Advaxis, Inc. Form S-1 July 23, 2010 File No. 333-•

As filed with the Securities and Exchange Commission on July 23, 2010

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

FORM S-1

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

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

Delaware (State or other jurisdiction of incorporation or organization) 2836 (Primary Standard Industrial Classification Code Number) 02-0563870 (I.R.S. Employer Identification No.)

Technology Centre of New Jersey 675 US Highway One North Brunswick, New Jersey 08902 (732) 545-1590

(Address, including zip code, and telephone number, including area code, of registrant's principal executive office)

Mr. Thomas A. Moore Chief Executive Officer Technology Centre of New Jersey 675 US Highway One North Brunswick, New Jersey 08902 (732) 545-1590 (Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Robert H. Cohen, Esq. Greenberg Traurig, LLP The MetLife Building 200 Park Avenue New York, New York 10166 Phone: (212) 801-9200 Fax: (212) 801-6400

Approximate date of commencement of proposed sale to the public. From time to time after this Registration Statement becomes effective, as determined by the selling stockholders named in the prospectus contained herein.

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If any of the Securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, check the following box: x

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act Registration Statement number of the earlier effective Registration Statement for the same offering: "

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, please check the following box and list the Securities Act Registration Statement number of the earlier effective Registration Statement for the same offering: "

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act Registration Statement number of the earlier effective Registration Statement for the same offering: "

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

Large accelerated filer "	Accelerated filer "
Non-accelerated filer " (Do not check if smaller reporting	Smaller reporting
company)	company x

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered(1)	C	ma offer	oposed aximum ring price rr share	0	Proposed maximum aggregate ffering price		Amount of gistration fee
Common Stock, par value								
\$0.001 per share	3,500,000 shares	(2)	\$	0.175(3)	\$	612,500	\$	43.68(3)
Common Stock, par value								
\$0.001 per share	2,818,000 shares	(4)	\$	0.18(5)	\$	507,240	\$	36.17(5)
Common Stock, par value	40,500,000							
\$0.001 per share	shares	(6)	\$	0.25(5)	\$	10,125,500	\$	721.95(5)
	46,818,000							
Total	shares			—		-	-\$	801.80

(1)Pursuant to Rule 416 under the Securities Act of 1933, as amended, this Registration Statement shall be deemed to cover the additional securities (i) to be offered or issued in connection with any provision of any securities purported to be registered hereby to be offered pursuant to terms which provide for a change in the amount of securities being offered or issued to prevent dilution resulting from stock splits, stock dividends or similar transactions and (ii) of the same class as the securities covered by this Registration Statement issued or issuable prior to completion of the distribution of the securities covered by this Registration Statement as a result of a split of, or a stock dividend on, the registered securities.

(2) Represents shares of the registrant's issued and outstanding common stock being registered for resale.
(3)Estimated solely for purposes of calculating the registration fee pursuant to Rule 457(c) of the Securities Act of 1933, as amended, based on the average of the high and low prices of the common stock of the registrant as

reported on the OTC Bulletin Board on July 19, 2010.

(4)

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Represents shares of the registrant's common stock issuable upon exercise of a warrant at an exercise price of \$0.18 per share.

Calculated pursuant to rule 457(g).

(6)Represents shares of the registrant's common stock issuable upon exercise of a warrant at an exercise price of \$0.25 per share.

(5)

The registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with section 8(a) of the Securities Act of 1933 or until the Registration Statement shall become effective on such date as the commission, acting pursuant to section 8(a) may determine.

The information in this prospectus is not complete and may be changed. The selling stockholders may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and it is not soliciting offers to buy these securities, in any state where the offer or sale of these securities is not permitted.

PROSPECTUS, SUBJECT TO COMPLETION, DATED JULY 23, 2010

ADVAXIS, INC.

46,818,000 Shares

Common Stock

This prospectus relates to the resale of up to (i) 3,500,000 shares of our common stock issued to Numoda Capital Innovations, LLC, which we refer to as Numoda Capital, as payment for certain services rendered by one of its affiliates to us, (ii) 2,818,000 shares of our common stock underlying a warrant issued to an affiliate of Optimus Capital Partners, LLC, which we refer to as Optimus, in connection with a tranche closing of our Series A preferred equity financing and (iii) 40,500,000 shares of our common stock underlying a warrant issued to an affiliate of Optimus in our Series B preferred equity financing. The shares covered by this prospectus may be sold by the selling stockholders from time to time in the over-the-counter market or other national securities exchange or automated interdealer quotation system on which our common stock is then listed or quoted, through negotiated transactions at negotiated prices or otherwise at market prices prevailing at the time of sale.

Pursuant to registration rights granted by us to the selling stockholders, we are obligated to register the shares held by Numoda Capital and the shares to be acquired upon exercise of the warrants held by the affiliate of Optimus. The distribution of the shares by the selling stockholders is not subject to any underwriting agreement. We will receive none of the proceeds from the sale of shares by the selling stockholders. The selling stockholders identified in this prospectus will receive the proceeds from the sale of the shares. However, we may receive the proceeds from the exercise of the warrants held by the affiliate of Optimus in certain circumstances. We will bear all expenses of registration incurred in connection with this offering, but all selling and other expenses incurred by the selling stockholders will be borne by them.

Our common stock is quoted on the Over-The-Counter Bulletin Board, or OTC Bulletin Board, under the symbol ADXS.OB. On July 19, 2010, the last reported sale price per share for our common stock as reported by the OTC Bulletin Board was \$0.18.

Investing in our common stock involves a high degree of risk. We urge you to carefully consider the "Risk Factors" beginning on page 6.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of the prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2010.

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ABOUT THIS PROSPECTUS

You should only rely on the information contained in this prospectus. We have not authorized anyone to give any information or make any representation about this offering that differs from, or adds to, the information in this prospectus or in its documents that are publicly filed with the SEC. Therefore, if anyone does give you different or additional information, you should not rely on it. The delivery of this prospectus does not mean that there have not been any changes in our condition since the date of this prospectus. If you are in a jurisdiction where it is unlawful to offer the securities offered by this prospectus, or if you are a person to whom it is unlawful to direct such activities, then the offer presented by this prospectus does not extend to you. This prospectus speaks only as of its date except where it indicates that another date applies.

Market data and certain industry forecasts used in this prospectus were obtained from market research, publicly available information and industry publications. We believe that these sources are generally reliable, but the accuracy and completeness of such information is not guaranteed. We have not independently verified this information, and we do not make any representation as to the accuracy of such information.

In this prospectus, the terms "we", "us", "our" and "our company" refer to Advaxis, Inc., a Delaware corporation, resulting from the reincorporation of our company from Colorado to Delaware described elsewhere in this prospectus (unless the context references such entity prior to the June 20, 2006 reincorporation from Colorado to Delaware, in which case it refers to the Colorado entity).

The name Advaxis is our trademark. Other trademarks and product names appearing in this prospectus are the property of their respective owners.

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PROSPECTUS SUMMARY

This summary highlights some important information from this prospectus, and it may not contain all of the information that is important to you. You should read the following summary together with the more detailed information regarding us and our common stock being sold in this offering, including "Risk Factors" and our financial statements and related notes, included elsewhere in this prospectus.

Our Company

We are a development stage biotechnology company with the intent to develop safe and effective cancer vaccines that utilize multiple mechanisms of immunity. We are developing a live Listeria vaccine technology under license from Penn, which secretes a protein sequence containing a tumor-specific antigen. We believe this vaccine technology is capable of stimulating the body's immune system to process and recognize the antigen as if it were foreign, generating an immune response able to attack the cancer. We believe this to be a broadly enabling platform technology that can be applied to the treatment of many types of cancers, infectious diseases and auto-immune disorders.

The discoveries that underlie this innovative technology are based upon the work of Yvonne Paterson, Ph.D., Professor of Microbiology at Penn. This technology involves the creation of genetically engineered Listeria that stimulate the innate immune system and induce an antigen-specific immune response involving both arms of the adaptive immune system. In addition, this technology supports, among other things, the immune response by altering tumors to make them more susceptible to immune attack, stimulating the development of specific blood cells that underlie a strong therapeutic immune response.

We have focused our initial development efforts upon therapeutic cancer vaccines targeting cervical cancer, its predecessor condition, cervical intraepithelial neoplasia, which we refer to as CIN, head and neck cancer, breast cancer, prostate cancer, and other cancers. Our lead products in development are as follows:

Product	Indication	Stage
ADXS11-001	Cervical Cancer	Phase I Company sponsored & completed in 2007.
	Cervical Intraepithelial Neoplasia	Phase II Company sponsored study; commenced in March 2010 (with patient dosing commencing in June 2010).
	Cervical Cancer	Phase II Company sponsored study anticipated to commence in July-August 2010 in India. 110 Patients with advanced cervical cancer.
	Cervical Cancer	Phase II The Gynecologic Oncology Group of the National Cancer Institute has agreed to conduct a study which we expect will commence in late 2010.
	Head & Neck Cancer	Phase I The Cancer Research UK (CRUK) is funding a study of up to 45 patients at 3 UK facilities that we expect will commence in October 2010.
ADXS31-142	Prostate Cancer	Phase I Company sponsored (timing to be determined).

ADXS31-164 Breast Cancer

Phase I Company sponsored (timing to be determined).

We have sustained losses from operations in each fiscal year since our inception, and we expect these losses to continue for the indefinite future, due to the substantial investment in research and development. As of October 31, 2009 and April 30, 2010, we had an accumulated deficit of \$16,603,800 and \$29,795,519, respectively, and shareholders' deficiency of \$15,733,328 and \$21,962,320, respectively.