

Advaxis, Inc.  
Form 10-Q  
June 15, 2015

**UNITED STATES**

**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 10-Q**

(Mark One)

**QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended April 30, 2015

**TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 000-28489

**ADVAXIS, INC.**

(Exact name of registrant as specified in its charter)



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The number of shares of the registrant's Common Stock, \$0.001 par value, outstanding as of June 10, 2015 was 31,396,496.

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All other items called for by the instructions to Form 10-Q have been omitted because the items are not applicable or the relevant information is not material.



*Cautionary Note Regarding Forward Looking Statements*

The Company has included in this Quarterly Report certain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 concerning the Company’s business, operations and financial condition. “Forward-looking statements” consist of all non-historical information, and the analysis of historical information, including the references in this Quarterly Report to future revenues, collaborative agreements, future expense growth, future credit exposure, earnings before interest, taxes, depreciation and amortization, future profitability, anticipated cash resources, anticipated capital expenditures, capital requirements, and the Company’s plans for future periods. In addition, the words “could”, “expects”, “anticipates”, “objective”, “plan”, “may affect”, “may depend”, “believes”, “estimates”, “projects” and similar words and phrases are also intended to identify such forward-looking statements. Such factors include the risk factors included in other filings by the Company with the SEC and other factors discussed in connection with any forward-looking statements.

Actual results could differ materially from those projected in the Company’s forward-looking statements due to numerous known and unknown risks and uncertainties, including, among other things, the Company’s ability to raise capital, unanticipated technological difficulties, the length, scope and outcome of our clinical trial, costs related to intellectual property, cost of manufacturing and higher consulting costs, product demand, changes in domestic and foreign economic, market and regulatory conditions, the inherent uncertainty of financial estimates and projections, the uncertainties involved in certain legal proceedings, instabilities arising from terrorist actions and responses thereto, and other considerations described as “Risk Factors” in other filings by the Company with the SEC. Such factors may also cause substantial volatility in the market price of the Company’s Common Stock. All such forward-looking statements are current only as of the date on which such statements were made. The Company does not undertake any obligation to publicly update any forward-looking statement to reflect events or circumstances after the date on which any such statement is made or to reflect the occurrence of unanticipated events.

**PART I - FINANCIAL INFORMATION****Item 1. Financial Statements****ADVAXIS, INC.****BALANCE SHEETS**

	April 30, 2015 (unaudited)	October 31, 2014
<b>ASSETS</b>		
Current Assets:		
Cash	\$45,940,718	\$17,606,860
Prepaid Expenses	404,960	182,978
Income Tax Receivable	-	1,731,317
Other Current Assets	8,182	8,182
Deferred Expenses - current	2,217,281	964,724
Total Current Assets	48,571,141	20,494,061
Property and Equipment (net of accumulated depreciation)	73,518	77,369
Intangible Assets (net of accumulated amortization)	3,002,957	2,767,945
Other Assets	38,438	38,438
<b>TOTAL ASSETS</b>	<b>\$51,686,054</b>	<b>\$23,377,813</b>
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>		
Current Liabilities:		
Accounts Payable	\$3,041,852	\$1,411,058
Accrued Expenses	916,223	1,241,796
Short Term Convertible Notes and Fair Value of Embedded Derivative	29,549	62,882
Total Current Liabilities	3,987,624	2,715,736
Common Stock Warrant Liability	327,567	32,091
Total Liabilities	4,315,191	2,747,827
Commitments and Contingencies		
Shareholders' Equity:		
Preferred Stock, \$0.001 par value; 5,000,000 shares authorized; Series B Preferred Stock; issued and outstanding 0 at April 30, 2015 and October 31, 2014. Liquidation preference of \$0 at April 30, 2015 and October 31, 2014.	-	-

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Common Stock - \$0.001 par value; authorized 45,000,000 shares, issued and outstanding 27,508,034 at April 30, 2015 and 19,630,139 at October 31, 2014.	27,508	19,630
Additional Paid-In Capital	155,223,621	107,601,493
Accumulated Deficit	(107,880,266)	(86,991,137)
Total Shareholders' Equity	47,370,863	20,629,986
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$51,686,054	\$23,377,813

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

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**ADVAXIS, INC.****STATEMENTS OF OPERATIONS****(unaudited)**

	Three Months Ended April 30,		Six Months Ended April 30,	
	2015	2014	2015	2014
Revenue	\$-	\$ 1,000,000	\$-	\$ 1,000,000
Operating Expenses				
Research and Development Expenses	6,135,059	1,544,922	9,714,995	3,104,789
General and Administrative Expenses	7,704,868	2,051,055	10,900,967	6,448,891
Total Operating Expenses	13,839,927	3,595,977	20,615,962	9,553,680
Loss from Operations	(13,839,927)	(2,595,977)	(20,615,962)	(8,553,680)
Other Income (expense):				
Interest Expense	-	(3,238)	-	(5,253)
Gain on Note retirement	-	-	-	6,243
Debt conversion expense	(6,599)	-	(6,599)	-
Net changes in fair value of derivative liabilities	(23,236)	273,849	(287,307)	405,797
Other Income	14,503	10,749	20,739	19,321
Net Loss before benefit for income taxes	(13,855,259)	(2,314,617)	(20,889,129)	(8,127,572)
Income Tax Benefit	-	-	-	625,563
Net Loss	(13,855,259)	(2,314,617)	(20,889,129)	(7,502,009)
Net Loss per share, basic and diluted	\$(0.52)	\$(0.15)	\$(0.87)	\$(0.51)
Weighted Average Number of Shares Outstanding, Basic and Diluted	26,655,486	15,749,434	24,085,290	14,779,983

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

**ADVAXIS, INC.****STATEMENTS OF CASH FLOWS****(unaudited)**

	Six Months Ended	
	April 30,	
	2015	2014
<b>OPERATING ACTIVITIES</b>		
Net Loss	\$(20,889,129)	\$(7,502,009)
Adjustments to reconcile Net Loss to net cash used in operating activities:		
Non-cash charges to consultants and employees for options and stock	9,175,100	2,345,301
Non-cash interest expense	-	51
Loss (Gain) on change in value of warrants and embedded derivative	287,307	(405,797)
Warrant expense	8,169	4,437
Settlement expense	-	34,125
Employee Stock Purchase Plan	6,909	5,371
Depreciation expense	14,148	13,806
Amortization expense of intangibles	98,692	84,616
Debt conversion expense	6,599	-
(Gain) on note retirement	-	(6,243)
Change in operating assets and liabilities:		
Prepaid expenses	(221,982)	(228,941)
Income tax receivable	1,731,317	-
Other current assets	-	(50,000)
Deferred expenses	(1,252,556)	131,556
Accounts payable and accrued expenses	1,305,221	(1,850,985)
Interest payable	-	(98,192)
Net cash used in operating activities	(9,730,205)	(7,522,904)
<b>INVESTING ACTIVITIES</b>		
Purchase of property and equipment	(10,298)	(24,595)
Cost of intangible assets	(333,704)	(185,660)
Net cash used in Investing Activities	(344,002)	(210,255)
<b>FINANCING ACTIVITIES</b>		
Repayment of Officer Loan	-	(64,926)
Proceeds from exercise of options	58,400	-
Proceeds from exercise of warrants	239,593	250
Net proceeds of issuance of Common Stock	38,110,072	14,820,105
Net cash provided by Financing Activities	38,408,065	14,755,429
Net increase in cash	28,333,858	7,022,270
Cash at beginning of period	17,606,860	20,552,062
Cash at end of period	\$45,940,718	\$27,574,332

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

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**Supplemental Disclosures of Cash Flow Information**

	Six months ended April 30, 201 <del>5</del> 2014
Cash Paid for Interest	\$- \$105,409

**Supplemental Schedule of Non-cash Investing and Financing Activities**

	Six months ended April 30,	
	2015	2014
Accounts Payable from consultants settled with Common Stock	\$-	\$3,000
Conversion of notes payable into common stock	39,932	-
Accrued Legal fees included in financing costs	-	239,297

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

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## ADVAXIS, INC.

### NOTES TO THE FINANCIAL STATEMENTS

(unaudited)

#### 1. ORGANIZATION

Advaxis, Inc. (“Advaxis” or the “Company”) is a clinical stage biotechnology company focused on the discovery, development and commercialization of proprietary *Lm* -LLO cancer immunotherapies. These immunotherapies are based on a platform technology that utilizes live attenuated *Listeria monocytogenes* (“*Lm*” or “*Listeria*”), bioengineered to secrete antigen/adjuvant fusion proteins. These *Lm* -LLO strains are believed to be a significant advancement in immunotherapy as they integrate multiple functions into a single immunotherapy as they access and direct antigen presenting cells to stimulate anti-tumor T-cell immunity, stimulate and activate the immune system with the equivalent of multiple adjuvants, and simultaneously reduce tumor protection in the tumor microenvironment to enable the T-cells to eliminate tumors.

ADX-HPV is the Company’s lead *Lm* -LLO immunotherapy product candidate for the treatment of human papilloma virus (“HPV”) associated cancers. The Company completed a randomized Phase 2 study in 110 patients with recurrent cervical cancer that was shown to have a manageable safety profile, improved survival and objective tumor responses. In addition, the Gynecologic Oncology Group (“GOG”), now part of NRG Oncology, is conducting a Phase 2 open-label clinical study of ADX-HPV in patients with persistent or recurrent cervical cancer with documented disease progression. The study, known as GOG 0265, has successfully completed its first stage and has met the predetermined safety and efficacy criteria required to proceed into the second stage of patient recruitment which is now enrolling. The Company plans to advance this immunotherapy into a registrational clinical trial for the treatment of women with high-risk locally advanced cervical cancer.

ADX-HPV has received United States Food and Drug Administration (“FDA”) orphan drug designation for three HPV-associated cancers: cervical, head and neck, and anal cancer, and is being evaluated in Company-sponsored trials executed under an Investigational New Drug (“IND”) include the following: i) a Phase 1/2 clinical trial alone and in combination with MedImmune’s investigational anti-PD-L1 immune checkpoint inhibitor, MEDI4736, in patients with previously treated metastatic HPV-associated cervical cancer and HPV-associated head and neck cancer; ii) a Phase 2 multi-center, open-label study alone and in combination with Incyte’s investigational oral indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor, epacadostat (INCB24360) in patients with Stage I-IIa HPV-associated cervical cancer; iii) a Phase 1/2 study evaluating higher doses and repeat cycles of ADX-HPV in patients with recurrent cervical cancer; and, iv) a Phase 2 study in collaboration with and funded by Global BioPharma Inc. (“GBP”), under a development and commercialization license agreement applicable to Asia, of ADX-HPV in HPV-associated non-small cell lung cancer. In addition to the Company-sponsored trials, ADX-HPV is also being evaluated in three ongoing investigator-initiated clinical trials as follows: locally advanced cervical cancer (cooperative group sponsor), head and neck cancer, and anal cancer.

ADXS-PSA is the Company's *Lm*-LLO immunotherapy product candidate designed to target the Prostate Specific Antigen ("PSA") associated with prostate cancer. The FDA has cleared the Company's IND application and the Company has initiated a Phase 1/2 clinical trial alone and in combination with KEYTRUDA® (pembrolizumab), Merck's humanized monoclonal antibody against PD-1, in patients with previously treated metastatic castration-resistant prostate cancer.

ADXS-HER2 is the Company's *Lm*-LLO immunotherapy product candidate designed for the treatment of Human Epidermal Growth Factor Receptor 2 ("HER2") expressing cancers, including human and canine osteosarcoma, breast, gastric and other cancers. The FDA has cleared the Company's IND application and is in the process of initiating a Phase 1b clinical trial in patients with metastatic HER2 expressing solid tumors. The Company received orphan drug designation for ADXS-HER2 in osteosarcoma. Clinical research with ADXS-HER2 in canine osteosarcoma is being developed by the Company's pet therapeutic partner, Aratana Therapeutics Inc. ("Aratana"), who holds exclusive rights to develop and commercialize ADXS-HER2 and three other *Lm*-LLO immunotherapies for pet health applications. Aratana has announced that a product license application for use of ADXS-HER2 in the treatment of canine osteosarcoma has been filed with the United States Department of Agriculture ("USDA"). Aratana received communication from the USDA in March 2015 that the efficacy data previously submitted for product license for AT-014 (ADXS-HER2), the cancer immunotherapy for canine osteosarcoma, licensed from the Company was accepted to provide a reasonable expectation of efficacy to support conditional licensure. While Aratana needs to complete additional steps, including in the areas of manufacturing and safety, Aratana anticipates that AT-014 could receive conditional licensure from the USDA in 2016.

Since inception in 2002, the Company has focused its development efforts on understanding its platform technology and establishing a drug development pipeline that incorporates this technology into therapeutic cancer immunotherapies, currently those targeting HPV-associated cancer (cervical cancer, head and neck cancer and anal cancer), prostate cancer, and HER2 expressing cancers. Although no immunotherapies have been commercialized to date, research and development and investment continues to be placed behind the advancement of this technology. Pipeline development and the further exploration of the technology for advancement entails risk and expense. The Company anticipates that its ongoing operational costs will increase significantly as it continues conducting and expanding its clinical development program. Further, over twenty distinct additional constructs leveraging certain antigens highly expressed in multiple tumor types, developed directly by the Company and through strategic collaborations with recognized centers of excellence, are in various stages of development. Impending priority research advances include, but are not limited to, constructs targeting pan tumor antigens and tumor stromal targets.

*Liquidity and Financial Condition*

The Company's products are being developed and have not generated significant revenues. As a result, the Company has suffered recurring losses. These losses are expected to continue for an extended period of time. On December 19, 2014, the Company priced a registered direct offering of 3,940,801 shares of its Common Stock ("Common Stock"). The transaction closed on December 22, 2014, and the Company received net proceeds of approximately \$15.8 million from the offering. In addition, on February 18, 2015, the Company priced an additional registered direct offering of 3,068,095 shares of its Common Stock. The transaction closed on February 19, 2015, and the Company received net proceeds of approximately \$22.3 million from the offering. The shares in each offering were sold under a Registration Statement (No. 333-194009) on Form S-3, filed by the Company with the United States Securities and Exchange Commission ("SEC"). On May 5, 2015, the Company closed on an underwritten public offering of 2,800,000 shares of Common Stock at a public offering price of \$19.00 per share. The gross proceeds from the public offering were \$53.2 million. Excluding any underwriting commissions, the estimated expenses incurred by the Company in connection with its issuance and distribution of the shares of common stock were \$340,000. On May 20, 2015, the Company closed the Underwriters' overallotment option to purchase 420,000 shares of its Common Stock at a public offering price of \$19.00 per share, resulting in additional gross proceeds of \$8.0 million.

The Company believes its current cash position is sufficient to fund its business plan approximately through calendar 2017. The estimate is based on assumptions that may prove to be wrong, and the Company could use available capital resources sooner than currently expected. Because of the numerous risks and uncertainties associated with the development and commercialization of its product candidates, the Company is unable to estimate the amount of increased capital outlays and operating expenses associated with completing the development of its current product candidates.

The Company recognizes it may need to raise additional capital over and above the amount raised during December 2014, February 2015 and May 2015 in order to continue to execute its business plan. Subsequent to April 30, 2015, the Company intends to continue to raise additional funds through sales of equity securities. There is no assurance that additional financing will be available when needed or that management will be able to obtain financing on terms acceptable to the Company or whether the Company will become profitable and generate positive operating cash flow. If the Company is unable to raise sufficient additional funds, it will have to scale back its business plan.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION**

*Basis of Presentation - Unaudited Interim Financial Information*

The accompanying unaudited interim condensed financial statements and related notes have been prepared in accordance with accounting principles generally accepted in the United States of America (“GAAP”) for interim financial information, and in accordance with the rules and regulations of the SEC with respect to Form 10-Q and Article 8 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for complete financial statements. The unaudited interim financial statements furnished reflect all adjustments (consisting of normal recurring accruals) which are, in the opinion of management, necessary to represent a fair statement of the results for the interim periods presented. Interim results are not necessarily indicative of the results for the full year. These unaudited interim financial statements should be read in conjunction with the financial statements of the Company for the year ended October 31, 2014 and notes thereto contained in the Company’s annual report on Form 10-K for the year ended October 31, 2014, as filed with the SEC on January 6, 2015.

### *Revenue Recognition*

The Company is expected to derive the majority of its revenue from patent licensing. In general, these revenue arrangements provide for the payment of contractually determined fees in consideration for the grant of certain intellectual property rights for patented technologies owned or controlled by the Company. The intellectual property rights granted may be perpetual in nature, or upon the final milestones being met, or can be granted for a defined, relatively short period of time, with the licensee possessing the right to renew the agreement at the end of each contractual term for an additional minimum upfront payment. The Company recognizes licensing fees when there is persuasive evidence of a licensing arrangement, fees are fixed or determinable, delivery has occurred and collectability is reasonably assured.

An allowance for doubtful accounts is established based on the Company’s best estimate of the amount of probable credit losses in the Company’s existing license fee receivables, using historical experience. The Company reviews its allowance for doubtful accounts periodically. Past due accounts are reviewed individually for collectability.

Account balances are charged off against the allowance after all means of collection have been exhausted and the potential for recovery is considered remote. To date, this is yet to occur.

If product development is successful, the Company will recognize revenue from royalties based on licensees’ sales of its products or products using its technologies. Royalties are recognized as earned in accordance with the contract terms when royalties from licensees can be reasonably estimated and collectability is reasonably assured. If royalties cannot be reasonably estimated or collectability of a royalty amount is not reasonably assured, royalties are recognized as revenue when the cash is received.

The Company recognizes revenue from milestone payments received under collaboration agreements when earned, provided that the milestone event is substantive, its achievability was not reasonably assured at the inception of the agreement, the Company has no further performance obligations relating to the event and collection is reasonably assured. If these criteria are not met, the Company recognizes milestone payments ratably over the remaining period

of the Company's performance obligations under the collaboration agreement. All such recognized revenues are included in collaborative licensing and development revenue in the Company's consolidated statements of operations.

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### *Estimates*

The preparation of financial statements in accordance with GAAP involves the use of estimates and assumptions that affect the recorded amounts of assets and liabilities as of the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results may differ substantially from these estimates. Significant estimates include the fair value and recoverability of the carrying value of intangible assets (patents and licenses), the fair value of options, the fair value of embedded conversion features, warrants and related disclosure of contingent assets and liabilities. On an on-going basis, the Company evaluates its estimates, based on historical experience and on various other assumptions that it believes to be reasonable under the circumstances. Actual results may differ from estimates.

### *Concentration of Credit Risk*

The Company maintains its cash in bank deposit accounts (checking) that at times exceed federally insured limits. Approximately \$45.7 million is subject to credit risk at April 30, 2015. However, these cash balances are maintained at creditworthy financial institutions. The Company has not experienced any losses in such accounts and believes it is not exposed to any significant credit risk.

### *Fair Value of Financial Instruments*

The carrying amounts of financial instruments, including cash, accounts payable and accrued expenses approximated fair value as of the balance sheet date presented, because of the relatively short maturity dates on these instruments. The carrying amounts of the financing arrangements issued approximate fair value as of the balance sheet date presented, because interest rates on these instruments approximate market interest rates after consideration of stated interest rates, anti-dilution protection and associated warrants.

### *Net Loss per Share*

Basic net income or loss per common share is computed by dividing net income or loss available to common shareholders by the weighted average number of common shares outstanding during the period. Diluted earnings per share give effect to dilutive options, warrants, convertible debt and other potential Common Stock outstanding during the period. In the case of a net loss the impact of the potential Common Stock resulting from warrants, outstanding stock options and convertible debt are not included in the computation of diluted loss per share, as the effect would be anti-dilutive. In the case of net income the impact of the potential Common Stock resulting from these instruments

that have intrinsic value are included in the diluted earnings per share. The table sets forth the number of potential shares of Common Stock that have been excluded from diluted net loss per share.

	As of April 30,	
	2015	2014
Warrants	3,862,273	4,541,454
Stock Options	798,357	491,923
Shares earned but not issued	-	206,989
Convertible Debt (using the if-converted method)	1,576	3,354
Total	4,662,206	5,243,720

### *Stock Based Compensation*

The Company has an equity plan which allows for the granting of stock options to its employees, directors and consultants for a fixed number of shares with an exercise price equal to the fair value of the shares at date of grant. The Company measures the cost of services received in exchange for an award of equity instruments based on the fair value of the award. For employees and directors, the fair value of the award is measured on the grant date and for non-employees, the fair value of the award is generally measured based on contractual terms. The fair value amount is then recognized over the requisite service period, usually the vesting period, in both research and development expenses and general and administrative expenses on the statement of operations depending on the nature of the services provided by the employees or consultants.

The process of estimating the fair value of stock-based compensation awards and recognizing stock-based compensation cost over their requisite service period involves significant assumptions and judgments. The Company estimates the fair value of stock option awards on the date of grant using the Black Scholes Model (“BSM”) for the remaining awards, which requires that the Company makes certain assumptions regarding: (i) the expected volatility in the market price of its Common Stock; (ii) dividend yield; (iii) risk-free interest rates; and (iv) the period of time employees are expected to hold the award prior to exercise (referred to as the expected holding period). As a result, if the Company revises its assumptions and estimates, stock-based compensation expense could change materially for future grants.

The Company accounts for stock-based compensation using fair value recognition and records stock-based compensation as a charge to earnings net of the estimated impact of forfeited awards. As such, the Company recognizes stock-based compensation cost only for those stock-based awards that are estimated to ultimately vest over their requisite service period, based on the vesting provisions of the individual grants.

*Recent Accounting Pronouncements*

In January 2015, the FASB issued ASU 2015-01, *Income Statement—Extraordinary and Unusual Items*. The objective of this Update is to simplify the income statement presentation requirements in Subtopic 225-20 by eliminating the concept of extraordinary items. Extraordinary items are events and transactions that are distinguished by their unusual nature and by the infrequency of their occurrence. Eliminating the extraordinary classification simplifies income statement presentation by altogether removing the concept of extraordinary items from consideration. This Accounting Standards Update is the final version of Proposed Accounting Standards Update 2014-220—Income Statement—Extraordinary Items (Subtopic 225-20), which has been deleted. The amendments in this Update are effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2015. This Update is not expected to have a material impact on the Company's financial statements.

Management does not believe that any other recently issued, but not yet effective accounting pronouncements, if adopted, would have a material impact on the accompanying condensed financial statements.

**3. PROPERTY AND EQUIPMENT**

Property and equipment consists of the following:

	April 30, 2015 (Unaudited)	October 31, 2014
Laboratory Equipment	\$ 344,025	\$ 333,727
Accumulated Depreciation	(270,507 )	(256,358)
Net Property and Equipment	\$ 73,518	\$ 77,369

Depreciation expense for the three and six months ended April 30, 2015 and 2014 was \$7,246, \$14,148, \$6,903 and \$13,806, respectively.

**4. INTANGIBLE ASSETS**

Pursuant to our license agreement with the University of Pennsylvania, the Company is billed actual patent expenses as they are passed through from Penn and are billed directly from our patent attorney. The following is a summary of

intangible assets as of the end of the following fiscal periods:

	April 30, 2015 (Unaudited)	October 31, 2014
License	\$651,992	\$651,992
Patents	3,445,328	3,111,624
Total intangibles	4,097,320	3,763,616
Accumulated Amortization	(1,094,363)	(995,671 )
Intangible Assets	\$3,002,957	\$2,767,945

The expirations of the existing patents range from 2015 to 2028 but the expirations can be extended based on market approval if granted and/or based on existing laws and regulations. Capitalized costs associated with patent applications that are abandoned without future value are charged to expense when the determination is made not to pursue the application. No patent applications with future value were abandoned or expired and charged to expense in the three and six months ended April 30, 2015 or 2014. Amortization expense for licensed technology and capitalized patent costs are included in general and administrative expenses and aggregated \$50,389, \$98,692, \$42,682, and \$84,616 for the three and six months ended April 30, 2015 and 2014, respectively.

Estimated amortization expense for the next five years is as follows:

Year ended October 31,

2015 (Remaining)	\$ 102,500
2016	205,000
2017	205,000
2018	205,000
2019	205,000

**5. ACCRUED EXPENSES:**

The following table represents the major components of accrued expenses:

	April 30, 2015 (Unaudited)	October 31, 2014
Salaries and Other Compensation	\$ 682,590	\$ 890,069
Vendors	61,977	121,200
Professional Fees	52,116	208,000
Withholding Taxes Payable	119,540	22,527
	\$ 916,223	\$ 1,241,796

**6. SHORT-TERM CONVERTIBLE NOTES & FAIR VALUE OF EMBEDDED DERIVATIVE**

As of April 30, 2015 and October 31, 2014, the Company had approximately \$30,000 and \$63,000 in principal outstanding on its junior subordinated convertible promissory notes that are currently overdue and are recorded as current liabilities on the Company's balance sheet at April 30, 2015 and October 31, 2014, respectively.

During February 2015, the Company induced certain noteholders to convert their convertible promissory notes into common shares by offering conversion prices at a \$1.61 discount from the market price of the common stock. In total, \$33,333 of promissory notes were converted into 4,104 shares of common stock. In connection with the note conversions, the Company recorded a debt conversion expense of \$6,599 in the accompanying statement of operations.

**7. DERIVATIVE INSTRUMENTS***Warrants*

A summary of changes in warrants for the six months ended April 30, 2015 is as follows:

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	Number of Warrants	Weighted-Average Exercise Price
Outstanding Warrants at October 31, 2014:	4,158,092	\$ 5.42
Issued	2,361	\$ 7.20
Exercised *	(169,121 )	4.12
Expired	(129,059 )	\$ 10.46
Outstanding Warrants at April 30, 2015	3,862,273	\$ 5.12

\* Includes the cashless exercise of 120,634 warrants that resulted in the issuance of 99,400 shares of common stock.

At April 30, 2015, the Company had approximately 3.83 million of its total 3.86 million outstanding warrants classified as equity (equity warrants). At October 31, 2014, the Company had approximately 4.1 million of its total 4.2 million outstanding warrants classified as equity (equity warrants). At issuance, equity warrants are recorded at their relative fair values, using the Relative Fair Value Method, in the shareholders' equity section of the balance sheet. The equity warrants can only be settled through the issuance of shares and are not subject to anti-dilution provisions.

*Warrant Liability/Embedded Derivative Liability**Warrant Liability*

At April 30, 2015, the Company had approximately 29,000 of its total approximately 3.86 million outstanding warrants classified as liability warrants (liability warrants). As of October 31, 2014, the Company had approximately 123,000 of its total approximately 4.2 million total warrants classified as liabilities (liability warrants). All of these liability warrants at April 30, 2015 and October 31, 2014 were outstanding. The Company utilizes the BSM to calculate the fair value of these warrants at issuance and at each subsequent reporting date. For those warrants with exercise price reset features (anti-dilution provisions), the Company computes multiple valuations, each quarter, using an adjusted BSM, to account for the various possibilities that could occur due to changes in the inputs to the BSM as a result of contractually-obligated changes (for example, changes in strike price to account for down-round provisions). The Company effectively weights each calculation based on the likelihood of occurrence to determine the value of the warrants at the reporting date. At April 30, 2015, none of the 29,000 liability warrants are subject to weighted-average anti-dilution provisions. At October 31, 2014, approximately 60,000 of the 123,000 liability warrants are subject to weighted-average anti-dilution provisions. A certain number of liability warrants contain a cash settlement provision in the event of a fundamental transaction (as defined in the Common Stock purchase warrant). Any changes in the fair value of the warrant liability (i.e. - the total fair value of all outstanding liability warrants at the balance sheet date) between reporting periods will be reported on the statement of operations.

At April 30, 2015 and October 31, 2014, the fair value of the warrant liability was approximately \$328,000 and \$32,000, respectively. For the three and six months ended April 30, 2015, the Company reported losses of approximately \$23,000 and \$287,000, respectively, due to changes in the fair value of the warrant liability. For the three and six months ended April 30, 2014, the Company reported gains of approximately \$274,000 and \$406,000, respectively, due to changes in the fair value of the warrant liability. In fair valuing the warrant liability, at April 30, 2015 and October 31, 2014, the Company used the following inputs in its BSM:

	4/30/2015	10/31/2014
Exercise Price:	\$5.63-10.63	\$2.76-21.25
Stock Price	\$16.81	\$3.18
Expected term:	184-825 days	4-1006 days
Volatility %	107.86%-118.38 %	55.41%-129.38 %
Risk Free Rate:	.06%-.58 %	.01%-1.62 %

*Exercise of Warrants*

During the six months ended April 30, 2015, warrants to purchase 169,121 shares of common stock were exercised, which resulted in cash proceeds of \$239,593.

*Expiration of Warrants*

During the six months ended April 30, 2015, the Company had 62,430 warrants with anti-dilution provisions, and 66,629 warrants with no such anti-dilution provisions, expire unexercised.

*Warrants with anti-dilution provisions*

Some of the Company's warrants contained anti-dilution provisions originally set at \$25.00 with a term of five years. As of April 30, 2015, all of these warrants had expired. As of October 31, 2014, these warrants had an exercise price of approximately \$7.71. If the Company issues any Common Stock, except for exempt issuances as defined in the warrant agreement, for consideration less than the exercise price then the exercise price and the amount of warrant shares available would be adjusted to a new price and amount of shares per the "weighted average" formula included in the warrant agreement. For the three and six months ended April 30, 2015, this anti-dilution provision required the Company to issue approximately 2,400 additional warrant shares; and the exercise price to be lowered to \$7.20.

For those warrants with exercise price reset features (anti-dilution provisions), the Company computed multiple valuations, each quarter, using an adjusted BSM, to account for the various possibilities that could occur due to changes in the inputs to the BSM as a result of contractually-obligated changes (for example, changes in strike price to account for down-round provisions). The Company utilized different exercise prices of \$7.20 and \$6.00, weighting the possibility of warrants being exercised at \$7.20 between 40% and 50% and warrants being exercised at \$6.00 between 60% and 50%.

As of April 30, 2015, there were outstanding warrants to purchase 3,862,273 shares of the Company's Common Stock with exercise prices ranging from \$2.76 to \$18.75 per share.

**8. STOCK OPTIONS:**

A summary of changes in the stock option plan for six months ended April 30, 2015 is as follows:

	Number of Options	Weighted-Average Exercise Price
Outstanding at October 31, 2014:	467,968	\$ 15.51
Granted	400,798	\$ 12.82
Exercised *	(54,267 )	\$ 6.34
Expired	(16,142 )	\$ 36.42
Outstanding at April 30, 2015	798,357	\$ 14.35
Vested and Exercisable at April 30, 2015	796,357	\$ 14.38

\* Includes the cashless exercise of 34,267 options that resulted in the issuance of 14,342 shares of common stock.

Total compensation cost related to the Company's outstanding stock options, recognized in the statement of operations for the three months ended April 30, 2015, was \$4,717,831 of which \$590,276 was included in research and development expenses and \$4,127,555 was included in general and administrative expenses. For the three months ended April 30, 2014, compensation cost related to the Company's outstanding stock options was \$259,874 of which \$97,793 was included in research and development expenses and \$162,081 was included in general and administrative expenses. For the six months ended April 30, 2015, compensation cost related to the Company's outstanding stock options was \$4,864,686 of which \$635,504 was included in research and development expenses and \$4,229,182 was included in general and administrative expenses. For the six months ended April 30, 2014, compensation cost related to the Company's outstanding stock options was \$517,361 of which \$188,174 was included in research and development expenses and \$329,187 was included in general and administrative expenses.

During the six months ended April 30, 2015, 400,798 options were issued with a total grant date fair value of approximately \$4,656,000. During the six months ended April 30, 2014, 36,000 options were issued with a total grant date fair value of approximately \$145,000.

During the six months ended April 30, 2015, options to purchase 54,267 shares of common stock were exercised, which resulted in cash proceeds of \$58,400.

As of April 30, 2015, there was approximately \$5,000 of unrecognized compensation cost related to non-vested stock option awards, which is expected to be recognized over a remaining average vesting period of 0.60 years.

As of April 30, 2015, the aggregate intrinsic value of vested and exercisable options was approximately \$2,524,000.

## 9. COMMITMENTS AND CONTINGENCIES:

### *Employment Agreements*

Management voluntarily purchases restricted stock directly from the Company at market price. The respective stock purchases occur on the last trading day of each month. This voluntary election is outlined in each of Daniel J. O'Connor, Chief Executive Officer and President, David J. Mauro, Executive Vice President, Chief Medical Officer, Gregory T. Mayes, Executive Vice President, Chief Operating Officer and Secretary, Robert G. Petit, Executive Vice President, Chief Scientific Officer and Sara M. Bonstein, Senior Vice President, Chief Financial Officer, (each an "Executive"), employment agreements. The table below reflects the purchases of each Executive:

Executive	ANNUALIZED	For the Six Months Ended April 30, 2015			
	Annual Amount to be Purchased	Gross Purchase		Net Purchase	
	\$	\$	# of shares	\$	# of shares
Daniel J. O'Connor	\$ 89,064	\$42,590	5,391	\$42,590	5,391
David J. Mauro	\$ 16,531	\$7,991	1,023	\$5,822	794
Gregory T. Mayes	\$ 23,477	\$10,562	1,328	\$8,772	1,118
Robert G. Petit	\$ 25,225	\$12,470	1,591	\$9,473	1,259
Sara M. Bonstein	\$ 19,734	\$8,910	1,123	\$7,140	906

For the three months ended April 30, 2015, the Company recorded stock compensation expense of \$43,925 on the statement of operations representing 3,474 shares of its Common Stock (3,129 shares on a net basis after employee payroll taxes).

For the six months ended April 30, 2015, the Company recorded stock compensation expense of \$90,088 on the statement of operations representing 11,305 shares of its Common Stock (10,182 shares on a net basis after employee payroll taxes).



From 2013 to present, in addition to the purchases of Common Stock set forth in the above table, Mr. O'Connor has also purchased an additional 146,616 shares of Common Stock out of his personal funds at the then market price for an aggregate consideration of approximately \$588,294. These purchases consisted of the conversion of amounts due to Mr. O'Connor under a promissory note given by Mr. O'Connor to the Company in 2012 of approximately \$66,500 for 21,091 shares, 2013 base salary which he elected to receive in Common Stock of approximately \$182,919 for 34,752 shares, 2013 and 2014 cash bonus voluntarily requested to receive in equity of approximately \$206,125 for 57,990 shares, Fiscal 2014 voluntary request to purchase stock directly from the Company at market price purchases of \$68,750 for 15,950 shares, and purchases of the Company's Common Stock in the October 2013 and March 2014 public offerings of 13,500 shares for \$54,000 and 3,333 shares for \$10,000.

The Executives' employment agreements entitle them to a performance-based year-end cash bonus. Mr. O'Connor, Dr. Mauro and Mr. Mayes voluntarily requested to be paid all of their bonus, required to be paid in cash, in the Company's Common Stock instead of cash. Ms. Bonstein voluntarily requested to be paid 75% of her cash bonus in the Company's Common Stock instead of cash. Dr. Petit received 100% of his bonus in cash. The total fair value of these equity purchases were \$457,125, or 137,275 shares of the Company's Common Stock (104,461 on a net basis after employee payroll taxes).

#### *Stock Awards*

During the three months ended April 30, 2015, 129,583 shares of Common Stock (83,666 shares on a net basis after employee taxes) were issued to executives and employees related to incentive retention awards, employment inducements and employee excellence awards. Accordingly, \$1,138,471 was charged to stock compensation expense.

During the six months ended April 30, 2015, 163,378 shares of Common Stock (111,232 shares on a net basis after employee taxes) were issued to executives and employees related to incentive retention awards, employment inducements and employee excellence awards. Accordingly, \$1,272,170 was charged to stock compensation expense.

Furthermore, non-executive employees were entitled to receive a performance-based year-end cash bonus. Several non-executive employees requested to be paid all or a portion of their cash bonus in the Company's Common Stock instead of cash. The total fair value of these equity purchases were \$67,671, or 20,322 shares of the Company's Common Stock (14,300 on a net basis after employee payroll taxes).

On March 30, 2015, the Company granted to executives 64,652 restricted stock units (RSUs) with a fair value of \$868,923 and 1,048,197 stock options with a fair value of \$12,814,963. The RSU's and stock options vest annually in equal installments such that 100% of the RSU's have vested by the third anniversary of the grant date. The RSU's and stock options are contingent upon the approval of the 2015 Incentive Plan.

The Company recognizes the fair value of those vested shares in the statement of operations in the period earned.

#### *Director Compensation*

During the three months ended April 30, 2015, 23,955 shares of Common Stock were issued to the Directors for compensation related to board and committee membership. Accordingly, \$96,540 was charged to stock compensation expense.

During the six months ended April 30, 2015, 215,895 shares of Common Stock (202,468 shares on a net basis after taxes) were issued to the Directors for compensation related to board and committee membership. Accordingly, \$703,079 was charged to stock compensation expense.

On March 30, 2015, the Company granted to the Directors 90,000 restricted stock units (RSUs) with a fair value of \$1,209,600 and 170,000 stock options with a fair value of \$2,078,372 for compensation related to board and committee membership. The RSUs vest annually in equal installments such that 100% of the RSUs have vested by the third anniversary of the grant date. The stock options vest annually as follows: 90,000 after the one year anniversary, 40,000 after the two year anniversary and 40,000 after the three year anniversary. The RSUs and stock options are contingent upon the approval of the 2015 Incentive Plan.

#### *Legal Proceedings*

##### *Iliad Research and Trading*

On March 24, 2014, Iliad Research and Trading, L.P. (“Iliad”) filed a complaint (the “Complaint”) against the Company in the Third Judicial District Court of Salt Lake County, Utah, purporting to assert claims for breach of express and implied contract. Specifically, Iliad alleged that the Company granted a participation right to Tonaquint, Inc. (“Tonaquint”) in a securities purchase agreement between Tonaquint and the Company, dated as of December 13, 2012 (the “Purchase Agreement”), pursuant to which Tonaquint was entitled to participate in any transaction that the Company structured in accordance with Section 3(a)(9) or Section 3(a)(10) of the Securities Act of 1933, as amended. Iliad further alleged that the settlement that the Company entered into with Ironridge Global IV, Ltd. (“Ironridge”), pursuant to which the Company issued certain shares of its Common Stock to Ironridge in reliance on the Section 3(a)(10) exemption, occurred without adequate notice for Tonaquint to exercise its participation right. In addition, Iliad alleged that it acquired all of Tonaquint’s rights under the Purchase Agreement in April 2013.



On June 2, 2014, Iliad filed an amended complaint (the “Amended Complaint”), which purported to add claims against the Company under the federal and Utah securities laws and for common law fraud. On June 30, 2014, the Company removed the action to the United States District Court for the District of Utah. On August 1, 2014, after the Court issued its Order Granting Stipulated Motion for Leave to File Second Amended Complaint, Iliad filed a Second Amended Complaint (the “SAC”), which purported to add a sixth claim for conversion. On August 22, 2014, the Company filed papers in support of its motion to dismiss the SAC in its entirety. On November 24, 2014, the Court filed an order dismissing the conversion claim but denying the remainder of the motion to dismiss.

Meanwhile, on September 22, 2014, Iliad filed papers in support of its motion for partial summary judgment of liability on the express contact claim. On December 5, 2014, Advaxis filed papers in opposition to the motion for partial summary judgment and in support of its separate motion under Rule 56(d) to deny partial summary judgment and for allowance of discovery. On December 8, 2014, Advaxis filed its answer to the SAC and a counterclaim (the “Counterclaim”), alleging that Iliad – by purporting to have surreptitiously preserved its claim for breach of Tonaquint’s alleged right to participate in the Ironridge transaction – had fraudulently induced Advaxis to enter into the parties’ post-assignment Exchange and Settlement Agreement and, in the alternative, had breached the covenant of good faith and fair dealing implied therein. On January 23, 2015, Iliad filed its Reply to Counterclaim (rather than attempting to move to dismiss Advaxis’s Counterclaim). On May 4, 2015, the Court filed its Memorandum Decision and Order, which grants the partial motion for summary judgement and denies the Rule 56(d) motion, finding that Advaxis materially breached the Purchase Agreement.

On May 28, 2015, following a Scheduling Conference, the Court set the following case deadlines: end of discovery (January 15, 2016); dispositive and expert motions (February 12, 2016); Proposed Pretrial Order (March 23, 2016); and Final Pretrial Conference (March 25, 2016).

Iliad seeks “damages in an amount to be determined at trial” (though the common law fraud damages alone are alleged to be “greater than \$300,000”) plus interest, attorneys’ fees and costs. Iliad has also asked for punitive damages in connection with its claims under the Utah Securities Act (equal to three times its actual damages), and common law fraud. The Company intends to continue to defend itself vigorously.

#### *Numoda*

On June 19, 2009, the Company entered into a master agreement and on July 8, 2009, the Company entered into a Project Agreement with Numoda Corporation (“Numoda”), to oversee Phase 2 clinical activity with ADXS-HPV for the treatment of invasive cervical cancer and CIN.

On October 1, 2014, the Company filed a Complaint against Numoda seeking a declaratory judgment that, with its tender to Numoda of a check for \$68,884.00, the Company had fully performed the parties' Project Agreement and that Numoda was not entitled to interest, costs or attorneys' fees thereunder or otherwise. On January 9, 2015, Numoda filed papers in support of its motion to dismiss the Complaint. On January 23, 2015, the Company filed an Amended Complaint against Numoda seeking an order directing Numoda to specifically perform its obligation to deliver to Advaxis all materials, information and other data generated under the parties' Project Agreement. On February 25, 2015, the Court endorsed a letter from Numoda's counsel withdrawing its motion to dismiss the Complaint in light of the Amended Complaint. On February 20, 2015, Numoda filed an Answer denying liability and asserting a number of affirmative defenses. With Court approval of a stipulation of the parties, the Preliminary Conference was adjourned from May 28, 2015 until August 13, 2015.

The Company is from time to time involved in legal proceedings in the ordinary course of its business. The Company does not believe that any of these claims and proceedings against us is likely to have, individually or in the aggregate, a material adverse effect on its financial condition or results of operations.

#### *Description of Property*

The Company's corporate offices are currently located at 305 College Road East, Princeton, New Jersey 08540. On April 1, 2011, the Company entered into a sublease agreement for such office, which agreement has a termination date of November 29, 2015. In May 2015, the Company entered into a direct lease for an expansion area, as well as a direct lease for the existing office, lab and vivarium space upon the expiration of the sublease agreement, which is approximately 20,000 square foot of space in Princeton, NJ. The Company plans to continue to rent necessary offices and laboratories to support its business.

## **10. SHAREHOLDERS' EQUITY**

#### *Registered Direct Offerings*

On December 19, 2014, the Company priced a registered direct offering of 3,940,801 shares of its Common Stock at \$4.25 per share. The transaction closed on December 22, 2014, and the Company received gross proceeds of approximately \$16.7 million from the offering. After deducting offering expenses, the net proceeds from the offering were approximately \$15.8 million.

On February 18, 2015, the Company priced an additional registered direct offering of 3,068,095 shares of its Common Stock at \$7.50 per share. The transaction closed on February 19, 2015, and the Company received gross proceeds of approximately \$23.0 million from the offering. After deducting offering expenses, the net proceeds from the offering were approximately \$22.3 million.

*Shares Issued to consultants*

During the six months ended April 30, 2015, 243,650 shares of Common Stock valued at \$2,377,907 were issued to consultants for services, of which \$807,600 was included in research and development expenses and \$1,570,307 was included in general and administrative expenses. The common stock share values were based on the grant date fair values.

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## 11. FAIR VALUE

The authoritative guidance for fair value measurements defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or the most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Market participants are buyers and sellers in the principal market that are (i) independent, (ii) knowledgeable, (iii) able to transact, and (iv) willing to transact. The guidance describes a fair value hierarchy based on the levels of inputs, of which the first two are considered observable and the last unobservable, that may be used to measure fair value which are the following:

Level 1 — Quoted prices in active markets for identical assets or liabilities

Level 2— Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or corroborated by observable market data or substantially the full term of the assets or liabilities

Level 3 — Unobservable inputs that are supported by little or no market activity and that are significant to the value of the assets or liabilities

The following table provides the liabilities carried at fair value measured on a recurring basis as of April 30, 2015 and October 31, 2014:

	Level 1	Level 2	Level 3	Total
April 30, 2015				
Common stock warrant liability, warrants exercisable at \$5.63 - \$18.75 from May 2015 through August 2017	\$ -	\$ -	\$327,567	\$327,567
October 31, 2014				
Common stock warrant liability, warrants exercisable at \$2.76 - \$21.25 from November 2014 through August 2017	\$ -	\$ -	\$32,091	\$32,091

### **Common stock warrant liability:**

	April 30, 2015 (Unaudited)
Beginning balance: October 31, 2014	\$ 32,091
Issuance of additional warrants due to anti-dilution provisions	8,169
Change in fair value	287,307
Balance at April 30, 2015	\$ 327,567

## 12. SUBSEQUENT EVENTS

On May 5, 2015, the Company closed an underwritten public offering of 2,800,000 shares of common stock at a public offering price of \$19.00 per share. The gross proceeds from the public offering were \$53.2 million. Excluding any underwriting commissions, the estimated expenses incurred by the Company in connection with its issuance and distribution of the shares of common stock were \$340,000.

On May 8, 2015, the Company issued 58,126 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On May 11, 2015, the Company issued 21,250 shares of Common Stock to a current Executive which represents the initial vesting period of an inducement grant pursuant to his Employment Agreement.

On May 12, 2015, the Company issued 427 shares of common stock to accredited investors as a result of cashless exercises of 17,545 warrants.

On May 20, 2015, the Company closed the Underwriters option to purchase an additional 420,000 shares of Common Stock at a public offering price of \$19.00 per share, resulting in gross proceeds of \$8.0 million.

On May 21, 2015, the Company issued 689 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On May 21, 2015, the Company issued 9,438 shares of Common Stock to an accredited investor as a result of a cashless exercise of 25,000 options.

On May 26, 2015, the Company issued 116,411 shares of Common Stock to an accredited investor as a result of a cashless exercise of 153,061 warrants.

On May 27, 2015, the Company's shareholders approved the 2015 Incentive Plan.

On May 29, 2015, the Company issued 584 shares of Common Stock to management, pursuant to their Employment Agreements.

On May 29, 2015, the Company issued 4,257 shares of Common Stock to management, which represents the initial vesting period of inducement grants pursuant to their respective Employment Agreements.

On June 1, 2015, the Company announced that the FDA had cleared the IND application to conduct a Phase 2 clinical study of ADXS-HPV alone or in combination with Incyte Corporation's investigational oral indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor, epacadostat (INCB24360), for the treatment of Stage I-IIIb HPV-associated cervical cancer. The proposed Phase 2 protocol is designed as a multicenter, open-label, preoperative window-study designed to evaluate the safety and efficacy of ADXS-HPV as monotherapy and in combination with epacadostat in approximately 30 patients with Stage I-IIIb HPV-associated cervical cancer. The results will be used to determine whether further clinical development of this combination is warranted.

On June 3, 2015, the Company issued 22,500 shares of Common Stock as a result of a warrant exercise.

On June 3, 2015, the Company issued 10,000 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On June 3, 2015, the Company issued 8,870 shares of Common Stock to a current Executive which represents the initial vesting period of an inducement grant pursuant to his Employment Agreement.

On June 3, 2015, the Company issued 21,387 shares of Common Stock to an accredited investor as a result of a cashless exercise of 58,400 options.

On June 5, 2015, the Company issued 50,000 shares of Common Stock as a result of a warrant exercise.

On June 8, 2015, the Company issued 151,400 shares of Common Stock as a result of warrant exercises.

On June 9, 2015, the Company issued 84,580 shares of Common Stock as a result of warrant exercises.

On June 10, 2015, the Company issued 108,543 shares of Common Stock as a result of warrant exercises.

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## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis contains forward-looking statements about our plans and expectations of what may happen in the future. Forward-looking statements are based on a number of assumptions and estimates that are inherently subject to significant risks and uncertainties, and our results could differ materially from the results anticipated by our forward-looking statements as a result of many known or unknown factors, including, but not limited to, those factors discussed in "Risk Factors" and incorporated by reference herein. See also the "Special Cautionary Notice Regarding Forward-Looking Statements" set forth at the beginning of this report.

You should read the following discussion and analysis in conjunction with the unaudited consolidated financial statements, and the related footnotes thereto, appearing elsewhere in this report, and in conjunction with management's discussion and analysis and the audited consolidated financial statements included in our annual report on Form 10-K for the year ended October 31, 2014.

### Overview

We are a clinical-stage biotechnology company focused on the discovery, development and commercialization of proprietary *Lm* -LLO cancer immunotherapies. These immunotherapies are based on a platform technology that utilizes live attenuated *Listeria monocytogenes*, bioengineered to secrete antigen/adjuvant fusion proteins. These *Lm* -LLO strains are believed to be a significant advancement in immunotherapy as they integrate multiple functions into a single immunotherapy as they access and direct antigen presenting cells to stimulate anti-tumor T-cell immunity, stimulate and activate the immune system with the equivalent of multiple adjuvants, and simultaneously reduce tumor protection in the tumor microenvironment to enable the T-cells to eliminate tumors.

### *ADXS-HPV Franchise*

ADXS-HPV is an *Lm* -LLO immunotherapy directed against HPV and designed to target cells expressing the HPV. It is currently under investigation in three HPV-associated cancers: cervical cancer, head and neck cancer, and anal cancer, either as a monotherapy or in combination.

### Cervical Cancer

There are 527,624 new cases of cervical cancer caused by HPV worldwide every year, and 14,377 new cases in the U.S. alone, according to the WHO Human Papillomavirus and Related Cancers in the World Summary Report 2014. Current preventative vaccines cannot protect the 20 million women who are already infected with HPV. Challenges with acceptance, accessibility, and compliance have resulted in approximately a third of young women being vaccinated in the United States and even less in other countries around the world.

We completed a randomized Phase 2 clinical study that was conducted exclusively in India in 110 women with recurrent/refractory cervical cancer. The final results, were presented at the 2014 American Society of Clinical Oncology (“ASCO”) Annual Meeting, and showed that 32% (35/109) of patients were alive at 12 months, 22% (24/109) of patients were Long-term Survivors (“LTS”) alive greater than 18 months, and 18% (16/91 evaluable with adequate follow-up) of patients were alive for more than 24 months. Of the 109 patients treated in the study, LTS included not only patients with tumor shrinkage but also patients who had experienced stable disease or increased tumor burden. 17% (19/109) of the patients in the trial had recurrence of disease after at least two prior treatments for their cervical cancer; these patients comprised 8% (2/24) of LTS. Among the LTS, 25% (3/12) of patients had an ECOG performance status of 2, a patient population that is often times excluded from clinical trials. Furthermore, a 10% objective response rate (including 5 complete responses and 6 partial responses) and a disease control rate of 38% (42/109) was observed. The addition of cisplatin chemotherapy to ADXS-HPV in this study did not significantly improve overall survival or objective tumor response ( $p=0.9981$ ). 109 patients received 254 doses of ADXS-HPV. ADXS-HPV was found to be well tolerated with 38% (41/109) of patients experiencing mild to moderate Grade 1 or 2 transient adverse events associated with infusion; 1 patient experienced a Grade 3 SAE. All observed adverse events either self-resolved or responded readily to symptomatic treatment. Based on the results from the completed randomized Phase 2 clinical study, Biocon Limited (“Biocon”), our co-development and commercialization partner for ADXS-HPV in India and key emerging markets, plans to seek regulatory approval of ADXS-HPV in India for the treatment of recurrent/refractory cervical cancer.

The GOG, under the sponsorship of the Cancer Therapy Evaluation Program (“CTEP”) of the National Cancer Institute (“NCI”), is independently conducting an open-label, single arm Phase 2 study of ADXS-HPV in persistent or recurrent cervical cancer (patients must have received at least 1 prior chemotherapy regimen for the treatment of their recurrent/metastatic disease, not including that administered as a component of primary treatment) in the U.S., GOG-0265. The first stage of enrollment in GOG-0265 has successfully been completed with 26/29 patients treated and has met the predetermined safety and efficacy criteria required to proceed into the second stage of patient enrollment. As of January 2015, 27% (7/26) of patients were alive at one year (the predefined criteria for 12-month survival was  $\geq 20\%$ ); 6 additional patients were still alive, but with less than 12 months follow up, i.e., these 6 patients are eligible to exceed 12 month survival. The adverse events observed in the first stage of the study have been consistent with those reported in other clinical studies with ADSX-HPV. The second stage of the study of approximately 37 patients is now enrolling and has been amended to allow only one prior chemotherapy regimen for the treatment of their recurrent/metastatic disease and allows patients to continue to receive repeat cycles of therapy until disease progression.

We have completed an End-of-Phase 2 (“EOP2”) meeting with the FDA. The purpose of the EOP2 meeting was to discuss ADXS-HPV’s preclinical data, Chemistry, Manufacturing and Controls (“CMC”) and clinical program prior to moving ADXS-HPV forward into a registrational trial in cervical cancer. At the meeting, the FDA provided guidance on our CMC activities and clinical development plan. We have submitted our Phase 3 protocol for a Special Protocol Assessment (“SPA”) request to the FDA. The SPA request includes specific questions from us to facilitate a meaningful dialog with the FDA on the proposed study design. Following receipt, the FDA will determine the appropriateness of the SPA request and either notify us that the request is not appropriate or proceed with the assessment and provide comments to us within 45 calendar days. Additional rounds of review and/or a formal meeting are anticipated, both of which would extend the review period and be beneficial in reaching agreement with the FDA on design elements. Based on the FDA’s feedback, we may reach final agreement with FDA or may decide to incorporate the advice into the design of the Phase 3 clinical study without undergoing additional rounds of review. FDA’s assessment of the SPA request, and all related feedback, will be very valuable in the development of ADXS-HPV. We then plan to initiate, in collaboration with the GOG Foundation, Inc., an independent international non-profit organization with the purpose of promoting excellence in the quality and integrity of clinical and basic scientific research in the field of gynecologic malignancies, a registrational clinical trial in cervical cancer in 2015 to support a Biologics License Application (“BLA”) submission in the U.S. and in other territories around the world.

Subject to FDA concurrence under our request for a SPA, the registrational clinical trial that we plan to conduct will be a Phase 3 study of adjuvant ADXS-HPV following chemoradiation as primary treatment for high risk locally advanced cervical cancer compared to chemoradiation alone. This population has a high risk of recurrence and once recurred there is no cure. This study will evaluate both the time it takes for the cancer to recur as well as the overall survival. Our goal is to develop a treatment to prevent or reduce the risk of recurrence of cervical cancer after primary treatment interventions have ceased.

We are conducting a Phase 1/2 trial evaluating higher doses and repeat cycles of ADXS-HPV in patients with recurrent cervical cancer. This Phase 1/2 study is designed to evaluate the safety, efficacy and immunological effect of the highest-tolerated dose of ADXS-HPV administered in repeat cycles of treatment to patients with cervical cancer whose disease recurred after receiving one prior cytotoxic treatment regimen.

We have entered into a clinical trial collaboration agreement with MedImmune, LLC (“MedImmune”), the global biologics research and development arm of AstraZeneca, and have received FDA clearance of an IND to conduct a Phase 1/2, open-label, multicenter, two part study to evaluate the safety and immunogenicity of our investigational *Lm*-LLO cancer immunotherapy, ADXS-HPV, in combination with MedImmune’s investigational anti-PD-L1 immune checkpoint inhibitor, MEDI4736, as a combination treatment for patients with metastatic HPV-associated squamous or non-squamous carcinoma of the cervix and metastatic HPV-associated Squamous Cell Carcinoma Head and Neck (“SCCHN”).

We have entered into a clinical trial collaboration agreement with Incyte where we plan to conduct a Phase 2, open-label, multicenter study to evaluate the safety and immunogenicity of ADXS-HPV as a monotherapy and in combination with Incyte’s investigational oral indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor, epacadostat

(INCB24360), in patients with Stage I-IIa HPV-associated cervical cancer. The FDA has cleared the Ind application and Incyte plans to initiate this phase 2 in 2015.

ADXS-HPV has received orphan drug designation for invasive Stage II-IVb cervical cancer.

### Head and Neck Cancer

SCCHN is the most frequently occurring malignant tumor of the head and neck and is a major cause of morbidity and mortality worldwide. More than 90% of SCCHNs originate from the mucosal linings of the oral cavity, pharynx, or larynx and 60-80% of these cancers are caused by HPV. According to the American Cancer Society, head and neck cancer accounts for about 3% to 5% of all cancers in the United States with the incidence of HPV-associated head and neck cancers increasing at an epidemic rate. Approximately 12,000 new cases will be diagnosed in the United States in 2015.

The safety and immunogenicity of ADXS-HPV is being evaluated in a Phase 2 study under an investigator-sponsored IND at Mount Sinai, in patients with HPV-positive head and neck cancer. This clinical trial is the first study to evaluate the effects of ADXS-HPV in patients when they are initially diagnosed with HPV-associated head and neck cancer. As of April 2015, 10 patients have been enrolled into the study.

As stated above, we recently entered into a clinical trial collaboration agreement with MedImmune to collaborate on a Phase 1/2, open-label, multicenter, two part study to evaluate safety and immunogenicity of MEDI4736 in combination with ADXS-HPV as a combination treatment for patients with metastatic HPV-associated squamous or non-squamous carcinoma of the cervix and metastatic HPV-associated SCCHN. The FDA has cleared our IND application to commence this study in 2015.

ADXS-HPV has received orphan drug designation for HPV-associated head and neck cancer.

### Anal Cancer

According to the American Cancer Society, most squamous cell anal cancers seem to be linked to infection by HPV, the same virus that causes cervical cancer. In fact, women with a history of cervical cancer (or pre-cancer) have an increased risk of anal cancer. While anal cancer is fairly rare and much less common than cancer of the colon or rectum, the incidence of anal cancer is increasing 2.2% a year according to the Surveillance, Epidemiology, and End Results ("SEER") database mainly attributed to HPV infections. About 7,270 new cases will be diagnosed in the United States in 2015.

The safety and efficacy of ADXS-HPV is being evaluated in a Phase 2 study under an investigator-sponsored IND by Brown University in patients with high risk locally advanced anal cancer. As of March 2015, preliminary data from this study indicates all 10 patients who have completed the treatment regimen have experienced a six-month complete response rate, with no disease recurrence. Total planned enrollment for this study is 25 patients. In addition, we plan to initiate a Company sponsored single arm Phase 2 monotherapy study in patients with metastatic anal cancer in 2015.

We have entered into clinical trial collaboration agreement with the Radiation Therapy Oncology Group (“RTOG”) Foundation to evaluate the safety and efficacy of ADXS-HPV in a pivotal Phase 2/3 anal cancer trial, which will be run by NRG Oncology.

ADXS-HPV has received orphan drug designation for HPV-associated anal cancer.

### *ADXS-PSA Franchise*

#### Prostate Cancer

According to the American Cancer Society, prostate cancer is the most common type of cancer found in American men, other than skin cancer. Prostate cancer is the second leading cause of cancer death in men, behind only lung cancer. One man in seven will get prostate cancer during his lifetime, and one man in 36 will die of this disease. About 220,800 new cases will be diagnosed in the United States in 2015.

ADXS-PSA is an *Lm* -LLO immunotherapy designed to target the PSA antigen associated with prostate cancer.

We have entered into a clinical trial collaboration and supply agreement with Merck & Co. (“Merck”) to evaluate the safety and efficacy of ADXS-PSA as monotherapy and in combination with KEYTRUDA® (pembrolizumab), Merck’s anti PD-1 antibody, in a Phase 1/2, open-label, multicenter, two part study in patients with previously treated metastatic, castration-resistant prostate cancer. The FDA has cleared our IND application and we have initiated this Phase 1/2 study.

### *ADXS-HER2 Franchise*

#### HER2 Expressing Solid Tumors

ADXS-HER2 is an *Lm* -LLO immunotherapy designed to target the HER2 gene which is expressed in some solid tumor cancers such as human and canine osteosarcoma, breast, gastric and other cancers. The FDA has cleared our IND application and we plan to initiate a Phase 1b study in patients with metastatic HER2-expressing cancers in 2015. Thereafter, we intend to initiate a clinical development program with ADXS-HER2 for the treatment of pediatric osteosarcoma.

#### Osteosarcoma

Osteosarcoma affects about 400 children and teens in the U.S. every year, representing a small but significant unmet medical need that has seen little therapeutic improvement in decades. Osteosarcoma is considered a rare disease and may qualify for regulatory incentives including, but not limited to, orphan drug designation, patent term extension, market exclusivity, and development grants. Given the limited availability of new treatment options for osteosarcoma, and that it is an unmet medical need affecting a very small number of patients in the U.S. annually, we believe that, subject to regulatory approval, the potential to be on the market may be accelerated.

Based on encouraging preliminary data from a veterinarian clinical study in which pet dogs with naturally occurring osteosarcoma were treated with ADXS-HER2, we intend to initiate a clinical development program with ADXS-HER2 for the treatment of osteosarcoma. In this veterinarian clinical study, pet dogs with naturally occurring osteosarcoma treated with ADXS-HER2 after the standard of care showed a statistically significant prolonged overall survival benefit compared with dogs that received standard of care without ADXS-HER2 (median survival with ADXS-HER2 not reached vs. 316 days in disease-matched patient population,  $p < 0.00001$ ). Both veterinary and human osteosarcoma specialists consider canine osteosarcoma to be the best model for human osteosarcoma.

ADXS-HER2 has received orphan drug designation for osteosarcoma.

#### Canine Osteosarcoma

Under the direction of Dr. Nicola Mason, the University of Pennsylvania School of Veterinary is conducting a Phase 1 study in companion dogs evaluating the safety and efficacy of ADXS-HER2 in the treatment of canine osteosarcoma. The primary endpoint of the study is to determine the maximum tolerated dose of ADXS-HER2. Secondary endpoints for the study are progression-free survival and overall survival. The preliminary findings of the Phase 1 clinical trial in dogs with osteosarcoma suggest that ADXS-HER2 is safe and well tolerated at doses up to  $3 \times 10^9$  CFU with no evidence of significant cardiac, hematological, or other systemic toxicities. The study determined that ADXS-HER2 is able to delay or prevent metastatic disease and significantly prolong overall survival in dogs with osteosarcoma that had minimal residual disease following standard of care (amputation and follow-up chemotherapy). Dr. Mason presented data at the 2014 American College of Veterinary Internal Medicine (“ACVIM”) Forum which showed that 80% of the dogs treated (n=15) were still alive and median survival had not yet been reached; median survival in control dogs (n=13) was 316 days. Immunological analyses are also being conducted in this study to further evaluate the immune response to ADXS-HER2. A second study has been conducted by Dr. Mason and presented at the 2015 ACVIM Forum in pet dogs (n=12) with primary osteosarcoma unsuitable for amputation. Repeat doses of ADXS-HER2 were well tolerated with no systemic or cardiac toxicity. As of June 2015, of the 12 canine patients recruited to date, seven were alive with current survival times ranging from 66 to 479 days. The median survival time of dogs receiving palliative radiation plus ADXS-HER2 has not been reached. The median time to progression of these 12 canine patients is 238 days. The reported median survival time for historical control dogs with OSA that do not undergo amputation but instead receive the same palliative radiation protocol without ADXS-HER2 is 136 days.

Osteosarcoma is the most common primary bone tumor in dogs, accounting for roughly 85% of tumors on the canine skeleton. Approximately 10,000 dogs a year (predominately middle to older-aged dogs and larger breeds) are diagnosed with osteosarcoma in the United States. This cancer initially presents as lameness and oftentimes visible

swelling on the leg. Current standard of care treatment is amputation immediately after diagnosis, followed by chemotherapy. Median survival time with standard of care is ten to twelve months. For dogs that cannot undergo amputation, palliative radiation and analgesics are frequently employed and median survival times range from three to five months.

On March 19, 2014, we entered into a definitive Exclusive License Agreement with Aratana, where we granted Aratana an exclusive, worldwide, royalty-bearing, license, with the right to sublicense, certain of our proprietary technology that enables Aratana to develop and commercialize animal health products that will be targeted for treatment of osteosarcoma and other cancer indications in animals. A product license request has been filed by Aratana for ADXS-HER2 (also known as AT-014 by Aratana) for the treatment of canine osteosarcoma with the USDA. While the USDA has no specific obligation to respond within a prescribed timeframe, the companies anticipate that AT-014 could receive conditional licensure from the USDA in 2016. Aratana has been granted exclusive worldwide rights by us to develop and commercialize ADXS-HER2 in animals. Aratana is further responsible for the conduct of clinical research with ADXS-Survivin in canine/feline lymphoma, as well as pending investigation of two additional Advaxis constructs in animals.

#### *Lm-LLO Combination Franchise*

#### ADXS-HPV and MEDI4736

As stated above, we have entered into a clinical trial collaboration agreement with MedImmune, where we plan to collaborate on a Phase 1/2, open-label, multicenter, two part study to evaluate safety and immunogenicity of our investigational *Lm*- LLO cancer immunotherapy, ADXS-HPV, in combination with MedImmune's investigational anti-PD-L1 immune checkpoint inhibitor, MEDI4736 for the treatment of patients with metastatic HPV-associated squamous or non-squamous carcinoma of the cervix and metastatic HPV-associated SCCHN. The FDA has cleared our IND application and we plan to initiate this Phase 1/2 in 2015.

#### ADXS-HPV and INCB24360

As stated above, we have entered into a clinical trial collaboration agreement with Incyte where we plan to collaborate on a Phase 2, open-label, multicenter, preoperative window-study to evaluate the safety and immunogenicity of ADXS-HPV as a monotherapy and in combination with Incyte's investigational oral indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor, epacadostat (INCB24360), in patients with Stage I-IIa HPV-associated cervical cancer. The FDA has cleared the IND application and Incyte plans to initiate this Phase 2 in 2015.

#### ADXS-PSA and MK-3475

As stated above, we have entered into a clinical trial collaboration agreement with Merck to evaluate the safety and efficacy of ADXS-PSA as monotherapy and in combination with KEYTRUDA® (pembrolizumab), Merck's anti PD-1

antibody, in a Phase 1/2, open-label, multicenter, two part study in patients with previously treated metastatic, castration-resistant prostate cancer. The FDA has cleared our IND application and we have initiated this Phase 1/2 study.

*Lm -LLO Immunotherapy and GRU*

We have a non-clinical research agreement with Georgia Regents University (“GRU”) for a research collaboration to evaluate the *in vitro* effect of our *Lm* -LLO cancer immunotherapy technology in combination with other immunotherapies, including, but not limited to, anti-PD-1 immune checkpoint inhibitors.

*Lm -LLO Immunotherapy and Sorrento*

We have entered into a non-exclusive research and clinical trial collaboration agreement with Sorrento Therapeutics, Inc. (“Sorrento”) to evaluate our *Lm*-LLO cancer immunotherapy technology in combination with Sorrento’s fully human antibodies targeting immune checkpoints, including GITR, OX40, LAG-3 and/or TIM-3, in two clinical trials.

*Corporate*

We have been added to the MSCI U.S. Small Cap 1750 Index, which is widely used by leading investors to build and manage their portfolios.

**RESULTS OF OPERATIONS FOR THE THREE MONTHS ENDED APRIL 30, 2015 AND 2014**

*Revenue*

We did not record any revenue for the three months ended April 30, 2015.

During the three months ended April 30, 2014, we transitioned from a development stage company to an operating company. On March 19, 2014, we and Aratana Therapeutics Inc. (“Aratana”) entered into a definitive Exclusive License Agreement (“Agreement”) pursuant to which we granted Aratana an exclusive, worldwide, royalty-bearing, license, with the right to sublicense, certain Advaxis proprietary technology that enables Aratana to develop and commercialize

animal health products that will be targeted for treatment of osteosarcoma and other cancer indications in animals. Under the terms of the agreement, Aratana paid us an upfront payment of \$1 million. As this license has stand-alone value to Aratana (who has the ability to sublicense) and was delivered to Aratana upon execution of the Agreement, we properly recorded the \$1 million payment as licensing revenue in the three months ended April 30, 2014.

### *Research and Development Expenses*

We make significant investments in research and development in support of our development programs both clinically and pre-clinically. Research and development costs are expensed as incurred and primarily include salary and benefit costs, third-party grants, fees paid to clinical research organizations, and supply costs. Research and development expense was \$6.1 million for the three months ended April 30, 2015, compared with \$1.5 million for the three months ended April 30, 2014, an increase of \$4.6 million. The increase was primarily a result of higher third-party costs, specifically related to ADXS-HPV support in manufacturing and clinical trial expenses, for the Anal, Head & Neck, High Dose, and Cervical Cancer programs, as well as ADXS-PSA Phase 1/2 trial start-up support. In addition, greater stock based compensation costs and an increased headcount contributed to the increase.

We anticipate a significant increase in research and development expenses as a result of our intended expanded development and commercialization efforts primarily related to clinical trials and product development. In addition, we expect to incur expenses in the development of strategic and other relationships required to license, manufacture and distribute our product candidates when they are approved.

### *General and Administrative Expenses*

General and administrative expenses primarily include salary and benefit costs for employees included in our finance, legal and administrative organizations, outside legal and professional services, and facilities costs. General and administrative expenses were \$7.7 million for the three months ended April 30, 2015, compared with \$2.1 million for the three months ended April 30, 2014, an increase of \$5.6 million. The increase was primarily due to greater stock based compensation costs of \$4.2 million and investor relations costs of \$1.5 million, mainly non-cash, in the current period.

### *Interest Expense*

Interest expense was \$0 for the three months ended April 30, 2015, as compared to \$3,238 for the three months ended April 30, 2014. The decrease in interest was due to the repayment of debt in the prior year.

### *Debt Conversion Expense*

For the three months ended April 30, 2015, we recorded debt conversion expense of \$6,599 as a result of inducing certain noteholders to convert their convertible promissory notes into common shares by offering conversion prices at a discount from the market price of the common stock.

#### *Changes in Fair Values*

For the three months ended April 30, 2015, the Company recorded non-cash expense from changes in the fair value of the warrant liability of \$23,236 due to an increase in the fair value of liability warrants primarily resulting from a significant increase in our share price from \$9.85 at January 31, 2015 to \$16.81 at April 30, 2015, which was partially offset by the expiration of some warrants.

For the three months ended April 30, 2014, we recorded non-cash income from changes in the fair value of the warrant liability of \$273,849 resulting from a decrease in the fair value of each liability warrant due to a decrease in our share price from \$4.49, at January 31, 2014 to \$2.72 at April 30, 2014 in addition to a smaller range of share prices used in the calculation of the BSM volatility input.

#### *Other Income*

Other income was \$14,503 for the three months ended April 30, 2015, compared to other expense of \$10,749 for the three months ended April 30, 2014. Interest income earned for the three months ended April 30, 2015 and 2014 reflected interest income earned on the Company's savings account balance.

### **RESULTS OF OPERATIONS FOR THE SIX MONTHS ENDED APRIL 30, 2015 AND 2014**

#### *Revenue*

We did not record any revenue for the six months ended April 30, 2015.

During the six months ended April 30, 2014, we transitioned from a development stage company to an operating company. On March 19, 2014, we and Aratana entered into the Agreement pursuant to which we granted Aratana an exclusive, worldwide, royalty-bearing, license, with the right to sublicense, certain Advaxis proprietary technology that enables Aratana to develop and commercialize animal health products that will be targeted for treatment of osteosarcoma and other cancer indications in animals. Under the terms of the agreement. Aratana paid us an upfront

payment of \$1 million. As this license has stand-alone value to Aratana (who has the ability to sublicense) and was delivered to Aratana upon execution of the Agreement, we properly recorded the \$1 million payment as licensing revenue in the six months ended April 30, 2014.

### *Research and Development Expenses*

We make significant investments in research and development in support of our development programs both clinically and pre-clinically. Research and development costs are expensed as incurred and primarily include salary and benefit costs, third-party grants, fees paid to clinical research organizations, and supply costs. Research and development expense was \$9.7 million for the six months ended April 30, 2015, compared with \$3.1 million for the six months ended April 30, 2014, an increase of \$6.6 million. The increase was primarily a result of higher third-party costs, specifically related to ADXS-HPV support in manufacturing and clinical trial expenses, across programs as well as and ADXS-PSA Phase 1/2 trial start-up support. In addition, greater stock based compensation costs, consulting fees and an increased headcount contributed to the increase.

We anticipate a significant increase in research and development expenses as a result of our intended expanded development and commercialization efforts primarily related to clinical trials and product development. In addition, we expect to incur expenses in the development of strategic and other relationships required to license, manufacture and distribute our product candidates when they are approved.

### *General and Administrative Expenses*

General and administrative expenses primarily include salary and benefit costs for employees included in our finance, legal and administrative organizations, outside legal and professional services, and facilities costs. General and administrative expense was \$10.9 million for the six months ended April 30, 2015, compared with \$6.4 million for the six months ended April 30, 2014, an increase of \$4.5 million. The increase was primarily due to greater stock based compensation costs of \$3.6 million and investor relations costs of \$2.4 million, mainly non-cash, in the current period, and was partially offset by a final settlement of an ongoing claim in the prior period that was not incurred in the current period.

### *Interest Expense*

Interest expense was \$0 for the six months ended April 30, 2015, compared with \$5,253 for the six months ended April 30, 2014. The decrease in interest was due to the repayment of debt in the prior year.

### *Gain on Note Retirement and Accounts Payable*

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For the six months ended April 30, 2014, we recorded non-cash income of \$6,243 primarily resulting from the settlement of outstanding payables with shares of our common stock at a discount.

### *Debt Conversion Expense*

For the six months ended April 30, 2015, we recorded debt conversion expense of \$6,599 as a result of inducing certain noteholders to convert their convertible promissory notes into common shares by offering conversion prices at a discount from the market price of the common stock.

### *Changes in Fair Values*

For the six months ended April 30, 2015, the Company recorded non-cash expense from changes in the fair value of the warrant liability of \$287,307 due to an increase in the fair value of liability warrants primarily resulting from a larger range of share prices used in the calculation of the BSM volatility input, as well as a significant increase in our share price from \$3.18 at October 31, 2014 to \$16.81 at April 30, 2015. This was partially offset by the expiration of some warrants.

For the six months ended April 30, 2014, we recorded non-cash income from changes in the fair value of the warrant liability of \$405,797 resulting from a decrease in the fair value of each liability warrant due to a decrease in our share price from \$3.74 at October 31, 2013 to \$2.72 at April 30, 2014 in addition to a smaller range of share prices used in the calculation of the BSM volatility input.

### *Other Income*

Other income was \$20,739 for the six months ended April 30, 2015, compared with \$19,321 in income for the six months ended April 30, 2014. Interest income earned for the six months ended April 30, 2015 and 2014 reflected interest income earned on the Company's savings account balance.

### *Income Tax Benefit*

We may be eligible, from time to time, to receive cash from the sale of our Net Operating Losses, or NOLs, under the State of New Jersey NOL Transfer Program. In the six months ended April 30, 2014, we received a net cash amount of \$625,563 from the sale of our state NOLs and research and development tax credits for the periods ended October

31, 2010 and 2011.

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## Liquidity and Capital Resources

Our major sources of cash have been proceeds from various public and private offerings of our common stock, option and warrant exercises, and interest income. From October 2013 through May 2015, we raised \$141.5 million in gross proceeds from various public and private offerings of our common stock. We have not yet commercialized any drug, and we may not become profitable. Our ability to achieve profitability depends on a number of factors, including our ability to complete our development efforts, obtain regulatory approvals for our drug, successfully complete any post-approval regulatory obligations, successfully compete with other available treatment options in the marketplace, overcome any clinical holds that the FDA may impose and successfully manufacture and commercialize our drug alone or in partnership. We may continue to incur substantial operating losses even after we begin to generate revenues from our drug candidates. We currently expect that our existing capital resources combined with future anticipated cash flows will be sufficient to operate our business plan. The actual amount of cash that we will need to operate is subject to many factors.

Since our inception through April 30, 2015, the Company has reported accumulated net losses of approximately \$107.9 million and recurring negative cash flows from operations. We anticipate that we will continue to generate significant losses from operations for the foreseeable future.

Cash used in operating activities for the six months ended April 30, 2015 was approximately \$9.7 million (including proceeds from the sale of our state NOLs and R&D tax credits of approximately \$1.7 million) primarily from spending associated with our clinical trial programs and general and administrative spending. Total spending approximated \$20.9 million.

Cash used in operating activities for the six months ended April 30, 2014 was approximately \$7.5 million (including proceeds from the sale of our state NOLs and R&D tax credits of approximately \$0.6 million) primarily from spending associated with our clinical trial programs and general and administrative spending. Total spending approximated \$8.1 million, including one-time non-recurring costs associated with our October 2013 financing, certain compensation costs and the settlement of a legal claim.

Cash used in investing activities for the six months ended April 30, 2015 was approximately \$344,000 resulting from legal cost spending in support of our intangible assets (patents) and costs paid to Penn for patents.

Cash used in investing activities for the six months ended April 30, 2014 was approximately \$210,000 resulting from legal cost spending in support of our intangible assets (patents) and costs paid to Penn for patents.

Cash provided by financing activities for the six months ended April 30, 2015 was approximately \$38.4 million, resulting primarily from registered direct offerings of 7,008,896 shares of our Common Stock resulting in net proceeds of \$38.1 million. In addition, the Company received \$0.3 million from the proceeds received on option and warrant exercises.

Cash provided by financing activities for the six months ended April 30, 2014 was \$14.8 million, resulting from the public offering of 4,692,000 shares of common stock at \$3.00 per share, resulting in net proceeds of \$12.6 million. In addition, the Company sold 306,122 shares of Common Stock to Aratana at a price of \$4.90 per share, resulting in net proceeds of \$1.5 million. The Company also received \$0.4 million from the sale of common stock under a Stock Purchase Agreement with Global BioPharma (“GBP”) and issued GBP 108,724 shares of common stock.

Our limited capital resources and operations to date have been funded primarily with the proceeds from public, private equity and debt financings, NOL tax sales and income earned on investments and grants. We have sustained losses from operations in each fiscal year since our inception, and we expect losses to continue for the indefinite future, due to the substantial investment in research and development. As of April 30, 2015 and October 31, 2014, we had an accumulated deficit of \$107,880,266 and \$86,991,137, respectively and shareholders’ equity of \$47,370,863 and \$20,629,986, respectively.

The Company believes its current cash position is sufficient to fund its business plan approximately through calendar 2017. We have based this estimate on assumptions that may prove to be wrong, and we could use available capital resources sooner than currently expected. Because of the numerous risks and uncertainties associated with the development and commercialization of its product candidates, we are unable to estimate the amount of increased capital outlays and operating expenses associated with completing the development of our current product candidates.

The Company recognizes it may need to raise additional capital over and above the amount raised during December 2014, February 2015 and May 2015 in order to continue to execute its business plan. There is no assurance that additional financing will be available when needed or that management will be able to obtain financing on terms acceptable to the Company or whether the Company will become profitable and generate positive operating cash flow. If the Company is unable to raise sufficient additional funds, it will have to scale back its business plan, extend payables and reduce overhead until sufficient additional capital is raised to support further operations. There can be no assurance that such a plan will be successful.

### **Off-Balance Sheet Arrangements**

We have not entered into any transactions with unconsolidated entities whereby we have financial guarantees, subordinated retained interests, derivative instruments or other contingent arrangements that expose us to material continuing risks, contingent liabilities, or any other obligations under a variable interest in an unconsolidated entity that provides us with financing, liquidity, market risk or credit risk support, or engages in leasing, hedging, or research and development services on our behalf.

### **Critical Accounting Estimates**

The preparation of financial statements in accordance with GAAP accepted in the U.S. requires management to make estimates and assumptions that affect the reported amounts and related disclosures in the financial statements. Management considers an accounting estimate to be critical if:

it requires assumptions to be made that were uncertain at the time the estimate was made, and

changes in the estimate of difference estimates that could have been selected could have material impact in our results of operations or financial condition.

While we base our estimates and judgments on our experience and on various other factors that we believe to be reasonable under the circumstances, actual results could differ from those estimates and the differences could be material. The most significant estimates impact the following transactions or account balances: stock compensation, warrant valuation, impairment of intangibles, dilution caused by anti-dilution provisions in the warrants and other agreements.

#### *Stock Based Compensation*

We account for stock-based compensation using fair value recognition and record stock-based compensation as a charge to earnings net of the estimated impact of forfeited awards. As such, we recognize stock-based compensation cost only for those stock-based awards that are estimated to ultimately vest over their requisite service period, based on the vesting provisions of the individual grants.

The process of estimating the fair value of stock-based compensation awards and recognizing stock-based compensation cost over their requisite service period involves significant assumptions and judgments. We estimate the fair value of stock option awards on the date of grant using the Black-Scholes option-valuation model for the remaining awards, which requires that we make certain assumptions regarding: (i) the expected volatility in the market price of our Common Stock; (ii) dividend yield; (iii) risk-free interest rates; and (iv) the period of time employees are expected to hold the award prior to exercise (referred to as the expected holding period). As a result, if we revise our assumptions and estimates, our stock-based compensation expense could change materially for future grants.

Stock-based compensation for employees, executives and directors is measured based on the fair value of the shares issued on the date of grant and is to be recognized over the requisite service period in both research and development expenses and general and administrative expenses on the statement of operations.

#### *Fair Value of Financial Instruments*

The carrying amounts of financial instruments, including cash, receivables, accounts payable and accrued expenses approximated fair value, as of the balance sheet date presented, because of the relatively short maturity dates on these instruments. The carrying amounts of the financing arrangements issued approximate fair value, as of the balance sheet date presented, because interest rates on these instruments approximate market interest rates after consideration of stated interest rates, anti-dilution protection and associated warrants. The estimate of fair value of such financial instruments involves the exercise of significant judgment and the use of estimates by management.

#### *Derivative Financial instruments*

We do not use derivative instruments to hedge exposures to cash flow, market or foreign currency risks. We evaluate all of our financial instruments to determine if such instruments are derivatives or contain features that qualify as embedded derivatives. For derivative financial instruments that are accounted for as liabilities, the derivative instrument is initially recorded at its fair value and is then re-valued at each reporting date, with changes in the fair value reported in the statements of operations. The determination of fair value requires the use of judgment and estimates by management. For stock-based derivative financial instruments, we used the Black-Scholes valuation model which approximated the binomial lattice options pricing model to value the derivative instruments at inception and on subsequent valuation dates. The classification of derivative instruments, including whether such instruments should be recorded as liabilities or as equity, is evaluated at the end of each reporting period. Derivative liabilities are classified in the balance sheet as current or non-current based on whether or not net-cash settlement of the instrument could be required within 12 months of the balance sheet date. The variables used in the model are projected based on our historical data, experience, and other factors. Changes in any of these variables could result in material adjustments to the expense recognized for changes in the valuation of the warrant derivative liability.

## **New Accounting Pronouncements**

In January 2015, the FASB issued ASU 2015-01, *Income Statement—Extraordinary and Unusual Items*. The objective of this Update is to simplify the income statement presentation requirements in Subtopic 225-20 by eliminating the concept of extraordinary items. Extraordinary items are events and transactions that are distinguished by their unusual nature and by the infrequency of their occurrence. Eliminating the extraordinary classification simplifies income statement presentation by altogether removing the concept of extraordinary items from consideration. This Accounting Standards Update is the final version of Proposed Accounting Standards Update 2014-220—Income Statement—Extraordinary Items (Subtopic 225-20), which has been deleted. The amendments in this Update are effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2015. This Update is not expected to have a material impact on the Company's financial statements.

Management does not believe that any other recently issued, but not yet effective accounting pronouncements, if adopted, would have a material impact on the accompanying consolidated financial statements.

## **ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

**Not Applicable**

## **ITEM 4. CONTROLS AND PROCEDURES**

### *Evaluation of Disclosure Controls and Procedures*

As of the end of the period covered by this report, we conducted an evaluation, under the supervision and with the participation of our chief executive officer and chief financial officer of our disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) of the Exchange Act). Based upon this evaluation, our chief executive officer and chief financial officer concluded that our disclosure controls and procedures were effective to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is: (1) accumulated and communicated to our management, including our chief executive officer and chief financial officer, as appropriate to allow timely decisions regarding required disclosure; and (2) recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms.

*Changes in Internal Control over Financial Reporting*

During the quarter ended April 30, 2015, there were no changes in our internal control over financial reporting that have materially affected, or are reasonably likely to materially affect our internal control over financial reporting.

*Limitations on Effectiveness of Controls*

Our management, including our Chief Executive Officer and Chief Financial Officer, does not expect that our disclosure controls and procedures or our internal controls over financial reporting will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within our company have been detected.

## **PART II - OTHER INFORMATION**

### **ITEM 1. LEGAL PROCEEDINGS**

The Company is from time to time involved in legal proceedings in the ordinary course of our business. The Company does not believe that any of these claims or proceedings against us is likely to have, individually or in the aggregate, a material adverse effect on the financial condition or results of operations. Refer to Footnote 10: Commitments and Contingencies for more information on legal proceedings.

### **ITEM 1A. RISK FACTORS**

There have been no material changes in our risk factors disclosed in our Annual Report on Form 10-K for the year ended October 31, 2014.

### **ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.**

During the period covered by this report, we have issued unregistered securities to the persons as described below. None of these transactions involved any underwriters, underwriting discounts or commissions, except as specified below, or any public offering, and we claim that each transaction was exempt from the registration requirements of the Securities Act of 1933 by virtue of Section 3(a)(9) or Section 4(2) thereof and/or Regulation D promulgated thereunder. All recipients had adequate access to information about us. We have not furnished information under this item to the extent that such information previously has been included under Item 3.02 in a Current Report on Form 8-K.

On February 9, 2015, the Company issued 37,916 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On February 13, 2015, the Company issued 13,233 shares of Common Stock to a current Executive which represents the initial vesting period of an inducement grant pursuant to his Employment Agreement.

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On February 26, 2015, the Company issued 4,104 shares of Common Stock to accredited investors in consideration for converting notes payable totaling \$33,333.

On February 27, 2015, the Company issued 1,434 shares of Common Stock to management, pursuant to their Employment Agreements.

On March 2, 2015, the Company issued 23,606 shares of Common Stock to accredited investors as payment for consulting services rendered.

On March 20, 2015, the Company issued 30,154 shares of Common Stock as a result of a warrant exercise.

On March 26, 2015, the Company issued 1,566 shares of Common Stock to accredited investors as payment for consulting services rendered.

On March 31, 2015, the Company issued 912 shares of Common Stock to management, pursuant to their Employment Agreements.

On April 1, 2015, the Company issued 60,562 shares of Common Stock to accredited investors as payment for consulting services rendered.

On April 30, 2015, the Company issued 783 shares of Common Stock to management, pursuant to their Employment Agreements.

On May 8, 2015, the Company issued 58,126 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On May 11, 2015, the Company issued 21,250 shares of Common Stock to a current Executive which represents the initial vesting period of an inducement grant pursuant to his Employment Agreement.

On May 21, 2015, the Company issued 689 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On May 29, 2015 the Company issued 584 shares of Common Stock to management, pursuant to their Employment Agreements.

On June 3, 2015, the Company issued 10,000 shares of Common Stock to an accredited investor as payment for consulting services rendered.

On June 3, 2015, the Company issued 8,870 shares of Common Stock to a current Executive which represents the initial vesting period of an inducement grant pursuant to his Employment Agreement.

#### **ITEM 5. OTHER INFORMATION**

None

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**ITEM 6. EXHIBITS.**

- 10.1 Clinical Study Collaboration Agreement between Advaxis, Inc. and Incyte Corporation, dated February 10, 2015. Incorporated by reference to Exhibit 10.1 to Current Report on Form 8-K filed with the SEC on February 12, 2015.
- 10.2‡\* Amendment No. 1, dated as of April 17, 2015, to the Employment Agreement by and between Advaxis, Inc. and David J. Mauro.
- 10.3‡\* Amendment No. 2, dated as of April 17, 2015, to the Employment Agreement by and between Advaxis, Inc. and Sara M. Bonstein.
- 10.4‡\* Amendment No. 3, dated as of April 17, 2015, to the Employment Agreement by and between Advaxis, Inc. and Daniel J. O'Connor.
- 10.5‡\* Amendment No. 3, dated as of April 17, 2015, to the Employment Agreement by and between Advaxis, Inc. and Gregory T. Mayes.
- 10.6‡\* Amendment No. 3, dated as of April 17, 2015, to the Employment Agreement by and between Advaxis, Inc. and Robert G. Petit.
- 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
- 32.1\* Certification of Chief Executive Officer pursuant to section 906 of the Sarbanes-Oxley Act of 2002
- 32.2\* Certification of Chief Financial Officer pursuant to section 906 of the Sarbanes-Oxley Act of 2002
- 101.INS\*\* XBRL INSTANCE DOCUMENT
- 101.SCH\*\* XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT
- 101.CAL\*\* XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT
- 101.DEF\*\* XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT
- 101.LAB\*\* XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT
- 101.PRE\*\* XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT

\* Filed herewith

\*\* Furnished herewith

‡ Denotes management contract or compensatory plan or arrangement.

**SIGNATURES**

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

**ADVAXIS, INC.**

Registrant

Date: June 12, 2015 By: */s/ Daniel J. O'Connor*  
Daniel J. O'Connor  
Chief Executive Officer

By: */s/ Sara M. Bonstein*  
Sara M. Bonstein  
Chief Financial Officer, Senior Vice President

