issued in August 2012 financing	624,797	9,375,000	
Additional warrants issued in December 2012 financing	762,355	24,999,999	
Additional warrants from price protection features of existing warrants	7,484,550	236,219,094	
Exercise of warrants	(3,116,589)	(110,405,097)
Decrease in fair value of derivative warrant liability	(6,400,428)	n/a	
Balance at April 30, 2013 – Derivative warrant liability	\$3,436,312	215,337,526	

Fair Value Assumptions Used in Accounting for Derivative Warrant Liability

The Company has determined its derivative warrant liability to be a Level 2 fair value measurement and has used the binominal lattice pricing model to calculate the fair value as of April 30, 2013 and July 31, 2012. The binomial lattice model requires six basic data inputs: the exercise or strike price, time to expiration, the risk free interest rate, the current stock price, the estimated volatility of the stock price in the future, and the dividend rate. Because the warrants contain the price protection feature, the probability that the exercise price of the warrants would decrease as the stock price decreased was incorporated into the valuation calculations. The key inputs used in the April 30, 2013 and July 31, 2012 fair value calculations were as follows:

	April 30, 2013		July 31, 2012	
	(Unaudited)		(Audited)	
Current exercise price	\$ 0.03		\$ 0.15	
Time to expiration	3.37 years		3.9 years	
Risk-free interest rate	0.50	%	0.45	%
Estimated volatility	88	%	104	%
Dividend	-0-		-0-	
Stock price at period end date	\$ 0.026		\$ 0.093	

Note 11 - Income from Assets Held for Investment, net:

In March 2013, the Company sold a property which was held for investment for gross proceeds after real estate commissions of \$256,835. This property had a net book value of \$169,566, resulting in an accounting gain of \$87,682 which is included in income from assets held for investment, net on the consolidated statement of operations. The property was secured by a mortgage which was partially discharged upon the sale, as described in the last paragraph of this note below. After the partial discharge of the mortgage (\$216,810), as well as legal fees, interest, penalties and other costs (\$13,000 in aggregate) the sale resulted in net cash proceeds to the Company of \$27,025.

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NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

In September 2012, the Company sold its head office real estate in Toronto for gross proceeds after real estate commissions of \$1,579,189. This property had a net book value of \$585,064, resulting in an accounting gain of \$994,125 which is included in income from assets held for investment, net on the consolidated statement of operations. The net proceeds after commissions and other expenses were used to discharge or partially discharge the first and second mortgages on the property. The first mortgage on the property, with remaining principal of \$480,951, was discharged completely upon sale. The remaining net proceeds of \$1,028,780 after expenses and the discharge of the first mortgages was used to partially discharge the second mortgage and the Company did not receive any of the net proceeds from this property sale.

In August 2011, the Company sold two properties which were held for investment for gross proceeds after real estate commissions of \$1,669,115. These two properties had a net book value of \$1,029,435, resulting in an accounting gain of \$639,680 which is included in income from assets held for investment, net on the consolidated statement of operations. The two properties had mortgages of \$659,288 which were discharged upon sale, resulting in net cash proceeds to the Company of \$1,009,827.

In March and April, 2012, the Company sold nine commercial condominium units which were held for investment for gross proceeds after real estate commissions of \$2,865,682. These properties had a net book value of \$1,783,932, resulting in an accounting gain of \$1,081,750 which is included in income from assets held for investment, net on the consolidated statement of operations. The net proceeds after commissions and other expenses were used to discharge or partially discharge the first and second mortgages on the properties. There were two first mortgages on the properties, with combined remaining principals of \$571,680, which were discharged completely upon sale. The remaining net proceeds of \$2,190,952 after expenses and the discharge of the first mortgages was used to partially discharge the second mortgage and the Company did not receive any of the net proceeds from these property sales.

The remaining income of \$128,760 in this category in the nine months ended April 30, 2013, pertains to rental income from properties held for investment, net of carrying and operating expenses, compared to \$207,420 in the prior year period.

The properties held for investment have an interest only first mortgage which closed on November 30, 2012 with a principal amount \$853,119, an interest rate of 9.75% compounded semi-annually and a maturity date of November 30,

2013. Upon the sale of the property in March 2013, the mortgage was partially discharged and the remaining balance at April 30, 2013 is \$625,793.

Note 12 – Subsequent Events:

The Company has evaluated subsequent events occurring after the balance sheet date through the date the interim consolidated financial statements were issued and determined that there are no events requiring financial statement disclosure.

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

As used herein, the terms the "Company," "Generex," "we," "us," or "our" refer to Generex Biotechnology Corporation, a Delaware corporation. The following discussion and analysis by management provides information with respect to our financial condition and results of operations for the three and nine-month periods ended April 30, 2013 and 2012. This discussion should be read in conjunction with the information contained in *Part I, Item 1A - Risk Factors* and *Part II, Item 8 - Financial Statements and Supplementary Data* in our Annual Report on Form 10-K for the year ended July 31, 2012, as amended, and the information contained in *Part I, Item 1 - Financial Statements* and *Part II, Item 1A-Risk Factors* in this Quarterly Report on Form 10-Q for the fiscal quarter ended April 30, 2013.

Forward-Looking Statements

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We have made statements in this *Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations* and elsewhere in this Quarterly Report on Form 10-Q of Generex Biotechnology Corporation for the fiscal quarter ended April 30, 2013 that may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 (the "Act"). The Act limits our liability in any lawsuit based on forward-looking statements that we have made. All statements, other than statements of historical facts, included in this Quarterly Report that address activities, events or developments that we expect or anticipate will or may occur in the future, including such matters as our projections, future capital expenditures, business strategy, competitive strengths, goals, expansion, market and industry developments and the growth of our businesses and operations, are forward-looking statements. These statements can be identified by introductory words such as "may," "expects," "anticipates," "plans," "intends," "believes," "will," "estimates" or words of similar meaning, and by the fact that they do not relate strictly to historical or current facts. Our forward-looking statements address, among other things:

our expectations concerning product candidates for our technologies;

our expectations concerning existing or potential development and license agreements for third-party collaborations, acquisitions and joint ventures;

our expectations of when different phases of clinical activity may commence and conclude;

• our expectations of when regulatory submissions may be filed or when regulatory approvals may be received; and

our expectations of when commercial sales of our products may commence and when actual revenue from the product sales may be received.

Any or all of our forward-looking statements may turn out to be wrong. They may be affected by inaccurate assumptions that we might make or by known or unknown risks and uncertainties. Actual outcomes and results may differ materially from what is expressed or implied in our forward-looking statements. Among the factors that could affect future results are:

• the inherent uncertainties of product development based on our new and as yet not fully proven technologies;

the risks and uncertainties regarding the actual effect on humans of seemingly safe and efficacious formulations and treatments when tested clinically;

the inherent uncertainties associated with clinical trials of product candidates;

•the inherent uncertainties associated with the process of obtaining regulatory approval to market product candidates;

• the inherent uncertainties associated with commercialization of products that have received regulatory approval;

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the further decline in our stock price;

our ability to pay dividends on our recently issued preferred stock; and

• our ability to obtain the necessary financing to fund our operations and effect our strategic development plan.

Additional factors that could affect future results are set forth in *Part I, Item 1A Risk Factors* of our Annual Report on Form 10-K for the year ended July 31, 2012, as amended, and in *Part II, Item 1A. Risk Factors* of this Quarterly Report on Form 10-Q. We caution investors that the forward-looking statements contained in this Quarterly Report must be interpreted and understood in light of conditions and circumstances that exist as of the date of this Quarterly Report. We expressly disclaim any obligation or undertaking to update or revise forward-looking statements to reflect any changes in management's expectations resulting from future events or changes in the conditions or circumstances upon which such expectations are based.

Executive Summary

Overview of Business

We are engaged primarily in the research and development of drug delivery systems and technologies. Our primary focus at the present time is our proprietary technology for the administration of formulations of large molecule drugs to the oral (buccal) cavity using a hand-held aerosol applicator. Through our wholly-owned subsidiary, Antigen Express, Inc. ("Antigen"), we have expanded our focus to include immunomedicines incorporating proprietary vaccine formulations.

We believe that our buccal delivery technology is a platform technology that has application to many large molecule drugs and provides a convenient, non-invasive, accurate and cost-effective way to administer such drugs. We have identified several large molecule drugs as possible candidates for development, including estrogen, heparin, monoclonal antibodies, human growth hormone and fertility hormones, but to date have focused our development efforts primarily on one pharmaceutical product, Generex Oral-lynTM, an insulin formulation administered as a fine spray into the oral cavity using our proprietary hand-held aerosol spray applicator known as RapidMistTM.

Our wholly-owned subsidiary, Antigen, concentrates on developing proprietary vaccine formulations that work by stimulating the immune system to either attack offending agents (i.e., cancer cells, bacteria, and viruses) or to stop attacking benign elements (i.e., self proteins and allergens). Our immunomedicine products are based on two platform technologies and are in the early stages of development. We continue clinical development of Antigen's synthetic peptide vaccines designed to stimulate a potent and specific immune response against tumors expressing the HER-2/neu oncogene for patients with HER-2/neu positive breast cancer in a Phase II clinical trial and patients with prostate cancer and against avian influenza in two Phase I clinical trials. We recently initiated an additional Phase I clinical trial in patients with either breast or ovarian cancer. The synthetic vaccine technology has certain advantages for pandemic or potentially pandemic viruses, such as the H5N1 avian and H1N1 swine flu. In addition to developing vaccines for pandemic influenza viruses, we have vaccine development efforts underway for seasonal influenza virus, HIV, HPV, melanoma, ovarian cancer, allergy and Type I diabetes mellitus. We have established collaborations with clinical investigators at academic centers to advance these technologies.

Financial Condition

We are a development stage company with a limited history of operations, and do not expect sufficient revenues to support our operation in the immediately foreseeable future. To date, we have not been profitable and our accumulated net loss available to shareholders was \$362,713,813 at April 30, 2013. As of April 30, 2013, our current cash position is not sufficient to meet our working capital needs for the next twelve months. To continue operations, we will require

additional funds to support our working capital requirements and any development activities, or will need to suspend operations. Management is seeking various alternatives to ensure that we can meet some of our operating cash flow requirements through financing activities, such as private placement of our common stock, preferred stock offerings and offerings of debt and convertible debt instruments as well as through merger or acquisition opportunities. In addition, management is actively seeking strategic alternatives, including strategic investments and divestitures. Management has sold, and is also seeking further sales of, non-essential real estate assets which are classified as Assets Held for Investment to augment its cash position. We cannot provide any assurance that we will obtain the required funding. Our inability to obtain required funding in the near future or our inability to obtain funding on favorable terms will have a material adverse effect on our operations and our strategic development plan for future growth. If we cannot successfully raise additional capital and implement our strategic development plan, our liquidity, financial condition and business prospects will be materially and adversely affected and we may have to cease operations.

Generex Oral-lynTM

Regulatory Approvals and Clinical Trials

To date, we have received regulatory approval in Ecuador, India (subject to further study), Lebanon and Algeria for the commercial marketing and sale of Generex Oral-lynTM. We have previously submitted regulatory dossiers for Generex Oral-lynTM in a number of other countries, including Bangladesh, Kenya, Jordan and Armenia. While we believe these countries will ultimately approve our product for commercial sale, we do not anticipate recognizing revenues in any of these jurisdictions in the next twelve months. No dossier related activities or product shipments have taken place during 2013 to date, nor are any expected in these countries during the remainder of fiscal 2013.

In March 2008, we initiated Phase III clinical trials for this product in the U.S. with the first patient screening for such trials at a clinical study site in Texas in April 2008. Approximately 450 patients have been enrolled to date at approximately 70 clinical sites around the world, including sites in the United States, Canada, Bulgaria, Poland, Romania, Russia, Ukraine and Ecuador. The first Oral-lynTM global Phase III trial initiated in April 2008 had a final patient visit date in August 2011. After appropriate validation, the data from approximately 450 patients was tabulated, reviewed and analyzed. Those results from the Phase III trial along with a comprehensive review and supplemental analyses of approximately 40 prior Oral-lynTM clinical studies were compiled and submitted to the FDA in late December 2011 in a comprehensive package including a composite meta-analysis of all safety data. We are currently in ongoing discussions with the FDA with respect to the pathway for regulatory approval, including any additional clinical or pharmacological studies that might be required to support regulatory approval or enhance marketing success. We do not currently plan to expend significant resources on additional clinical trials of Oral-lynTM until after such time that we secure additional financing.

Marketing

We have entered into licensing and distribution agreements with a number of multinational distributors to assist us with the process of gaining regulatory approval for the registration, marketing, distribution, and sale of Generex Oral-lyn[™] in countries throughout the world. Under these licensing and distribution agreements, excluding one with Dong Sung Pharm Co. in South Korea, we will not receive an upfront license fee, but the distributor will bear any and all costs associated with the procurement of governmental approvals for the sale of Generex Oral-Lyn[™], including any clinical and regulatory costs. We possess the worldwide marketing rights to our oral insulin product.

In India, a marketing plan has been submitted by Shreya Life Sciences Pvt. Ltd., to Generex on the marketing strategy for the distribution of Oral RecosulinTM, the trademark under which Shreya will market Generex Oral-lynTM within India. The marketing plan also includes post-approval marketing studies. Per the requirements of the regulatory approval in India, an in-country clinical study must be completed in India with Oral RecosulinTM before commercial sales can commence. The field portion of the study was completed in the third calendar quarter of 2012. The marketing acceptance dossier has been submitted to the Indian regulatory authority and a response is expected during the third calendar quarter of 2013. We have not recognized any revenues from the sale of Generex Oral-lynTM in India through the end of the 2012 fiscal year or in the first three quarters of the 2013 fiscal year.

We do not currently plan to expend significant resources on additional clinical trials or to further the commercialization of Generex Oral-lynTM until after such time that we secure additional financing.

Cancer and Immunotherapeutic Vaccine Platforms

Our wholly-owned subsidiary Antigen Express is developing proprietary vaccine formulations based upon two platform technologies that were discovered by its founder, the Ii-Key hybrid peptides and Ii-Suppression. These technologies are applicable for either antigen-specific immune stimulation or suppression, depending upon the dosing and formulation of its products. Using active stimulation, we are focusing on major diseases such as breast, prostate and ovarian cancer, melanoma, influenza (including H5N1 avian and H1N1 swine flu) and HIV. Autoimmune diseases such as diabetes and multiple sclerosis are the focus of our antigen-specific immune suppression work.

Antigen's immunotherapeutic vaccine AE37 is currently in Phase II clinical trials for patients with HER-2/neu positive breast cancer. The trial is being conducted with the United States Military Cancer Institute's (USMCI) Clinical Trials Group and will examine the rate of relapse in patients with node-positive or high-risk node-negative breast cancer after two years. The study is randomized and will compare patients treated with AE37 plus the adjuvant GM-CSF versus GM-CSF alone. The Phase II trial follows a Phase I trial that demonstrated safety, tolerability, and immune stimulation of the AE37 vaccine in breast cancer patients.

Based on positive results in trials of the AE37 vaccine in breast cancer patients, we entered into an agreement in August 2006 with the Euroclinic, a private center in Athens, Greece, to commence clinical trials with the same compound as an immunotherapeutic vaccine for prostate cancer. A Phase I trial involving 29 patients was completed in August 2009, which similarly showed safety, tolerability and induction of a specific immune response. Agreements, as well as a protocol, are in place for initiation of a Phase II clinical trial once additional funding is available.

The same technology used to enhance immunogenicity is being applied in the development of a synthetic peptide vaccine for H5N1 avian influenza and the 2009 H1N1 swine flu. In April 2007, a Phase I clinical trial of Antigen's proprietary peptides derived from the hemagglutinin protein of the H5N1 avian influenza virus was initiated in healthy volunteers in the Lebanese-Canadian Hospital in Beirut, Lebanon. We have completed the first portion of the Phase I trial. Modified peptide vaccines for avian influenza offer several advantages over traditional egg-based or cell-culture based vaccines. Modified peptide vaccines can be manufactured by an entirely synthetic process which reduces cost and increases both the speed and quantity of vaccine relative to egg- or cell-culture based vaccines. Another advantage is that the peptides are derived from regions of the virus that are similar enough in all H5N1 and H1N1 virus strains such that they would not have to be newly designed for the specific strain to emerge in a pandemic.

A Physician's Investigational New Drug ("IND") application for the Phase I and Phase II trials in patients with stage II HER-2/neu positive breast cancer has been filed with the FDA. The Phase I trial was completed at the Walter Reed Army Medical Center in Washington, D.C., and the Phase II trial is taking place at 13 sites, including 11 in the U.S., one in Germany and one in Greece. A Physician's Investigational New Drug application for a Phase I trial in patients with breast or ovarian cancer also has been filed with the FDA and this Phase I trial is being conducted in Dallas, Texas at the Mary Crowley Cancer Center. Applications were filed and approvals obtained for a Phase I trial was completed in August 2009. The Ministry of Health in Lebanon gave approval for Phase I trial of our experimental H5N1 prophylactic vaccine in Beirut, Lebanon following submission of an application. All other immunomedicine products are in the pre-clinical stage of development.

Other Potential Buccal Products

We have had past discussions regarding possible research collaborations with various pharmaceutical companies concerning use of our large molecule drug delivery technology with other compounds, including monoclonal antibodies, human growth hormone, fertility hormone, estrogen and heparin, and a number of vaccines. We have not expended resources to further develop any of these products during the fiscal year ended July 31, 2012 or in the first three quarters of fiscal 2013 and do not currently have any plans to expend further resources on these products.

Competition

We face competition from other providers of alternate forms of insulin. Some of our most significant competitors, Pfizer, Eli Lilly, and Novo Nordisk, have announced that they will discontinue development and/or sale of their inhalable forms of insulin. Generex Oral-lynTM is not an inhaled insulin; rather, it is a buccally absorbed formulation with no residual pulmonary deposition. We believe that our buccal delivery technology offers several advantages, including the ease of use, portability, avoidance of pulmonary inhalation and safety profile. Furthermore, insulin administered through the Generex Oral-lynTM RapidMistTM technology is absorbed directly into the blood stream and not only acts rapidly, but returns to baseline quickly, thereby minimizing the chance of developing hypoglycemia.

In May 2009, Mannkind Corporation submitted an NDA to the FDA requesting approval to market AFREZZA(R) (insulin human [rDNA origin]) Inhalation Powder, for the treatment of adult patients with Type 1 and Type 2 diabetes for the control of hyperglycemia. In January 2011, MannKind announced that it had received a complete response letter from the FDA for AFREZZA®. In August 2011, MannKind announced that it has confirmed with the FDA the design of the two additional clinical studies which are required for AFREZZA®. Results are expected to be released for these two additional studies in August 2013. In addition to other delivery systems for insulin, there are numerous products, such as sulfonylureas (Amaryl®and Glynase®), biguanides (branded and generic metformin products), thiazolidinediones (Avandia®and Actos®), glucagon-like peptide 1 (Byetta®and Victoza®), and dipeptidyl peptidase IV inhibitors (Januvia® and OnglyzaTM), which have been approved for use in the treatment of Type 2 diabetics in substitution of, or in addition to, insulin therapy. These products may also be considered competitive with insulin products.

Large pharmaceutical companies, such as Merck & Co., Inc., GlaxoSmithKline PLC, Novartis, Inc., MedImmune Inc. (a subsidiary of Astra-Zeneca, Inc.) and others, also compete against us in the oncology, immunomedicine and vaccine markets. These companies have competing experience and expertise in securing government contracts and grants to support research and development efforts, conducting testing and clinical trials, obtaining regulatory approvals to market products, as well as manufacturing and marketing approved products. As such, they are also considered significant competitors in these fields of pharmaceutical products and therapies. There are also many smaller companies which are pursuing similar technologies in these fields who are considered to be competitors of Generex.

Brief Company Background

We are a development stage company. From inception through the end of the quarter ended April 30, 2013, we have received only limited revenues from operations. We did not have any revenue for the nine months ended April 30, 2013 and in the fiscal year ended July 31, 2012, we generated \$28,651 in revenue. The revenue in fiscal year ended July 31, 2012 pertained to the sale of our consumer/over-the-counter products which were discontinued in that year. These numbers do not reflect deferred sales to customers during the respective periods with the right of return.

We operate in only one segment: the research and development of drug delivery systems and technologies for metabolic and immunological diseases.

We were incorporated in the State of Delaware in 1997. Our principal executive offices are located at 555 Richmond Street West, Suite 604, Toronto, Canada, and our telephone number at that address is (416) 364-2551. We maintain an Internet website at *www.generex.com*. We make available free of charge on or through our website our filings with the SEC.

Accounting for Research and Development Projects

Our major research and development projects are the refinement of our platform buccal delivery technology, our buccal insulin project (Generex Oral-lynTM) and Antigen's peptide immunotherapeutic vaccines.

During the first nine months of the current fiscal year and during the last fiscal year, we expended resources on the clinical testing and results analysis of our buccal insulin product, Generex Oral-lynTM. In July 2007, we received no objection from the FDA to proceed with our long-term multi-center Phase III study protocol for Generex Oral-lynTM. The first Oral-lyn global Phase III trial initiated in April 2008 had a final patient visit date in August 2011. After appropriate validation, the data from approximately 450 patients was tabulated, reviewed and analyzed. Those results from the Phase III trial along with a comprehensive review and supplemental analyses of approximately 40 prior Oral-lyn clinical studies were compiled and submitted to the FDA in late December 2011 in a comprehensive package including a composite meta-analysis of all safety data. We are currently in ongoing discussions with the FDA with respect to the pathway for regulatory approval, including any additional clinical or pharmacological studies that might be required to support regulatory approval or enhance marketing success. Late-stage trials involve testing our product with a large number of patients over a significant period of time. The completion of late-stage trials in Canada and the United States will require significantly greater funds than we currently have on hand. We do not currently plan to expend significant resources on additional clinical trials of Oral-lynTM until after such time that we secure additional financing.

During the first nine months of the current fiscal year and during the last fiscal year, we expended resources on research and development relating to Antigen's peptide immunotherapeutic vaccines and related technologies. Antigen has one vaccine currently in Phase II clinical trials in the United States involving patients with HER-2/neu positive breast cancer and has completed a Phase I clinical trial for a vaccine for H5N1 avian influenza at the Lebanese-Canadian Hospital in Beirut. Antigen's prostate cancer vaccine based on AE37 has been tested in a completed (August 2009) Phase I clinical trial in Greece.

Because of various uncertainties, we cannot predict the timing of completion and commercialization of our buccal insulin in all jurisdictions or Antigen's peptide immunotherapeutic vaccines or related technologies. These uncertainties include the success of current studies, our ability to obtain the required financing and the time required to obtain regulatory approval even if our research and development efforts are completed and successful, our ability to enter into collaborative marketing and distribution agreements with third-parties, and the success of such marketing and distribution arrangements. For the same reasons, we cannot predict when any products may begin to produce net cash inflows.

Most of our buccal delivery research and development activities to date have involved developing our platform technology for use with insulin. Insubstantial amounts have been expended on projects with other drugs, including morphine and fentanyl, and those projects involved a substantial amount of platform technology development. As a result, we have not made significant distinctions in the accounting for research and development expenses among products, as a significant portion of all research has involved improvements to the platform technology in connection with insulin, which may benefit all of our potential buccal products. During the nine months ended April 30, 2013, approximately 23% of our \$1,631,987 in research and development expenses was attributable to insulin and platform technology development. During the nine months ended April 30, 2012, approximately 63% of our \$3,835,715 in research expenses was attributable to insulin and platform technology development.

During the nine months ended April 30, 2013, approximately 77%, or \$1,263,286 of our research and development expenses was attributable to Antigen's immunomedicine products compared to approximately 37% or \$1,430,652, of our research and development expenses for the nine months ended April 30, 2012. Because these products are in initial phases of clinical trials or early, pre-clinical stage of development (with the exception of the Phase II clinical trials of Antigen HER-2/neu positive breast cancer vaccine that are underway), all of the expenses were accounted for as basic research and no distinctions were made as to particular products. Due to the early stage of development, we cannot predict the timing of completion of any products arising from this technology, or when products from this technology might begin producing revenues.

Critical Accounting Policies

Our discussion and analysis of our financial condition and results of operations is based on our interim consolidated financial statements which have been prepared in conformity with accounting principles generally accepted in the

United States of America for interim financial statements. These principles require management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

We consider certain accounting policies related to impairment of long-lived assets, intangible assets and accrued liabilities to be critical to our business operations and the understanding of our results of operations:

<u>Going Concern.</u> As shown in the consolidated interim financial statements, we have not been profitable and have reported recurring losses from operations. These factors raise substantial doubt about our ability to continue to operate in the normal course of business. The consolidated interim financial statements do not include any adjustments that might be necessary should we be unable to continue as a going concern.

<u>Revenue Recognition</u>. Net sales of our over-the-counter confectionary products are generally recognized in the period in which the products are delivered. Delivery of the products generally completes the criteria for revenue recognition for us. In the event where the customers have the right of return, sales are deferred until the right of return lapses, the product is sold to a third party or a provision for returns can be reasonably estimated based on historical experience.

<u>Impairment of Long-Lived Assets</u>. Management reviews for impairment whenever events or changes in circumstances indicate that the carrying amount of property and equipment may not be recoverable under the provisions of accounting for the impairment of long-lived assets. If it is determined that an impairment loss has occurred based upon expected future cash flows, the loss is recognized in the Statement of Operations. As of April 30, 2013, there were no indications of any impairments of our long-lived assets.

<u>Intangible Assets</u>. We have intangible assets related to patents. The determination of the related estimated useful lives and whether or not these assets are impaired involves significant judgments. In assessing the recoverability of these intangible assets, we use an estimate of undiscounted operating income and related cash flows over the remaining useful life, market conditions and other factors to determine the recoverability of the asset. If these estimates or their related assumptions change in the future, we may be required to record impairment charges against these assets. In the fiscal year ended July 31, 2012, we recorded a write down of \$440,780 on certain patents. There have been no patent write downs or disposals in the 2013 fiscal year to date.

Estimating accrued liabilities, specifically litigation accruals. Management's current estimated range of liabilities related to pending litigation is based on management's best estimate of future costs. While the final resolution of the litigation could result in amounts different than current accruals, and therefore have an impact on our consolidated financial results in a future reporting period, management believes the ultimate outcome will not have a significant effect on our consolidated results of operations, financial position or cash flows.

<u>Share-based compensation</u>. Management determines value of stock-based compensation to employees in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 718, Compensation – Stock Compensation. Management determines value of stock-based compensation to non-employees and consultants in accordance with and ASC 505, Equity-Based Payments to Non-Employees.

<u>Derivative warrant liability</u>. FASB ASC 815, Derivatives and Hedging, requires all derivatives to be recorded on the balance sheet at fair value for fiscal years beginning after December 15, 2008. As a result, certain derivative warrant liabilities (namely those with a price protection feature) are now separately valued as of August 1, 2009 and accounted for on our balance sheet, with any changes in fair value recorded in earnings. For our balance sheets as of April 30, 2013 and July 31, 2012, we used the binomial lattice model to estimate the fair value of these warrants. Key assumptions of the binomial lattice option-pricing model include the market price of our stock, the exercise price of the warrants, applicable volatility rates, risk-free interest rates, expected dividends and the instrument's remaining term. These assumptions require significant management judgment. In addition, changes in any of these variables during a period can result in material changes in the fair value (and resultant gains or losses) of this derivative instrument.

Results of Operations

Three months ended April 30, 2013 Compared to Three months ended April 30, 2012

We had net income for the quarter ended April 30, 2013 of \$1,297,448 versus net income of \$867,857 in the corresponding quarter of the prior fiscal year. The income in this year's fiscal quarter was primarily caused by the gain

due to the change in fair value of the derivative liabilities of \$2,690,786, which was offset by operating expenses of \$1,433,640, while in the prior year period there was gain due to the change in fair value of the derivative liabilities of \$2,608,825, which was offset by operating expenses were \$2,471,052. Our operating loss for the quarter ended April 30, 2013 decreased to \$1,433,640 compared to \$2,466,270 in the same fiscal quarter of 2012. The decrease in operating loss resulted from a decrease in research and development expenses (to \$478,110 from \$1,127,047), a decrease in general and administrative expenses (to \$955,530 from \$1,325,747) and a decrease in selling and marketing expense (to \$0 from \$18,258). We did not have any revenues in the quarter ended April 30, 2013 and only had revenues of \$7,012 in the quarter ended April 30, 2012, reflecting our decision to discontinue sales of our over-the-counter products.

The decrease in research and development expenses in the current fiscal quarter versus the comparative quarter in the previous fiscal year is primarily due to our efforts to significantly reduce expenses in all categories to conserve cash. The decrease in general and administrative expenses is related to a decrease in payroll related expenses of approximately \$152,000 and a decrease in professional services expenses including legal and accounting services of approximately \$231,000 in the quarter ended April 30, 2013, as compared to the previous year quarter ended April 30, 2012, as well as reductions of expenses in most other categories due to efforts to conserve cash until we complete the strategic development plan announced by management on March 30, 2011. The decrease in selling expenses for the quarter ended April 30, 2013 versus the prior year comparative quarter is associated with no longer expending resources on the over-the-counter products in the current fiscal period.

Our interest expense in the third quarter of fiscal 2013 was \$86,421 compared to the previous year's fiscal quarter at \$423,674 due primarily to interest penalties associated with the discharge of mortgages incurred in the previous year's quarter, whereas in the current year the interest pertains to interest on the current mortgage and amortization of deferred debt issuance costs. We recognized lower income from assets held for investment (net of expense) of \$126,701 in the third quarter of fiscal 2013 compared to \$1,148,526 in the same quarter of the previous fiscal year due to the sale of most of our properties held for investment, as well as a gain from sale of properties of \$87,682 in the third quarter of this year versus a gain of \$1,081,750 in the prior year quarter. Change in fair value of derivative liabilities contributed a gain of \$2,690,786 in the current year quarter, while in the prior year quarter, there was a gain of \$2,608,825.

Nine months ended April 30, 2013 Compared to Nine months ended April 30, 2012

We had a net loss for the nine-month period ended April 30, 2013 of \$4,999,736 versus a net loss of \$7,914,440 in the corresponding nine-month period of the prior fiscal year. The loss in this year's fiscal nine-month period was primarily caused by operating expenses of \$4,664,451 and a loss due to the change in the fair value of the derivative liabilities of \$1,092,504, offset by income from assets held for investment of \$1,210,567 while in the prior year, operating expenses were \$7,735,058, the loss due to the change in the fair value of the derivative liabilities was \$1,603,720 and income from assets held for investment was \$1,928,850. Our operating loss for the nine-month period ended April 30, 2013 decreased to \$4,664,451 compared to \$7,722,279 in the same fiscal period of 2012. The decrease in operating loss resulted from a decrease in research and development expenses (to \$1,631,987 from \$3,835,715), a decrease in general and administrative expenses (to \$3,032,464 from \$3,732,027) and a decrease in selling and marketing expense (to \$0 from \$167,316). We did not have any revenues in the nine-month period ended April 30, 2013 and in the nine-month period ended April 30, 2012 we only had revenues of \$21,901, reflecting our decision to discontinue sales

of our over-the-counter products.

The decrease in research and development expenses in the current fiscal nine-month period versus the comparative nine-month period in the previous fiscal year is primarily due to there being no significant expenditures in this fiscal year related to the field portion of the global Phase III clinical trials of our oral insulin product and platform technology which was completed in the first quarter of the prior fiscal year. Our efforts to significantly reduce expenses in all categories also contributed to the decrease in this category. The decrease in general and administrative expenses is related to a decrease in payroll related expenses of approximately \$442,000 and a decrease in professional services expenses including legal and accounting services of approximately \$53,000 in the nine-month period ended April 30, 2013, as compared to the previous year nine-month period ended April 30, 2012, as well as reductions of expenses in most other categories due to efforts to conserve cash until we complete the strategic development plan announced by management on March 30, 2011. The decrease in selling expenses for the nine-month period ended April 30, 2013 versus the prior year comparative nine-month period is associated with no longer expending resources on the over-the-counter products in the current fiscal period.

Our interest expense in the first three quarters of fiscal 2013 was \$453,677 compared to the previous year period at \$518,506 which consisted primarily of the accrual of the "make-whole" dividend payments of \$202,500 on the December 2012 Series D convertible preferred stock financings, as well as penalties on the discharge of previous mortgages and interest payments on current mortgages. We recognized lower income from assets held for investment (net of expense) of \$1,210,567 in the first three quarters of fiscal 2013 compared to \$1,928,850 in the same period of the previous fiscal year due to a gain on sale of properties held for investment of \$1,081,807. In the previous year, we had a gain on sale of properties held for investment of \$1,721,430. Change in the fair value of derivative liabilities contributed a loss of \$1,092,504 in the current year nine-month period, while in the prior year nine-month period, the loss was \$1,603,720.

Our net income available to shareholders was decreased by \$102,297 in first three fiscal quarters of fiscal 2013 relating to a preferred stock dividend as a result of the accounting treatment of our convertible preferred stock financing in August 2012. In the comparable fiscal 2012 period, there was a preferred stock dividend of \$376,746. These amounts represent deemed dividends to the investors as a result of these financings, as further described in Note 9 to the *Notes to Consolidated Financial Statements* included elsewhere in this Quarterly Report.

Financial Condition, Liquidity and Resources

Sources of Liquidity

To date we have financed our development stage activities primarily through private placements of our common stock and securities convertible into our common stock.

As of April 30, 2013, our current cash position is not sufficient to meet our working capital needs for the next twelve months. Therefore, we will require additional funds to support our working capital requirements and any development or other activities, or will need to curtail our clinical trials and other planned activities or suspend operations.

While we have financed our development stage activities to date primarily through private placements of our common stock and securities convertible into our common stock and raised approximately \$4.0 million during fiscal 2012 (including the net proceeds from mortgage financings in January and February 2012) and approximately \$3.0 million during fiscal 2013 to date (including the proceeds from our mortgage financing in November 2012 and proceeds from warrant exercises), our cash balances have been extremely low thus far in fiscal 2013.

On March 30, 2011, our realigned management team announced its strategic development plan for Generex's future growth. The plan included the spin-out of Antigen Express, a reverse stock split for Generex and a rights offering to Generex stockholders. As proposed, we would spin out Antigen Express as a separate DTC-eligible company, register its shares with the Securities and Exchange Commission (the "SEC"), and seek to list its shares on a national securities exchange. Management believes that the spin-out would increase value for stockholders and provide Antigen Express with ready access to capital markets to finance its on-going clinical and regulatory initiatives. Management further believes that the spin-out would benefit Generex, by allowing Generex to hold a controlling interest in a publicly-traded company while continuing to focus on maximizing opportunities for its buccal drug delivery platform. The spin-out would be accomplished by the issuance of one or more dividends of Antigen Express stock to Generex stockholders. No determination has been made as to the timing of the proposed spin-out. *This Quarterly Report on Form 10-Q does not constitute an offer of any securities for sale or a solicitation of an offer to buy any securities*.

Although stockholders approved a reverse stock split proposal at the March 28, 2013 annual meeting of stockholders, the terms of the securities purchase agreements that we entered into on January 31, 2012, August 8, 2012 and December 10, 2012 also prohibit us from undertaking a reverse or forward stock split or reclassification of our common stock except for a reverse stock split made in conjunction with a listing of the common stock on a national securities exchange.

Management may seek to meet all or some of our operating cash flow requirements through financing activities, such as private placement of our common stock, preferred stock offerings and offerings of debt and convertible debt instruments as well as through merger or acquisition opportunities. The securities purchase agreements that we entered into on January 31, 2012, August 8, 2012 and December 10, 2012 with certain investors prohibits us from (i) issuing additional equity securities until 60 days after the effective date of a registration statement covering the resale of the common stock issuable upon exercise of the warrants and conversion of the preferred stock sold in each transaction and (ii) issuing additional debt or equity securities with a variable conversion or exercise price until February 1, 2013, August 10, 2013 and December 10, 2013, respectively.

Upon the filing of our Annual Report on Form 10-K on October 14, 2011, we were no longer eligible to use Form S-3 to register shares sold to investors, as the aggregate market value of our outstanding voting and non-voting common equity held by non-affiliates was less than \$75 million. As we are required under the registration rights agreements that we entered into on January 31, 2012, August 8, 2012 and December 10, 2012 with certain investors to register shares of our common stock issuable upon conversion or exercise of the securities purchased by the investors, we filed the respective registration statements on Form S-1. We incurred additional legal and accounting fees in connection with the preparation of these Form S-1 registration statements.

In addition, management is actively pursuing financial and strategic alternatives, including strategic investments and divestitures, industry collaboration activities, and potential strategic partners. Management has sold, and is also seeking further sales of, non-essential real estate assets which are classified as Assets Held for Investment to augment its cash position and reduce its long-term debt.

We believe that the successful commercial launch of Oral-lynTM in countries where we have approval would enhance our ability to access additional sources of funding. We will continue to require substantial funds to continue research and development, including preclinical studies and clinical trials of our product candidates, further clinical trials for Oral-lynTM and to commence sales and marketing efforts if the FDA or other regulatory approvals are obtained.

Unforeseen problems with the conduct or results of Phase III clinical trials for Oral-lynTM or further negative developments in general economic conditions could interfere with our ability to raise additional capital as needed, or materially adversely affect the terms upon which such capital is available. We cannot provide any assurance that we will obtain the required funding. Our inability to obtain required funding in the near future or our inability to obtain funding on favorable terms will have a material adverse effect on our operations and our strategic development plan

for future growth. If we cannot successfully raise additional capital and implement our strategic development plan, our liquidity, financial condition and business prospects will be materially and adversely affected and we may have to cease operations.

Proceeds from Recent Financing

Series D 9% Convertible Preferred Stock financing

On December 10, 2012, we entered into a securities purchase agreement with certain investors, pursuant to which we agreed to sell an aggregate of 750 shares of our newly designated non-voting Series D 9% Convertible Preferred Stock and warrants to purchase up to an aggregate of 100% of the shares of our common stock issuable upon conversion of the convertible preferred stock. The purchase closed on December 10, 2012. We sold the convertible preferred stock and warrants in units, with each unit consisting of one share of convertible preferred stock and a warrant to purchase 100% of the shares of the Company's common stock issuable upon conversion of such share of convertible preferred stock. Each unit was sold at a negotiated price of \$1,000, for an aggregate purchase price of \$750,000. An aggregate of 50,000,000 shares of our common stock are issuable upon conversion of, or exercise of, the convertible preferred stock and warrants. We received net proceeds of approximately \$725,000 from this transaction, which were reflected in the financial statements for the fiscal quarter ending January 31, 2013.

Subject to certain ownership limitations, the Series D convertible preferred stock will be convertible at the option of the holder at any time into shares of our common stock at an effective conversion price of \$0.03 per share, and will accrue a 9% dividend until December 10, 2015 and, beginning on December 10, 2015 and on each one year anniversary thereafter, such dividend rate will increase by an additional 3%. The dividend will be payable quarterly on September 30, December 31, March 31 and June 30, beginning on the first such date after the original issue date and on each conversion date in cash, or at our option, in shares of common stock. In the event that the convertible preferred stock is converted prior to December 10, 2015, we will pay the holder of the converted preferred stock an amount equal to \$270 per \$1,000 of stated value of the convertible preferred stock, less the amount of all prior quarterly dividends paid on such converted preferred stock before the relevant conversion date. Such "make-whole payment" may be made in cash or, at our option, in shares of our common stock. In addition, beginning December 10, 2015, we will pay dividends on shares of preferred stock before the relevant conversion date. Such "make-whole payment" may be made in cash or, at our option, in shares of our common stock. In addition, beginning December 10, 2015, we will pay dividends on shares of preferred stock equal to (on an as-if-converted-to-common-stock basis) and in the same form as dividends (other than dividends in the form of common stock) actually paid on shares of the common stock when, as and if such dividends are paid. We will incur a late fee of 18% per annum on unpaid dividends.

The conversion price of the Series D convertible preferred stock will be subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The conversion price will also be adjusted if we sell or grant any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then conversion price, except in the event of certain exempt issuances. In addition, the holders of convertible preferred stock will be entitled to receive any securities or rights to acquire securities or property granted or issued by us pro rata to the holders of our common stock to the same extent as if such holders had converted all of their shares of convertible preferred stock. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the holders of convertible preferred stock will be entitled to receive, upon conversion of their shares, any securities or other consideration received by the holders of our common stock pursuant to the fundamental transaction.

We may become obligated to redeem the Series D convertible preferred stock in cash upon the occurrence of certain triggering events, including, material breach of certain contractual obligations to the holders of the convertible preferred stock, the occurrence of a change in control of Generex, the occurrence of certain insolvency events relating to Generex, or the failure of our common stock to continue to be listed or quoted for trading on one or more specified United States securities exchanges or regulated quotation service. Upon the occurrence of certain triggering events, each holder of convertible preferred stock will have the option to redeem such holder's shares of convertible preferred stock for a redemption price payable in shares of common stock or receive an increased dividend rate of 18% on all of such holder's outstanding convertible preferred stock. Late fees will apply on all redemption amounts not paid within five trading days of the payment date.

Subject to certain ownership limitations, the warrants will be exercisable at any time after their date of issuance and on or before the fifth-year anniversary thereafter at an exercise price of \$0.03 per share of common stock. The exercise price of the warrants and, in some cases, the number of shares issuable upon exercise, are subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The exercise price and number of shares of common stock issuable upon exercise will also be adjusted if we sell or grant any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then exercise price, except in the event of certain exempt issuances. In addition, the warrant holders will be entitled to receive any securities or rights to acquire securities or property granted or issued by us pro rata to the holders of our common stock to the same extent as if such holders had exercised all of their warrants. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the warrant holders will be entitled to receive, upon exercise of their warrants, any securities or other consideration received by the holders of common stock pursuant to the fundamental transaction.

The securities purchase agreement and the certificate of designation authorizing the Series D convertible preferred stock include certain agreements and covenants for the benefit of the holders of the convertible preferred stock, including restrictions on our ability to amend the certificate of incorporation and bylaws, pay cash dividends or distributions with respect to our common stock or other junior securities, repurchase more than a *de minimis* number of shares of our common stock or other junior securities.

With very limited exceptions, the investors will have a pro rata right of first refusal in respect of participation in any private debt or equity financings undertaken by us during the 12 months following the closing of the transaction.

We offered these securities privately pursuant to Rule 506 of Regulation D under the Securities Act of 1933. We entered into a registration rights agreement with the investors pursuant to which we agreed to file a registration statement with the SEC covering the public resale of the common stock issuable upon conversion of the preferred stock, issuable as dividends on the preferred stock, issuable upon exercise of the warrants and issued as a finders' fee. Due to the anti-dilution adjustments to the Company's outstanding Series B and Series C preferred stock, and the warrants issued with those shares of preferred stock, resulting from the issuance of the Series D convertible preferred stock, the Company did not have sufficient authorized Common Stock to issue upon conversion of all of its outstanding preferred stock and exercise of all of its outstanding warrants at the time of issuance. The investors agreed that the Series D convertible preferred stock and the warrants to be issued would not be convertible or exercisable until the Company's stockholders authorized an amendment to the company's Certificate of Incorporation increasing the authorized Common Stock. Similarly, a portion of the Series D investors' pre-existing warrants will also not be exercisable until after the increase in authorized shares. The securities purchase agreement required the Company to obtain such authorization within 120 days after closing. If stockholder approval was not obtained in that time, the investors could have required the Company to redeem the preferred stock for cash. The increase to the Company's authorized Common Stock was approved at the annual stockholders' meeting held on March 28, 2013. We agreed to file the registration statement within 15 days of the stockholders' approval of the increase in authorized shares and to use our best efforts to have the registration statement declared effective within 75 days after the filing date. If these deadlines were not met, we would have been liable for liquidated damages up to 6% of the purchase price under the securities purchase agreement. The registration statement was declared effective by the SEC on April 10, 2013.

In addition, if, during the six-month period after the issuance of the warrants and continuing until such time that all of the securities may be sold without our meeting the current public information requirement under Securities Act rule 144(c)(1), we fail to meet such requirement, we will pay liquidate damages equal to 2.0% of the purchase price paid by each investor, payable in cash every 30 days until current public information for Generex is available or is no longer required for the investors to rely on Rule 144 to transfer the securities (including underlying securities) acquired under the securities purchase agreement.

Series C 9% Convertible Preferred Stock financing

On August 8, 2012, we entered into a securities purchase agreement with certain investors, pursuant to which we agreed to sell an aggregate of 750 shares of our newly designated non-voting Series C 9% Convertible Preferred Stock and warrants to purchase up to an aggregate of 100% of the shares of our common stock issuable upon conversion of the convertible preferred stock. The purchase closed on August 10, 2012. We sold the convertible preferred stock and warrants in units, with each unit consisting of one share of convertible preferred stock and a warrant to purchase 100% of the shares of the Company's common stock issuable upon conversion of such share of convertible preferred stock. Each unit was sold at a negotiated price of \$1,000, for an aggregate purchase price of \$750,000. An aggregate of 18,750,000 shares of our common stock were issuable upon conversion of, or exercise of, the convertible preferred stock and warrants (which total was adjusted to 49,999,998 shares on December 10, 2012 in conjunction with our Series D convertible preferred stock financing). We received net proceeds of approximately \$725,000 from this transaction, which were reflected in the financial statements for the fiscal quarter ending October 31, 2012. We entered into this securities purchase agreement pursuant to the investors' additional investment rights existing under the securities purchase agreement dated July 8 2011.

Subject to certain ownership limitations, the Series C convertible preferred stock will be convertible at the option of the holder at any time into shares of our common stock at an effective conversion price of \$0.08 per share (adjusted to \$0.03 per share on December 10, 2012), and will accrue a 9% dividend until August 10, 2015 and, beginning on August 10, 2015 and on each one year anniversary thereafter, such dividend rate will increase by an additional 3%. The dividend will be payable quarterly on September 30, December 31, March 31 and June 30, beginning on the first such date after the original issue date and on each conversion date in cash, or at our option, in shares of common stock. In the event that the convertible preferred stock is converted prior to August 10, 2015, we will pay the holder of the converted preferred stock an amount equal to \$270 per \$1,000 of stated value of the convertible preferred stock, less the amount of all prior quarterly dividends paid on such converted preferred stock before the relevant conversion date. Such "make-whole payment" may be made in cash or, at our option, in shares of our common stock. In addition, beginning August 10, 2015, we will pay dividends on shares of preferred stock equal to (on an as-if-converted-to-common-stock basis) and in the same form as dividends (other than dividends in the form of common stock) actually paid on shares of the common stock when, as and if such dividends are paid. We will incur a late fee of 18% per annum on unpaid dividends.

The conversion price of the Series C convertible preferred stock will be subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The conversion price will also be adjusted if we sell or grant any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then conversion price, except in the event of certain exempt issuances. In addition, the holders of convertible preferred stock will be entitled to receive any securities or rights to acquire securities or property granted or issued by us pro rata to the holders of our common stock to the same extent as if such holders had converted all of their shares of convertible preferred stock. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the holders of convertible preferred stock will be entitled to receive, upon conversion of their shares, any securities or other consideration received by the holders of our common stock pursuant to the fundamental transaction.

We may become obligated to redeem the Series C convertible preferred stock in cash upon the occurrence of certain triggering events, including, material breach of certain contractual obligations to the holders of the convertible preferred stock, the occurrence of a change in control of Generex, the occurrence of certain insolvency events relating to Generex, or the failure of our common stock to continue to be listed or quoted for trading on one or more specified United States securities exchanges or regulated quotation service. Upon the occurrence of certain triggering events, each holder of convertible preferred stock will have the option to redeem such holder's shares of convertible preferred stock for a redemption price payable in shares of common stock or receive an increased dividend rate of 18% on all of such holder's outstanding convertible preferred stock. Late fees will apply on all redemption amounts not paid within five trading days of the payment date.

Subject to certain ownership limitations, the warrants will be exercisable at any time after their date of issuance and on or before the fifth-year anniversary thereafter at an exercise price of \$0.03 (as adjusted on December 10, 2012) per share of common stock. The exercise price of the warrants and, in some cases, the number of shares issuable upon exercise, are subject to adjustment in the case of stock splits, stock dividends, combinations of shares, similar recapitalization transactions and certain pro-rata distributions to common stockholders. The exercise price and number of shares of common stock issuable upon exercise will also be adjusted if we sell or grant any shares of common stock or securities convertible into, or rights to acquire, common stock at an effective price per share that is lower than the then exercise price, except in the event of certain exempt issuances. In addition, the warrant holders will be entitled to receive any securities or rights to acquire securities or property granted or issued by us pro rata to the holders of our common stock to the same extent as if such holders had exercised all of their warrants. In the event of a fundamental transaction, such as a merger, consolidation, sale of substantially all assets and similar reorganizations or recapitalizations, the warrant holders will be entitled to receive, upon exercise of their warrants, any securities or other consideration received by the holders of common stock pursuant to the fundamental transaction.

The securities purchase agreement and the certificate of designation authorizing the Series C convertible preferred stock include certain agreements and covenants for the benefit of the holders of the convertible preferred stock, including restrictions on our ability to amend the certificate of incorporation and bylaws, pay cash dividends or distributions with respect to our common stock or other junior securities, repurchase more than a *de minimis* number of shares of our common stock or other junior securities.

With very limited exceptions, the investors will have a pro rata right of first refusal in respect of participation in any private debt or equity financings undertaken by us during the 12 months following the closing of the transaction.

We offered these securities privately pursuant to Rule 506 of Regulation D under the Securities Act of 1933. We entered into a registration rights agreement with the investors pursuant to which we agreed to file a registration statement with the SEC covering the public resale of the common stock issuable upon conversion of the preferred stock, issuable as dividends on the preferred stock, issuable upon exercise of the warrants and issued as a finders' fee. We agreed to file the registration statement and to use our best efforts to have the registration statement declared effective within 120 days after closing. If these deadlines were not met, we would be liable for liquidated damages up to 6% of the purchase price under the securities purchase agreement. The registration statement was declared effective by the SEC on November 8, 2012.

In addition, if, during the six-month period after the issuance of the warrants and continuing until such time that all of the securities may be sold without our meeting the current public information requirement under Securities Act rule 144(c)(1), we fail to meet such requirement, we will pay liquidate damages equal to 2.0% of the purchase price paid by each investor, payable in cash every 30 days until current public information for Generex is available or is no longer required for the investors to rely on Rule 144 to transfer the securities (including underlying securities) acquired under the securities purchase agreement.

Proceeds from Warrant Exercises

We may receive additional proceeds from the exercise of warrants issued in the registered direct offerings conducted in June, August and September 2009, the sales to Seaside 88, LP in April, May and June 2010 and the warrants issued in July 2011, February 2012, August 2012 and December 2012 in connection with the issuance of the Series A 9% Convertible Preferred Stock, Series B 9% Convertible Preferred Stock, Series C 9% Convertible Preferred Stock and Series D 9% Convertible Preferred Stock, although some of the warrants include a cashless exercise feature.

In the transaction that closed on June 15, 2009, we sold shares of common stock and warrants exercisable for up to \cdot 8,600,000 shares of our common stock to investors and issued Midtown Partners & Co., LLC, our exclusive placement agent for the transaction, a warrant to purchase up to 244,926 shares of our common stock.

In the August 6, 2009 registered direct offering, we sold shares of common stock and warrants exercisable for up to \cdot 2,995,305 shares of our common stock to investors and issued a warrant to purchase 577,666 shares of our common stock to Midtown, which acted as our exclusive placement agent for the August 2009 transaction.

In the transaction that closed on September 14, 2009, we sold an aggregate of 15,312,500 shares of our common stock and warrants exercisable for up to 5,053,125 shares of our common stock to investors and issued warrants to purchase up to 969,526 shares of our common stock to the two placement agents and a consultant in relation to the transaction.

In the closings under the common stock purchase agreement that occurred in April, May and June 2010, we sold \cdot Seaside 12,000,000 shares of our common stock and issued to Midtown, as placement agent, warrants to purchase an aggregate of 300,000 shares of our common stock.

In connection with the securities purchase agreement dated July 7, 2011 and option thereunder, we sold an aggregate \cdot of 2,575 shares of our Series A 9% Convertible Preferred Stock and issued warrants exercisable for up to 17,166,666 shares of our common stock to investors.

In connection with the securities purchase agreement dated January 31, 2012, we sold an aggregate of 2,000 shares of •our Series B 9% Convertible Preferred Stock and issued warrants exercisable for up to 13,333,333 shares of our common stock to investors.

In connection with the securities purchase agreement dated August 8, 2012, we sold an aggregate of 750 shares of our •Series C 9% Convertible Preferred Stock and issued warrants exercisable for up to 9,375,000 shares of our common stock to investors.

In connection with the securities purchase agreement dated December 10, 2012, we sold an aggregate of 750 shares • of our Series D 9% Convertible Preferred Stock and issued warrants exercisable for up to 24,999,999 shares of our common stock to investors.

As of June 7, 2013, all of the warrants issued in the aforementioned registered direct offerings were exercisable. At June 7, 2013, outstanding warrants issued in connection with the June, August and September 2009 registered direct offerings, the April, May and June 2010 sales to Seaside and the January to April 2011, July 2011, February 2012, August 2012 and December 2012 registered direct offerings were as follows (after adjustment for anti-dilution provisions and subsequent exercises):

Date Issued	Aggregate No. of Shares Unexercised		Exercise Price	Expiration Date
June 15, 2009	8,470,661		0.76	December 15, 2014
August 6, 2009	3,413,928		0.79	February 4, 2015
September 14, 2009	5,157,813		1.00	March 15, 2015
April 8, 2010	50,000		0.4726	February 9, 2015
April 21, 2010	50,000		0.4258	February 9, 2015
April 30, 2010	50,000		0.415	February 9, 2015
May 14, 2010	50,000		0.3496	February 9, 2015
May 28, 2010	50,000		0.351	February 9, 2015
June 11, 2010	50,000		0.3543	February 9, 2015
July 7, 2011*	3,375,227	**	0.03	July 7, 2016
February 1, 2012*	7,500,000	**	0.03	January 31, 2017
August 10, 2012*	22,589,512	**	0.03	August 10, 2017
December 10, 2012*	24,999,999		0.03	December 10, 2017

*Upon issuance of securities at a price per share of common stock less than the then applicable exercise price, the warrants are subject to anti-dilution adjustment of the exercise price and to the number of shares of common stock that may be purchased upon exercise of each warrant such that the aggregate exercise price payable upon exercise of the warrant will be the same as the aggregate exercise price in effect immediately prior to such adjustment. Due to the anti-dilution adjustment provision of these warrants, they have been reclassified on Generex's balance sheet as a liability under the caption "Derivative Warrant Liability" with any changes in fair value at each reporting period recorded in earnings in accordance with ASC 815.

**On December 10, 2012, in connection with the issuance of the Series D convertible preferred stock, the exercise price of these warrants was adjusted down to \$0.03 (from \$0.08), with a corresponding increase in warrants from 6,249,995 to 16,666,653, 24,999,999 to 66,666,664 and 9,375,000 to 24,999,998, respectively.

In addition, we may receive additional proceeds from the exercise of warrants issued in connection with the securities purchase agreement and related documents that we entered into on March 31, 2008 with existing institutional investors relating to a private placement of 8% secured convertible notes (the "Notes") and warrants (the "Series Warrants") for aggregate gross proceeds to us of \$20,650,000. As of June 1, 2009, the outstanding principal balance and accrued interest on the Notes were satisfied in full.

The Series Warrants issued in connection with the March 2008 securities purchase agreement included:

Series A and A-1 Warrants, which are exercisable for a period of 7 years into an aggregate of 75% of the number of shares of our common stock initially issuable upon conversion of the Notes, with the Series A Warrants being exercisable into 5,257,729 shares immediately upon issuance and the Series A-1 warrants being exercisable into 7,541,857 shares as of October 1, 2008;

Series B Warrants, which became exercisable on October 1, 2008 into 100% of the shares of our common stock (ii) initially issuable upon conversion of the Notes (initially 17,066,166 shares) and remain exercisable for a period of 18 months after the registration statement covering the shares of common stock issuable upon conversion or exercise of the Notes and Warrants was declared effective by the SEC; and

Series C Warrants, which are exercisable for a period of 7 years as of October 1, 2008, but only to the extent that (iii) the Series B Warrant are exercised and only in the same percentage that the Series B Warrants are exercised, up to a maximum percentage of 75% of the number of shares of our common stock initially issuable upon conversion of the Notes (initially a maximum of 12,799,580 shares).

The initial exercise price of each Series Warrant was \$1.21. The Series Warrants include a cashless exercise feature. The exercise price of the Series Warrants was subsequently reduced initially to \$0.50, then to \$0.33, to \$0.25, to \$0.15, to \$0.08 and currently to \$0.03 as a result of a price protection provision triggered by our offering of stock in private placements in May 2009, January and July 2011 and February, August 2012 and December 2012. This price protection feature allows for the reduction in the exercise price of the Series Warrants in the event we subsequently issue common stock or securities convertible into or exercisable for common stock, such as options and warrants, at a price per share less than the Series Warrant exercise price then in effect. In addition, with any reduction to the Series Warrant will be increased or decreased proportionately, so that after such adjustment the aggregate Series Warrant exercise price in effect immediately prior to such adjustment. We account for these warrants with price protection in accordance with ASC 815 as described in Note 10 to the *Notes to Consolidated Financial Statements* included elsewhere in this quarterly report on Form 10-Q.

As of June 7, 2013, outstanding Series Warrants were as follows (after adjustment for anti-dilution provisions and subsequent exercises):

Date Issued	Aggregate No. of Shares Unexercised		Exercise Price*	Expiration Date
March 31, 2008	121,600,070	**	\$ 0.03	March 31, 2016
March 31, 2008	27,272,720	**	\$ 0.03	September 30, 2016

*Upon issuance of securities at a price per share of common stock less than the then applicable exercise price, the warrants are subject to anti-dilution adjustment of the exercise price and to the number of shares of common stock that may be purchased upon exercise of each warrant such that the aggregate exercise price payable upon exercise of the warrant will be the same as the aggregate exercise price in effect immediately prior to such adjustment. Due to the anti-dilution adjustment provision of these warrants, they have been reclassified on Generex's balance sheet as a liability under the caption "Derivative Warrant Liability" with any changes in fair value at each reporting period recorded in earnings in accordance with ASC 815.

**On December 10, 2012, in connection with the issuance of the Series D convertible preferred stock, the exercise price of these warrants was adjusted down to \$0.03 (from \$0.08), with a corresponding increase in warrants from 54,426,222 to 145,136,592 and 10,227,270 to 27,272,720, respectively.

Cash Flows for the Nine months ended April 30, 2013

For the nine months ended April 30, 2013, we used \$2,760,376 in cash to fund our operating activities. The use for operating activities included a net loss of \$4,999,736, changes to working capital including a decrease of \$33,504 related to deferred revenue, offset by an increase related to accounts payable and accrued expenses of \$212,595 and an increase related to other current assets of \$154,586.

The use of cash was offset by non-cash expenses of \$349,047 related to depreciation and amortization, stock-based compensation to employees of \$613,375, stock-based compensation issued in exchange for services rendered by consultants of \$223,692 and common stock issued for interest on our convertible preferred stock of \$663,930. There was also a year-to-date non-cash loss of \$1,092,504 related to the fair valuation of the derivative liabilities at April 30, 2013 and an accounting gain of \$1,036,865 related to the sale of our office property.

We had net cash provided by investing activities of \$1,711,237 in the nine months ended April 30, 2013, representing primarily the net proceeds after real estate commissions of \$1,762,954 related to the sale of the office property, offset by costs incurred for patents of \$51,717.

We had cash provided by financing activities in the nine months ended April 30, 2013 of \$1,228,134, which pertained primarily to \$1,450,000 in net proceeds from sales of convertible preferred stock in August and December 2012, gross proceeds from long-term debt related to real estate of \$828,543 and proceeds from cash exercises of warrants of \$780,704, offset by the repayment of long-term debt upon sale of properties of \$1,832,170.

Our net working capital at April 30, 2013 improved slightly to negative \$7,807,271 from negative \$8,054,662 at July 31, 2012, which was attributed largely to the reduction in the current portion of our long-term debt upon the sale of our office property in September 2012 and the net proceeds from the Series C and Series D convertible preferred stock financing in August and December 2012, offset by our cash used in operations for the nine-month period ended April 30, 2013.

Conversion of Outstanding Series A, Series B, Series C and Series D 9% Convertible Preferred Stock

All outstanding shares of our Series A 9% Convertible Preferred Stock were converted into shares of our common stock prior to the end of our previous fiscal year ended July 31, 2012. A total of 17,166,666 shares of common stock have been issued upon the conversion of 2,575 shares of Series A convertible preferred stock. Upon conversion, we paid the holders of the Series A convertible preferred stock a "make whole" payment equal to \$270 per \$1,000 of stated value of the Series A convertible preferred stock, less the amount of all prior quarterly dividends paid on such converted preferred stock before the relevant conversion date. We issued 6,129,666 additional shares of common stock on such conversions of the Series A convertible preferred stock. Dividends paid on the Series A Convertible Preferred Stock were \$12,383 during the fiscal year ended July 31, 2012.

As of April 30, 2013, all of the 2,000 shares of our Series B 9% Convertible Preferred Stock had been converted into shares of our common stock. We issued 38,019,163 shares of common stock upon the conversion of the Series B convertible preferred stock and an additional 11,207,750 shares of common stock were issued as "make-whole payments" on such conversions.

As of April 30, 2013, all of the 750 shares of our Series C 9% Convertible Preferred Stock had been converted into shares of our common stock. We issued 22,916,665 shares of common stock upon the conversion of the Series C convertible preferred stock and an additional 6,664,863 shares of common stock were issued as "make-whole payments" on such conversions.

As of April 30, 2013, 219 of the 750 shares of our Series D 9% Convertible Preferred Stock had been converted into shares of our common stock. We issued 7,299,999 shares of common stock upon the conversion of the Series D convertible preferred stock and an additional 2,145,989 shares of common stock were issued as "make-whole payments" on such conversions.

Funding Requirements and Commitments

If we obtain necessary financing, we expect to devote substantial resources to obtaining regulatory approval of Generex Oral-lynTM in the U.S., Canada and Europe and to commercializing Generex Oral-lynTM. We may also devote resources to obtaining approval for the importation, marketing and commercialization of Generex Oral-lynTM in other countries where we have licensed distributors.

Under the long-term agreement that we signed with sanofi-aventis in December 2009, sanofi-aventis will manufacture and supply recombinant human insulin to us in the territories specified in the agreement. Through this agreement, we will procure recombinant human insulin crystals for use in the production of Generex Oral-lynTM. The terms of the supply agreement required us to make certain minimum purchases of insulin from sanofi-aventis through the period ended December 31, 2011, which minimum purchases we did not satisfy. Sanofi-aventis will be our exclusive supplier in certain countries and a non-exclusive supplier in some other countries. Sanofi-aventis may delete any territory from the agreement in which Generex Oral-lynTM has not been approved for commercial sale by December 31, 2011. The prices under the supply agreement are subject to adjustment beginning after December 31, 2012. As we did not meet the minimum purchase requirements by December 31, 2011, sanofi-aventis may terminate the agreement. Upon termination, we would be obligated to pay sanofi-aventis for all materials and components that it has acquired or ordered to manufacture insulin based on our forecasts or minimum purchase commitments, all related work-in-progress (at cost) and all finished insulin in inventory. We did not provide any forecasts to sanofi-aventis and have not included any accruals related to the purchase commitments in our interim financial statements as of April 30, 2013 or July 31, 2012, nor has sanofi-aventis terminated the agreement.

In addition to the resources that we will dedicate to regulatory approval and commercialization of Generex Oral-lynTM, we will expend resources on further clinical development of our immunotherapeutic vaccines.

Our future funding requirements and commitments and our ability to raise additional capital will depend on factors that include:

the timing and amount of expense incurred to complete our clinical trials;

• the costs and timing of the regulatory process as we seek approval of our products in development;

the advancement of our products in development;

our ability to generate new relationships with industry partners throughout the world that will provide us with regulatory assistance and long-term commercialization opportunities;

• the timing, receipt and amount of sales, if any, from Generex Oral-lynTM in India, Lebanon, Algeria and Ecuador;

the cost of manufacturing (paid to third parties) of our licensed products, and the cost of marketing and sales activities of those products;

the costs of prosecuting, maintaining, and enforcing patent claims, if any claims are made;

our ability to maintain existing collaborative relationships and establish new relationships as we advance our products in development;

· our ability to obtain the necessary financing to fund our operations and effect our strategic development plan; and

the receptivity of the financial market to biopharmaceutical companies.

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Off-Balance Sheet Arrangements

We have no off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on the Company's financial condition, changes in financial condition, revenue or expenses, results of operations, liquidity, capital expenditures or capital resources that is material to investors, and we do not have any non-consolidated special purpose entities.

Certain Related Party Transactions

See Part III, Item 13 – Certain Relationships and Related Transactions, and Directors Independence in our Annual Report on Form 10-K for the year ended July 31, 2012, as amended, for further descriptions of our transactions with related parties during the last fiscal year.

Recently Adopted Accounting Pronouncements

In May 2011, the FASB issued further guidance on fair value measurements and disclosures which requires the categorization by level for items that are only required to be disclosed at fair value and information about transfers between Level 1 and Level 2. In addition, the update provides guidance on measuring the fair value of financial instruments managed within a portfolio and the application of premiums and discounts on fair value measurements. The guidance requires additional disclosure for Level 3 measurements regarding the sensitivity of fair value to changes in unobservable inputs and any interrelationships between those inputs. The guidance was effective for our interim period ended April 30, 2012. The adoption of this guidance did not have a significant impact on our consolidated financial statements.

Recently Issued Accounting Pronouncements

In June 2011, the FASB issued guidance regarding the presentation of Comprehensive Income within financial statements. The guidance will be effective for our annual fiscal period ended July 31, 2013 and subsequent interim periods. We do not expect the adoption of this new accounting guidance to have a material impact on our consolidated financial statements.

Item 3. Quantitative and Qualitative Disclosures About Market Risk.

We are exposed to market risks associated with changes in the exchange rates between U.S. and Canadian currencies and with changes in the interest rates related to our fixed rate debt. We do not believe that any of these risks will have a material impact on our financial condition, results of operations and cash flows.

At the present time, we maintain our cash in short-term government or government guaranteed instruments, short-term commercial paper, and interest bearing bank deposits or demand bank deposits which do not earn interest. A substantial majority of these instruments and deposits are denominated in U.S. dollars, with the exception of funds denominated in Canadian dollars on deposit in Canadian banks to meet short-term operating needs in Canada. We do not presently employ any hedging or similar strategy intended to mitigate against losses that could be incurred as a result of fluctuations in the exchange rates between U.S. and Canadian currencies.

As of April 30, 2013, we had fixed rate debt totaling \$625,793. This amount consists of the following:

Loan Amount	Interest Rate			
Loan Amount	per Annum			
\$ 625,793	9.75	%		

This debt instrument matures on November 30, 2013. As our fixed rate debt instruments mature, we will likely refinance such debt at the existing market interest rates which may be more or less than interest rates on the maturing debt. Since this debt is fixed rate debt, if interest rates were to increase 100 basis points prior to maturity, there would be no impact on earnings or cash flows.

We have neither issued nor own any long-term debt instruments, or any other financial instruments, for trading purposes to which we would be subject to material market risks.

We have warrants outstanding with price protection provisions that allow for the reduction in the exercise price of the warrants in the event we subsequently issue common stock or securities convertible into or exercisable for common stock, such as options and warrants, at a price per share less than the warrant exercise price then in effect. In addition, with any reduction to the warrant exercise price, the number of shares of common stock that may be purchased upon exercise of each warrant will be increased proportionately, so that after such adjustment the aggregate warrant exercise price payable for the adjusted number of shares issuable upon exercise will be the same as the aggregate warrant exercise price in effect immediately prior to such adjustment. We account for the warrants with price protection in our consolidated balance sheet as liabilities. The warrant liability is revalued at each reporting period and changes in fair value are recognized currently in the consolidated statements of operations under the caption *Change in fair value of derivative warrant liability*. While the change in fair value of the derivative warrant liability has no effect on our cash flows, the gains or losses can have a significant impact on non-operating income and expenses and thus the net income or loss. As of April 30, 2013, there were 215,337,526 warrants outstanding subject to price protection provisions with an

estimated fair value of \$3,436,312 or \$0.016 per warrant. If the estimated fair value of the warrants increases, there will be a corresponding non-operating expense equal to the change in the value of the liability. Likewise, if the estimated fair value of the warrants decreases, there will be a corresponding non-operating gain equal to the change in the value of the liability. There is a directly proportional relationship between the fair value of the warrants and the market price of the stock; therefore increases or decreases in the market price will lead to corresponding increases or decreases in the value of the warrant liability and result in losses or gains, respectively, on our consolidated statements of operations.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

Prior to the filing of this Quarterly Report on Form 10-Q, an evaluation was performed under the supervision of and with the participation of Generex's management, including the Chief Executive Officer ("CEO") and acting Chief Financial Officer ("CFO"), of the effectiveness of Generex's disclosure controls and procedures. Based on the evaluation, the CEO and CFO have concluded that, as of April 30, 2013, the Company's disclosure controls and procedures are effective to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act, is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms, and is accumulated and communicated to the Company's management, as appropriate, to allow timely decisions regarding required disclosure.

Changes in Internal Control over Financial Reporting

During the fiscal quarter ended April 30, 2013, there were no changes in Generex's internal controls over financial reporting that have materially affected, or are reasonably likely to materially affect, Generex's internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings.

See *Note 6 – Pending Litigation* of the Notes to the Consolidated Financial Statements set forth under Item 1 of Part I of this Quarterly Report for a description of legal proceedings in which we are currently involved.

We are involved in certain other legal proceedings in addition to those specifically described in this Quarterly Report. Subject to the uncertainty inherent in all litigation, we do not believe at the present time that the resolution of any of these legal proceedings is likely to have a material adverse effect on our financial position, operations or cash flows.

With respect to all litigation matters, as additional information concerning the estimates used by us becomes known, we reassess each matter's position both with respect to accrued liabilities and other potential exposures.

Item 1A. Risk Factors.

In addition to the other information included in this Quarterly Report on Form 10-Q, you should carefully review and consider the factors discussed in *Part I, Item 1A - Risk Factors* of our Annual Report on Form 10-K for the year ended July 31, 2012, as amended, certain of which have been updated below. These factors materially affect our business, financial condition or future results of operations. The risks, uncertainties and other factors described in our Annual Report on Form 10-K and below are not the only ones facing our company. Additional risks, uncertainties and other factors operations, financial condition or operating results. Any of the risks, uncertainties and other factors could cause the trading price of our common stock to decline substantially.

Risks Related to Our Financial Condition

We will require additional financing to continue our operations.

As of April 30, 2013, our current cash position is not sufficient to meet our working capital needs for the next twelve months based on the pace of our planned activities. To continue operations, we will require additional funds to support our working capital requirements and any expansion or other activities, or will need to significantly reduce our clinical trials and other planned activities or suspend operations. Management is seeking various alternatives to ensure that we can meet some of our operating cash flow requirements through financing activities, such as private placement of our common stock, preferred stock offerings and offerings of debt and convertible debt instruments as well as through merger or acquisition opportunities. The securities purchase agreements that we entered into on January 31, 2012, August 8, 2012 and December 10, 2012 with certain investors limits the financing activities that we may undertake in the near future as it prohibits us from (i) issuing additional equity securities until 60 days after the effective date of a registration statement covering the resale of the common stock issuable upon exercise of the warrants and conversion of the preferred stock sold in each transaction and (ii) issuing additional debt or equity securities with a variable conversion or exercise price until February 1, 2013, August 10, 2013 and December 10, 2013, respectively. In addition, management is actively seeking strategic alternatives, including strategic investments and divestitures. Management has sold, and is also seeking further sales of, non-essential real estate assets which are classified as Assets Held for Investment to augment its cash position.

We cannot provide any assurance that we will obtain the required funding. Our inability to obtain required funding in the near future or our inability to obtain funding on favorable terms will have a material adverse effect on our operations and our strategic development plan for future growth. If we cannot successfully raise additional capital and implement our strategic development plan, our liquidity, financial condition and business prospects will be materially and adversely affected and we may have to cease operations.

We have a history of losses and will incur additional losses.

We are a development stage company with a limited history of operations, and do not expect sufficient revenues to support our operation in the immediately foreseeable future. We do not expect to receive significant revenues in Ecuador, Algeria and Lebanon where we have been approved for commercial sale in the next twelve months. While we have entered into a licensing and distribution agreement with a leading Indian-based pharmaceutical company and insulin distributor, we do not anticipate recognizing revenue from sales of Generex Oral-lynTM in India in the next twelve months, as we have to complete an in-country clinical study before the product can be offered for commercial sale in India.

To date, we have not been profitable and our accumulated net loss available to shareholders was \$362,713,813 at April 30, 2013. Our losses have resulted principally from costs incurred in research and development, including clinical trials, and from general and administrative costs associated with our operations. While we seek to attain profitability, we cannot be sure that we will ever achieve product and other revenue sufficient for us to attain this objective.

With the exception of Generex Oral-lynTM, which has received regulatory approval in Ecuador, India (subject to the completion of an in-country study), Lebanon and Algeria, our product candidates are in research or early stages of pre-clinical and clinical development. We will need to conduct substantial additional research, development and clinical trials. We will also need to receive necessary regulatory clearances both in the United States and foreign countries and obtain meaningful patent protection for and establish freedom to commercialize each of our product candidates. We must also complete further clinical trials and seek regulatory approvals for Generex Oral-lynTM in countries outside of Ecuador, India, Lebanon and Algeria. We cannot be sure that we will obtain required regulatory approvals, or successfully research, develop, commercialize, manufacture and market any other product candidates. We expect that these activities, together with future general and administrative activities, will result in significant expenses for the foreseeable future.

Our independent auditors have expressed substantial doubt about our ability to continue as a going concern as of July 31, 2012.

To date, we have not been profitable and our accumulated net loss available to shareholders was \$362,713,813 at April 30, 2013, and our consolidated balance sheet reflected a stockholders' deficiency of \$8,099,848 at that date. We received a report from our independent auditors for the year ended July 31, 2012 that included an explanatory paragraph describing an uncertainty as to Generex's ability to continue as a going concern. We must secure financing to continue our operations.

Due to material weaknesses in our internal controls over financial reporting, our internal controls were determined not to be effective for the fiscal year ended July 31, 2012. Our disclosure controls and procedures and internal controls over financial reporting may not be effective in future periods as a result of existing or newly identified material weaknesses in internal controls.

Effective internal controls are necessary for us to provide reasonable assurance with respect to our financial reports and to effectively prevent fraud. If we cannot provide reasonable assurance with respect to our financial reports and effectively prevent fraud, our reputation and operating results could be harmed. Pursuant to the Sarbanes-Oxley Act of 2002, we are required to furnish a report by management on internal control over financial reporting, including management's assessment of the effectiveness of such control. Internal control over financial reporting may not prevent or detect misstatements because of its inherent limitations, including the possibility of human error, the circumvention or overriding of controls, or fraud. Therefore, even effective internal controls can provide only reasonable assurance with respect to the preparation and fair presentation of financial statements. In addition, projections of any evaluation of effectiveness of internal control over financial reporting to future periods are subject to the risk that the control may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. If we fail to maintain the adequacy of our internal controls, including any failure to implement required new or improved controls, or if we experience difficulties in their implementation, our business and operating results could be adversely impacted, we could fail to meet our reporting obligations, and our business and stock price could be adversely affected.

At July 31, 2012, our Chief Executive Officer and Acting Chief Financial Officer evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) and concluded that, subject to the inherent limitations identified in Item 9A of Part II of the Form 10-K filed on October 15, 2012, our disclosure controls and procedures were not effective due to the existence of material weaknesses in our internal control over financial reporting because of inadequate segregation of duties over authorization, review and recording of transactions, as well as the financial reporting of such transactions. Our independent auditors issued an adverse attestation report regarding the effectiveness of the Company's internal control over financial reporting at July 31, 2012.

We believe we have taken appropriate and reasonable steps to make the necessary improvements to remediate these deficiencies, however we cannot be certain that our remediation efforts will ensure that our management designs, implements and maintains adequate controls over our financial processes and reporting in the future or that the changes made will be sufficient to address and eliminate the material weaknesses previously identified. Our inability to remedy any additional deficiencies or material weaknesses that may be identified in the future could, among other things, have a material adverse effect on our business, results of operations and financial condition, as well as impair our ability to meet our quarterly, annual and other reporting requirements under the Securities Exchange Act of 1934 in a timely manner, and require us to incur additional costs or to divert management resources.

Risks Related to the Market for Our Common Stock

Our stock price is below \$5.00 per share and is treated as a "penny stock", which places restrictions on broker-dealers recommending the stock for purchase.

Our common stock is defined as "penny stock" under the Securities Exchange Act of 1934, as amended, which we refer to as the Exchange Act, and the rules promulgated thereunder. The SEC has adopted regulations that define "penny stock" to include common stock that has a market price of less than \$5.00 per share, subject to certain exceptions. These rules include the following requirements:

broker-dealers must deliver, prior to the transaction a disclosure schedule prepared by the SEC relating to the penny stock market;

- ·broker-dealers must disclose the commissions payable to the broker-dealer and its registered representative;
- ·broker-dealers must disclose current quotations for the securities;

if a broker-dealer is the sole market-maker, the broker-dealer must disclose this fact and the broker-dealers presumed control over the market; and

a broker-dealer must furnish its customers with monthly statements disclosing recent price information for all penny stocks held in the customer's account and information on the limited market in penny stocks.

Additional sales practice requirements are imposed on broker-dealers who sell penny stocks to persons other than established customers and accredited investors. For these types of transactions, the broker-dealer must make a special suitability determination for the purchaser and must have received the purchaser's written consent to the transaction prior to sale. If our common stock remains subject to these penny stock rules these disclosure requirements may have the effect of reducing the level of trading activity in the secondary market for our common stock. As a result, fewer broker-dealers may be willing to make a market in our stock, which could affect a shareholder's ability to sell their shares.

The price of our common stock may be affected by a limited trading volume, may fluctuate significantly and may not reflect the actual value of our business.

There may be a limited public market for our common stock on the over the counter bulletin board market, and there can be no assurance that an active trading market will continue. An absence of an active trading market could adversely affect our stockholders' ability to sell our common stock in short time periods, or at all. Our common stock has experienced, and is likely to experience in the future, significant price and volume fluctuations that could adversely affect the market price of our common stock without regard to our operating performance. In addition, we believe that factors, such as our sale of securities in connection with capital raising activities, changes in the overall economy and the volatility of the financial markets, could cause the price of our common stock to fluctuate substantially. Thus, the price at which shares of our common stock may trade from time to time may not reflect the actual value of our business or the actual value of our common stock.

Our recent equity financing will dilute current stockholders and could prevent the acquisition or sale of our business.

The equity financing transactions into which we have recently entered have and will dilute current stockholders. At April 30, 2013, there were 232,879,928 shares of common stock issuable upon exercise of the warrants that we issued in a private placement in March 2008, in the registered direct offerings conducted in June, August and September 2009, in connection with the sales to Seaside 88, LP in April, May and June 2010 and in the registered direct offerings in July 2011, February 2012, August 2012 and December 2012. In addition, in connection with the private placement that closed on August 10, 2012, an additional 24,999,999 shares of common stock are issuable upon conversion of the recently issued Series D 9% Convertible Preferred Stock. Together the shares of common stock issuable upon exercise or conversion of the above-mentioned warrants and preferred stock represent approximately 51% of the shares of common stock currently outstanding. Assuming the holders of the warrants convert and exercise all of the warrants into shares of common stock, the number of shares of issued and outstanding common stock will increase significantly, and current stockholders will own a smaller percentage of the outstanding common stock of Generex. The issuance of shares of common stock pursuant to the warrants will also have a dilutive effect on earnings per share and may adversely affect the market price of the common stock.

In addition, the issuance of shares of common stock upon exercise of the warrants issued in the March 2008 private placement, the registered direct offerings in June, August and September 2009 and in connection with the sales to Seaside in April, May and June 2010, in the registered direct offering in January to April 2011, the registered direct offering in July 2011 and the private placements in February 2012, August 2012 and December 2012, could have an anti-takeover effect because such issuance will make it more difficult for, or discourage an attempt by, a party to obtain control of Generex by tender offer or other means. The issuance of common stock upon the exercise of the warrants or conversion of convertible preferred stock will increase the number of shares entitled to vote, increase the number of votes required to approve a change of control of the company, and dilute the interest of a party attempting to obtain control of the company.

If we raise funds through one or more additional equity financings in the future, it will have a further dilutive effect on existing holders of our shares by reducing their percentage ownership. The shares may be sold at a time when the market price is low because we are in need of the funds. This will dilute existing holders more than if our stock price was higher. In addition, equity financings normally involve shares sold at a discount to the current market price. Most of our outstanding warrants have price protection provisions, which decrease the exercise price of the warrant and increase the number of shares which may be purchased upon exercise of the warrants, if we sell additional equity at an effective price per common share less than the current exercise price of the warrant. Therefore, equity financings at a low price per share will result in even more dilution to existing shareholders.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

In the fiscal quarter ended April 30, 2013, we sold, or have entered into commitments to issue, common stock and other securities in transactions in reliance upon exemptions from the registration requirements of the Securities Act.

We have issued or committed to issue shares of our common stock to Seahawk Capital Partners, Inc., a consultant, pursuant to an agreement to provide us with investor relation services through September 30, 2013. During the three months ended April 30, 2013, we issued or committed to issue 450,000 shares of common stock to Seahawk Capital Partners pursuant to the consulting agreement. The sale of such shares was exempt from registration under the Securities Act in reliance upon Section 4(2) thereof. We believe that Seahawk Capital Partners is an "accredited investor" as that term is defined in Rule 501(a) of Regulation D under the Securities Act. The certificates issued for the shares of common stock included a legend to indicate that they are restricted. The sales of such securities did not involve the use of underwriters, and no commissions were paid in connection therewith.

Issuer Purchases of Equity Securities

Neither Generex nor any affiliated purchaser (as defined in Section 240.10 b-18(a)(3) of the Exchange Act) purchased any of its equity securities during the fiscal quarter ended April 30, 2013.

Item 3. Defaults Upon Senior Securities.

None.

Item 5. Other Information.

Reference is made to the disclosure set forth under *Part II, Item 2 - Unregistered Sales of Equity Securities and Use of Proceeds* under the caption *Unregistered Sales of Equity Securities* in this Quarterly Report on Form 10-Q, which is incorporated by reference herein.

Item 6. Exhibits.

Exhibits are incorporated herein by reference or are filed with this quarterly report as set forth in the Exhibit Index beginning on page 37 hereof.

SIGNATURES

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

GENEREX BIOTECHNOLOGY CORPORATION (Registrant)

Date: June 10 2013 By: /s/ Mark A. Fletcher Mark A. Fletcher President and Chief Executive Officer

Date: June 10, 2013 By: /s/ Stephen Fellows Stephen Fellows Chief Financial Officer

EXHIBIT INDEX

Exhibit

Description of Exhibit⁽¹⁾

Number

1	Amendment dated as of April 7, 2010 to Placement Agent Agreement Placement Agency Agreement, dated June 8, 2009, by and between Generex Biotechnology Corporation and Midtown Partners & Co., LLC and amendments dated August 5, August 18, and September 11, 2009 (incorporated by reference to Exhibit 1.2 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on April 8, 2010)
2	Agreement and Plan of Merger among Generex Biotechnology Corporation, Antigen Express, Inc. and AGEXP Acquisition Inc. (incorporated by reference to Exhibit 2.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on August 15, 2003)
3(i)(a)	Restated Certificate of Incorporation of Generex Biotechnology Corporation (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Post-Effective Amendment No. 1 to the Registration Statement on Form S-8 filed on October 26, 2009)
3(i)(b)	Certificate of Designation of Preferences, Rights and Limitations of Series A 9% Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on July 11, 2011).
3(i)(c)	Certificate of Designation of Preferences, Rights and Limitations of Series B 9% Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to Generex Biotechnology Corporation's Current Report on form 8-K filed on February 1, 2012)
3(i)(d)	Certificate of Designation of Preferences, Rights and Limitations of Series C 9% Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on August 8, 2012).
3(i)(e)	Certificate of Designation of Preferences, Rights and Limitations of Series D 9% Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to Generex Biotechnology Corporation's Current Report on form 8-K filed on December 11, 2012)
3(ii)	Amended and Restated By-Laws of Generex Biotechnology Corporation (incorporated by reference to Exhibit 3.2(ii) to Generex Biotechnology Corporation's Report on Form 8-K filed December 5, 2007)
4.1	Form of Common Stock Certificate (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Registration Statement on Form S-1 (File No. 333-82667) filed on July 12, 1999)
4.2.1	Form of Securities Purchase Agreement entered into with Cranshire Capital, L.P.; Gryphon Partners, L.P.; Langley Partners, L.P.; Lakeshore Capital, Ltd.; LH Financial; Omicron Capital; Photon Fund, Ltd.; Howard Todd Horberg and Vertical Ventures, LLC dated May 29, 2003 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 10-Q/A for the quarter ended October 31, 2003 filed on August 13, 2003)

Form of Registration Rights Agreement entered into with Cranshire Capital, L.P.; Gryphon Partners, L.P.; Langley Partners, L.P.; Lakeshore Capital, Ltd.; LH Financial; Omicron Capital; Photon Fund, Ltd.; Howard

4.2.2 Todd Horberg and Vertical Ventures, LLC dated May 29, 2003 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 10-Q/A for the quarter ended October 31, 2003 filed on August 13, 2003)

Form of Warrant granted to Cranshire Capital, L.P.; Gryphon Partners, L.P.; Langley Partners, L.P.;
Lakeshore Capital, Ltd.; LH Financial; Omicron Capital; Photon Fund, Ltd.; Howard Todd Horberg and
Vertical Ventures, LLC dated May 29, 2003 (incorporated by reference to Exhibit 4.3 to Generex
Biotechnology Corporation's Report on Form 10-Q/A for the quarter ended October 31, 2003 filed on
August 13, 2003)

Form of replacement Warrant issued to warrant holders exercising at reduced exercise price in May and
June 2003 (incorporated by reference to Exhibit 4.13.7 to Generex Biotechnology Corporation's Report on Form 10-K for the period ended July 31, 2003 filed on October 29, 2003)

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4.2.3

Securities Purchase Agreement, dated December 19, 2003, by and among Generex Biotechnology Corporation 4.4.1 and the investors named therein (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K/A filed on March 24, 2004)

Registration Rights Agreement, dated December 19, 2003, by and among Generex Biotechnology Corporation 4.4.2 and the investors named therein (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K/A filed on March 24, 2004)

- 4.4.3 Form of Warrant issued in connection with Exhibit 4.4.1 (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K/A filed on March 24, 2004)
- 4.4.4 Form of Additional Investment Right issued in connection with Exhibit 4.4.1 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K/A filed on March 24, 2004)

Securities Purchase Agreement, dated January 7, 2004, by and between Generex Biotechnology Corporation and
4.5.1 ICN Capital Limited (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

 Registration Rights Agreement, dated January 7, 2004, by and between Generex Biotechnology Corporation and
 4.5.2 ICN Capital Limited (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

- 4.5.3 Warrant issued in connection with Exhibit 4.5.1 (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)
- 4.5.4 Additional Investment Right issued in connection with Exhibit 4.5.1 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Securities Purchase Agreement, dated January 9, 2004, by and between Generex Biotechnology Corporation and 4.6.1 Vertical Ventures, LLC (incorporated by reference to Exhibit 4.5 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Registration Rights Agreement, dated January 9, 2004, by and between Generex Biotechnology Corporation and 4.6.2 Vertical Ventures, LLC (incorporated by reference to Exhibit 4.6 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

- 4.6.3 Warrant issued in connection with Exhibit 4.6.1 (incorporated by reference to Exhibit 4.7 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)
- 4.6.4 Additional Investment Right issued in connection with Exhibit 4.6.1 (incorporated by reference to Exhibit 4.8 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Securities Purchase Agreement, dated February 6, 2004, by and between Generex Biotechnology Corporation
4.7.1 and Alexandra Global Master Fund, Ltd. (incorporated by reference to Exhibit 4.9 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

4.7.2 Registration Rights Agreement, dated February 6, 2004, by and between Generex Biotechnology Corporation and Alexandra Global Master Fund, Ltd. (incorporated by reference to Exhibit 4.10 to Generex Biotechnology

Corporation's Report on Form 8-K filed on March 1, 2004)

- 4.7.3 Warrant issued in connection with Exhibit 4.7.1 (incorporated by reference to Exhibit 4.11 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)
- 4.7.4 Additional Investment Right issued in connection with Exhibit 4.7.1 (incorporated by reference to Exhibit 4.12 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Escrow Agreement, dated February 26, 2004, by and among Generex Biotechnology Corporation, Eckert 4.7.5 Seamans Cherin & Mellott, LLC and Alexandra Global Master Fund, Ltd. (incorporated by reference to Exhibit 4.13 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Securities Purchase Agreement, dated February 11, 2004, by and between Generex Biotechnology Corporation
4.8.1 and Michael Sourlis (incorporated by reference to Exhibit 4.14 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Registration Rights Agreement, dated February 11, 2004, by and between Generex Biotechnology Corporation
4.8.2 and Michael Sourlis (incorporated by reference to Exhibit 4.15 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

4.8.3 Additional Investment Right issued in connection with Exhibit 4.8.1 (incorporated by reference to Exhibit 4.17 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Securities Purchase Agreement, dated February 13, 2004, by and between Generex Biotechnology Corporation
 and Zapfe Holdings, Inc. (incorporated by reference to Exhibit 4.18 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

Registration Rights Agreement, dated February 13, 2004, by and between Generex Biotechnology Corporation
 4.9.2 and Zapfe Holdings, Inc. (incorporated by reference to Exhibit 4.19 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)

- 4.9.3 Warrant issued in connection with Exhibit 4.9.1 (incorporated by reference to Exhibit 4.20 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)
- 4.9.4 Additional Investment Right issued in connection with Exhibit 4.9.1 (incorporated by reference to Exhibit 4.21 Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2004)
- Securities Purchase Agreement, dated June 23, 2004, by and among Generex Biotechnology Corporation and 4.10.1 the investors named therein (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on July 14, 2004)

Registration Rights Agreement, dated June 23, 2004, by and among Generex Biotechnology Corporation and 4.10.2 the investors (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on July 14, 2004)

- 4.10.3 Form of Warrant issued in connection with Exhibit 4.10.1 (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on July 14, 2004)
- 4.10.4 Form of Additional Investment Right issued in connection Exhibit 4.10.1 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K filed on July 14, 2004)

Securities Purchase Agreement, dated November 10, 2004, by and among Generex Biotechnology Corporation 4.11.1 and the investors named therein (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on November 12, 2004)

Form of 6% Secured Convertible Debenture issued in connection with Exhibit 4.11.1 (incorporated by 4.11.2 reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on November 12, 2004)

4.11.3

Registration Rights Agreement, dated November 10, 2004, by and among Generex Biotechnology Corporation and the investors named therein (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on November 12, 2004)

- 4.11.4 Form of Voting Agreement entered into in connection with Exhibit 4.11.1 (incorporated by reference to Exhibit 4.7 to Generex Biotechnology Corporation's Report on Form 8-K filed on November 12, 2004)
- 4.12 Warrant issued to The Aethena Group, LLC on April 28, 2005 (incorporated by reference to Exhibit 4.20 to Generex Biotechnology Corporation's Quarterly Report on Form 10-Q filed on June 14, 2005)

Amendment No. 4 to Securities Purchase Agreement and Registration Rights Agreement entered into by and between Generex Biotechnology Corporation and the Purchasers listed on the signature pages thereto on

4.13.1 January 19, 2006 (incorporated by reference herein to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on January 20, 2006)

4.13.2 Form of Additional AIRs issued in connection with Exhibit 4.13.1 (incorporated by reference herein to Exhibit 4.14 to Generex Biotechnology Corporation's Report on Form 8-K filed on January 20, 2006)

Form of Warrant issued by Generex Biotechnology Corporation on January 23, 2006 (incorporated by
 4.14 reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on January 24, 2006)

Agreement to Amend Warrants between Generex Biotechnology Corporation and Cranshire Capital L.P. dated 4.15.1 February 27, 2006 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 28, 2006).

Agreement to Amend Warrants between Generex Biotechnology Corporation and Omicron Master Trust dated 4.15.2 February 27, 2006 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 28, 2006).

Agreement to Amend Warrants between Generex Biotechnology Corporation and Iroquois Capital L.P. dated 4.15.3 February 27, 2006 (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 28, 2006).

Agreement to Amend Warrants between Generex Biotechnology Corporation and Smithfield Fiduciary LLC 4.15.4 dated February 27, 2006 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 28, 2006).

Form of Warrant issued by Generex Biotechnology Corporation on February 27, 2006 (incorporated by 4.15.5 reference to Exhibit 4.26 to Generex Biotechnology Corporation's Report on Form 10-K filed on October 16, 2006)

Agreement to Amend Additional Investment Right between Generex Biotechnology Corporation and 4.16.1 Cranshire Capital, L.P. dated February 28, 2006 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2006).

Agreement to Amend Additional Investment Right between Generex Biotechnology Corporation and Omicron 4.16.2 Master Trust dated February 28, 2006 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2006).

Agreement to Amend Additional Investment Right between Generex Biotechnology Corporation and Iroquois 4.16.3 Capital LP dated February 28, 2006 (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2006).

Agreement to Amend Additional Investment Right between Generex Biotechnology Corporation and 4.16.4 Smithfield Fiduciary LLC dated February 28, 2006 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 1, 2006).

Form of Additional AIR Debenture issued by Generex Biotechnology Corporation on February 28, 2006
4.16.5 (incorporated by reference to Exhibit 4.31 to Generex Biotechnology Corporation's Report on Form 10-K filed on October 16, 2006)

Form of Additional AIR Warrant issued by Generex Biotechnology Corporation on February 28, 2006

4.16.6 (incorporated by reference to Exhibit 4.32 to Generex Biotechnology Corporation's Report on Form 10-K filed on October 16, 2006)

Form of Agreement to Amend Warrants between Generex Biotechnology Corporation and the Investors dated 4.17.1 March 6, 2006 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 7, 2006).

4.17.2 Form of Warrant issued by Generex Biotechnology Corporation on March 6, 2006 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on March 7, 2006)

Warrant issued by Generex Biotechnology Corporation on April 17, 2006 to Zapfe Holdings, Inc.

4.18 (incorporated by reference to Exhibit 4.33 to Generex Biotechnology Corporation's Report on Form 10-Q filed on June 14, 2006)

Form of Warrant issued by Generex Biotechnology Corporation on April 17, 2006 to certain employees

4.19 (incorporated by reference to Exhibit 4.34 to Generex Biotechnology Corporation's Report on Form 10-Q filed on June 14, 2006).

Securities Purchase Agreement entered into by and between Generex Biotechnology Corporation and four 4.20.1 Investors on June 1, 2006 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 2, 2006)

- 4.20.2 Form of Warrant issued by Generex Biotechnology Corporation on June 1, 2006 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 2, 2006)
- 4.21.1 Form of Amendment to Outstanding Warrants (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 2, 2006)

Form of Warrant issued by Generex Biotechnology Corporation on June 1, 2006 in connection with Exhibit 4.21.2 4.39 (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 2, 2006)

Securities Purchase Agreement, dated as of March 31, 2008 among the Registrant and each of the purchasers 4.22.1 named therein (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 2, 2008)

- 4.22.2 Form of 8% Secured Convertible Note, as amended (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Registration Statement (333-150562) on Form S-3 filed on October 31, 2008)
- 4.22.3 Form of Series A Warrant, as amended (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Registration Statement on Form S-3 (333-150562) filed on October 31, 2008)
- 4.22.4 Form of Series A-1 Warrant, as amended (incorporated by reference to Exhibit 4.4 to Generex Biotechnology Corporation's Registration Statement on Form S-3 (333-150562) filed on October 31, 2008)
- 4.22.5 Form of Series B Warrant, as amended (incorporated by reference to Exhibit 4.5 to Generex Biotechnology Corporation's Registration Statement on Form S-3 (333-150562) filed on October 31, 2008)
- 4.22.6 Form of Series C Warrant, as amended (incorporated by reference to Exhibit 4.6 to Generex Biotechnology Corporation's Registration Statement on Form S-3 (333-150562) filed on October 31, 2008)

Registration Rights Agreement, dated March 31, 2008, among Registrant and each of the purchasers under 4.22.7 Securities Purchase Agreement (incorporated by reference to Exhibit 4.7 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 2, 2008)

- 4.22.8 Security Agreement (incorporated by reference to Exhibit 4.8 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 2, 2008)
- 4.22.9 Form of Guaranty (incorporated by reference to Exhibit 4.9 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 2, 2008)

Form of Securities Purchase Agreement, dated May 15, 2009, entered into between Generex Biotechnology 4.23.1 Corporation and each investor in the offering (incorporated by reference to Exhibit 1.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on May 18, 2009)

4.24.1

Form of Securities Purchase Agreement, dated June 15, 2009, entered into between Generex Biotechnology Corporation and each investor in the offering (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 16, 2009)

Form of Warrant issued in connection with Exhibit 4.24.1 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 16, 2009)

4.24.2

4.24.3 Form of Warrant issued to Midtown Partners & Co., LLC in connection with Exhibit 4.24.1 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on June 16, 2009)

Form of Securities Purchase Agreement, dated August 6, 2009, entered into between Generex Biotechnology

4.25.1 Corporation and each investor in the offering (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on August 6, 2009)

4.25.2 Form of Warrant issued in connection with Exhibit 4.25.1 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on August 6, 2009)

Form of Warrant issued to Midtown Partners & Co., LLC in connection with Exhibit 4.25.1 (incorporated by 4.25.3 reference to Exhibit 4.28 to Generex Biotechnology Corporation's Report on Form 8-K filed on August 6, 2009)

Form of Securities Purchase Agreement, dated September 11, 2009, entered into between Generex
4.26.1 Biotechnology Corporation and each investor in the offering (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on September 15, 2009)

4.26.2 Form of Warrant issued in connection with Exhibit 4.26.1 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on September 15, 2009)

Form of Warrant issued to Midtown Partners & Co., LLC in connection with Exhibit 4.26.1 (incorporated by 4.26.3 reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on September 15, 2009)

Common Stock Purchase Agreement dated April 7, 2010 by and between Generex Biotechnology Corporation
4.27.1 and Seaside 88, LP. (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 8, 2010)

- First Amendment to Common Stock Purchase Agreement dated April 28, 2010 by and between Generex
 4.27.2 Biotechnology Corporation and Seaside 88, LP. (incorporated by reference to Exhibit 10.1 to Generex
 Biotechnology Corporation's Report on Form 8-K filed on April 29, 2010)
- Form of Warrant issued to Midtown Partners & Co., LLC in connection with the Placement Agency
 4.27.3 Agreement and in connection with Exhibit 4.27.1 hereto (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on April 8, 2010)

Form of Securities Purchase Agreement, dated January 24, 2011, entered into between Generex

- 4.28.1 Biotechnology Corporation and each investor in the offering (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on January 25, 2011)
- 4.28.2 Form of Warrant issued in connection with Exhibit 4.28.1 (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Report on Form 8-K filed on January 25, 2011)
- 4.28.3 Amendment to Purchase Agreement dated March 25, 2011 (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on March 30, 2011).
- 4.28.4 Second Amendment to Purchase Agreement dated April 13, 2011 (incorporated by reference to Exhibit 10.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on April 14, 2011).

Form of Securities Purchase Agreement, dated July 8, 2011, by and among Generex Biotechnology 4.29.1 Corporation and the purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit

4.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on July 11, 2011).

Form of Common Stock Warrant issued in connection with Exhibit 4.29.1 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on July 11, 2011).

Form of Securities Purchase Agreement, dated January 31, 2012, by and among Generex Biotechnology
4.30.1 Corporation and the purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on February 1, 2012).

- 4.30.2 Form of Common Stock Warrant issued in connection with Exhibit 4.30.1 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 1, 2012).
- Form of Registration Rights Agreement by and among Generex Biotechnology Corporation and the 4.30.3 purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on February 1, 2012)

Form of Securities Purchase Agreement, dated August 8, 2012, by and among Generex Biotechnology 4.31.1 Corporation and the purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.1

- to Generex Biotechnology Corporation's Current Report on Form 8-K filed on August 8, 2012).
- 4.31.2 Form of Common Stock Warrant issued in connection with Exhibit 4.30.1 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on August 8, 2012).
- Form of Registration Rights Agreement by and among Generex Biotechnology Corporation and the 4.31.3 purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on August 8, 2012)

Form of Securities Purchase Agreement, dated December 10, 2012, by and among Generex Biotechnology 4.32.1 Corporation and the purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.1 to Generex Biotechnology Corporation's Current Report on Form 8-K filed on December 11, 2012).

4.32.2 Form of Common Stock Warrant issued in connection with Exhibit 4.30.1 (incorporated by reference to Exhibit 4.2 to Generex Biotechnology Corporation's Report on Form 8-K filed on December 11, 2012).

Form of Registration Rights Agreement by and among Generex Biotechnology Corporation and the 4.32.3 purchaser(s) listed on the signature pages thereto (incorporated by reference to Exhibit 4.3 to Generex Biotechnology Corporation's Report on Form 8-K filed on December 10, 2012)

- 31.1 Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2 Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32 Certification of Chief Executive Officer and Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

(1) In the case of incorporation by reference to documents filed by the Registrant under the Exchange Act, the Registrant's file number under the Exchange Act is 000-25169.