Plandai Biotechnology, Inc.
Form S-3
January 21, 2015
As filed with the Securities and Exchange Commission on January 21, 2015

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

FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

PLANDAÍ BIOTECHNOLOGY, INC

(Exact name of registrant as specified in its charter)

Nevada	1451 North 200 East, Suite 130C Logan, UT 98102	**20-1389815**
(State or other jurisdiction of incorporation or organization)	(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)	(I.R.S. Employer Identification Number)

Roger Duffield
Chief Executive Officer
Plandai Biotechnology, Inc.
1451 North 200 East, Suite 130C
Logan, UT 98102
(801) 209-1227

(Name, address, including zip code, and telephone number,
including area code, of agent for service)

Copies to:

Tad Mailander
Mailander Law Office, Inc.
835 5th Avenue, Suite 312-313

San Diego, CA
(619) 239-9034

Approximate date of commencement of proposed sale to the public: From time to time after this registration statement becomes effective.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

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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, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

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, 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 registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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. (Check one):

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

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	**Amount to be Registered (1)**	**Proposed maximum offering price per share (2)**	**Proposed maximum aggregate offering price**	**Amount of registration fee**
Shares of Common Stock, par value $0.0001 per share	--	$0.27	$25,000,000	$ 2,905(3)

(1) This Registration Statement includes $25,000,000 of securities that may be issued by the Registrant from time to time in indeterminate amounts, prices and at indeterminate times. Securities registered hereunder may be sold separately, together, or as units with other securities registered hereunder. Also, pursuant to Rule 416 under the Securities Act, the shares being registered hereunder includes such indeterminate number of shares of common stock as may be issuable with respect to the shares being registered hereunder as a result of stock splits, stock dividends or similar transactions.

(2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o) under the Securities Act of 1933, as amended using the average of the high and low prices as reported on the Over-the-Counter Bulletin Board on January 14, 2015 , which was $0.27 per share.

(3) Paid herewith.

The registrant will hereby amend 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 this

registration statement shall become effective on such date as the Commission acting pursuant to said section 8(a), may determine.

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

SUBJECT TO COMPLETION, DATED January 21, 2015

PROSPECTUS

PLANDAÍ BIOTECHNOLOGY, INC.

$25,000,000
COMMON STOCK

This prospectus relates to the offer and sale of shares of common stock, par value $0.0001, of Plandaí Biotechnology, Inc., a Nevada corporation, having a maximum aggregate offering price of $25,000,000.

These securities may be sold directly by us, through dealers or agents designated from time to time, to or through underwriters or through a combination of these methods. See “Plan of Distribution” in this prospectus. If any agents, underwriters or dealers are involved in the sale of any securities in respect of which this prospectus is being delivered, we will disclose their names and the nature of our arrangements with them in a prospectus supplement. The net proceeds we expect to receive from any such sale will also be included in a prospectus supplement.

We will pay the expenses incurred in registering the shares, including legal and accounting fees. See “Plan of Distribution”.

Our common stock is currently quoted on the OTC Bulletin Board, under the symbol “PLPL.” On January 14, 2015, the last reported sales price per share of our common stock on the OTC Bulletin Board, was $0.27.

An investment in our common stock involves a high degree of risk. See the heading “Risk Factors” commencing on page 4 of this prospectus for a discussion of these risks and in the sections entitled “Risk Factors” in our most recent annual report on Form 10-K and in any quarterly report on Form 10-Q, as well as in any prospectus supplement related to these specific offerings.

We may amend or supplement this prospectus from time to time by filing amendments or supplements as required. You should read the entire prospectus and any amendments or supplements carefully before you make your investment decision.

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

The date of this prospectus is January 21, 2015

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ABOUT THIS PROSPECTUS

This prospectus is part of a Registration Statement filed with the Securities and Exchange Commission ("SEC") using a "shelf" registration process. Under this shelf registration process, we may offer from time to time securities having a maximum aggregate offering price of $25,000,000. Each time we offer securities, we will prepare and file with the SEC a prospectus supplement that describes the specific amounts, prices and terms of the securities we offer. We are a "Smaller Reporting Company" under the SEC Act. The value of the public float in our securities is less than $75 million dollars. Therefore, we are restricted from offering for sale pursuant to this shelf registration, during any twelve-month period, sales that exceed one-third of the value of our public float. The prospectus supplement also may add, update or change information contained in this prospectus or the documents incorporated herein by reference. You should read carefully both this prospectus and any prospectus supplement together with additional information described below under the caption "Where You Can Find More Information."

For further information about us or the securities offered in this prospectus,, please refer to the Section below entitled: "Where You Can Find More Information."

You should rely only on the information contained or incorporated by reference in this prospectus or any prospectus supplement. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. This prospectus is not an offer to sell securities, and it is not soliciting an offer to buy securities, in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus or any prospectus supplement, as well as information we have previously filed with the SEC and incorporated by reference, is accurate as of the date of those documents only. Our business, financial condition, results of operations and prospects may have changed since those dates.

We may sell securities through underwriters or dealers, through agents, directly to purchasers or through any combination of these methods. We and our agents reserve the sole right to accept or reject in whole or in part any proposed purchase of securities. The prospectus supplement, which we will prepare and file with the SEC each time we offer securities, will set forth the names of any underwriters, agents or others involved in the sale of securities, and any applicable fee, commission or discount arrangements with them. See "Plan of Distribution."

In this prospectus, unless otherwise indicated, "our company," "we," "us" or "our" refer to Plandaí Biotechnology, Inc., a Nevada corporation, and its consolidated subsidiaries.

PROSPECTUS SUMMARY

This prospectus summary highlights certain information about our company and other information contained elsewhere in this prospectus or in documents incorporated by reference. This summary does not contain all of the information that you should consider before making an investment decision. You should carefully read the entire prospectus, any prospectus supplement, including the section entitled “Risk Factors” and the documents incorporated by reference into this prospectus, before making an investment decision.

OUR BUSINESS

We are focused on the production of proprietary botanical extracts for the nutriceutical and pharmaceutical industries. We grow much of the live plant material used in our products on an 8,000 acre estate operated under a 49-year notarial lease in the Mpumalanga region of South Africa. We use a proprietary extraction process that is designed to yield highly bioavailable products of pharmaceutical-grade purity. The first product to be brought to market is Phytofare® Catechin Complex, a green-tea derived extract that has multiple potential wellness applications. Our principal holdings consist of land, farms and infrastructure in South Africa. During the fiscal year ended June 30, 2014, we commenced construction of the factory and associated equipment necessary to begin the extraction process on live botanical matter, including green tea and citrus, and we successfully completed the factory in December, 2014. Tea harvesting and extract production have commenced with sales expected to commence in the first quarter 2015.

PRODUCTS AND SERVICES

We have a proprietary technology that extracts a high level of bio-available compounds from live organic matter including green tea leaves and most other organic materials. Various tests have been conducted over the past ten years using this technology that generates functional chemical compounds possessing nutritive properties that act effectively as preventive agents in the healthcare field. Polyphenols from green tea are an excellent source antioxidant and anti-carcinogenic substances. The Company intends to use its plantation leases to focuses on the farming of whole fruits, vegetables and live plant material and the production of botanical extracts for the health and wellness industry using its proprietary extraction technology.

Many botanical extracts have demonstrated varying degrees of health benefits, and many pharmaceutical drugs are either derived directly from plant extracts or are synthetic analogs of phytonutrient molecules. Green tea leaf, for example, has shown promising in-vitro results as an anti-oxidant, with hundreds of different published studies demonstrating its potential usefulness in weight loss, anti-viral, anti-cancer, and anti-parasitic applications, amongst others.

The company is presently developing for market two unique extracts: Phytofare™ Catechin Complex and Phytofare™ Limonoid Glycoside Complex. The catechin complex is derived from green tea harvested locally on the Senteeko Tea Estate in Mpumalanga, South Africa, and then processed on a state-of-the-art extraction facility constructed onsite using funds obtained from the Land and Agriculture Bank of South Africa. The facility became operational in December 2014, with initial sales expected to commence in early 2015. The limonoid glycoside product is extracted

from lemons that are sourced from local plantations in South Africa and then produced in the same factory that makes the green tea product. We expect to introduce The Phytofare™ Limonoid Glycoside Complex to the market in late 2015. The Company has also announced that it is developing an Icariin-based extract derived from a strain of the Epimedium plant, which will be tested for use in treating erectile dysfunction. Testing on the Icariin extract is expected to commence in late 2015 once enough raw material for processing has been cultivated in our nursery.

In August 2013, we entered into a license agreement with North-West University in Potchefstroom, South Africa, which granted us the exclusive world right to use the University's Pheroid® technology in animal and human use. Pheroid® entrapment provides a stable delivery tool for delivering Phytofare® to the target tissues through topical creams, capsules, or an oral liquid. The Pheroid technology entraps nano and sub-micron particles and protects them until absorbed by white blood cells. The process of glycolysis then breaks down the protective coating, releasing the phytonutrients into the tissues. This technology opens up several additional products lines for Plandaí products in the area of skin care, hair care and beverages.

We also commenced several laboratory trials in preparation for releasing product to market. These trials focus on bioavailability, anti-inflammation, topical absorption, weight loss, and malaria. In August 2014 we announced the results of a clinical trial that demonstrated that our Phytofare® catechin complex evidenced ten times greater bioavailability than a generic green tea extract used in comparison. We expect to release product to market in early 2015 under Phytofare® brand name. We have entered into several distribution agreements covering nutriceutical sales in North America, Europe and parts of Africa, with additional markets opening in the coming months.

In late 2013, we announced our intention to commence development of a cannabis extract using the Phytofare™ technology for medicinal purposes. We acquired a license to the name “Diego Pellicer” for use on any eventual cannabis-based product that is brought to market. In September 2014 we received permission from the Ministry of Health in Uruguay to commence a medical research cannabis program that allows us to grow cannabis for research purposes and then conduct in vitro and animal studies. We believe that our proprietary extraction process will enable us to produce a highly bioavailable cannabis extract that incorporates the entire chemical profile without producing psychoactive effects.

CUSTOMERS

We will market to nutriceutical and supplement companies that require high-quality bio-available extracts for their products. As pharmaceutical products clear their human clinical trials and receive market approval from the FDA, Plandaí will enlist distribution companies to sell to various end user outlets.

PRINCIPAL EXECUTIVE OFFICES

Our executive offices are located onsite at the Senteeko Tea Estate that is also used by human resource, accounting, and farm and factory management. We maintain a US-based administrative office at 1451 North 200 East Suite 130C, Logan UT 98102 and our telephone number is 801-209-1227. In addition, we lease approximately 2,500 square feet of office space in White River, Mpumalanga, South Africa where we house management and supporting administrative personnel for the South Africa operations. These offices are leased on a month-to-month basis.

RISK FACTORS

An investment in our company involves a high degree of risk. In addition to the other information included in this prospectus, you should carefully consider the following risk factors described in this prospectus and the risk factors that may be described in any applicable prospectus supplement and the documents incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under the heading "Risk Factors" included in our most recent Annual Report on Form 10-K, as revised or supplemented by our most recent Quarterly Report on Form 10-Q, each of which are on file with the SEC and are incorporated herein by reference, and which may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future. You should consider these matters in conjunction with the other information included or incorporated by reference in this prospectus. The risks and uncertainties described in this prospectus, any applicable prospectus supplement and the documents incorporated by reference herein are not the only ones facing us. Additional risks and uncertainties that we do not presently know about or that we currently believe are not material may also adversely affect our business. Our business, results of operations or financial condition could be seriously harmed, and the trading price of our common stock may decline due to any of these or other risks.

This prospectus contains statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements appear in a number of places in this prospectus and include statements regarding the intent, belief or current expectations of our management, directors or officers primarily with respect to our future operating performance. Prospective purchasers of our securities are cautioned that these forward-looking statements are not guarantees of future performance and involve risks and uncertainties. Actual results may differ materially from those in the forward-looking statements due to various factors. The accompanying information contained in this prospectus, including the information set forth below, identifies important factors that could cause these differences. See "Special Note Regarding Forward-Looking Statements" on page 12.

Risks Relating to This Offering

The sale or issuance of our common stock under this offering may cause dilution and the sale of the shares of common stock, or the perception that such sales may occur, could cause the price of our common stock to fall.

We generally have the right to control the timing and amount of any sales of our shares of common stock under this offering. Sales of our common stock will depend upon market conditions and other factors to be determined by us. Any purchasers of such shares may then resell all, some or none of those shares. Therefore, sales by us could result in substantial dilution to the interests of other holders of our common stock. Additionally, the sale of a substantial number of shares of our common stock, or the anticipation of such sales, could make it more difficult for us to sell equity or equity-related securities in the future at a time and at a price that we might otherwise wish to effect sales.

Risks Relating to Our Financial Position and Results of Operations

We Have Historically Lost Money and Losses May Continue in the Future

No assurances can be given we will be successful in reaching or maintaining profitable operations.

We have a history of operating losses and expect to incur losses for the foreseeable future. We may never generate revenues or, if we are able to generate revenues, achieve profitability.

We have historically lost money. The loss for the fiscal year June 30, 2014 was $(15,533,819), and for the three months ended September 30, 2014 was $(610,956), and future losses are likely to occur. We are focused on product development, and we have not generated any revenues to date. We have incurred losses in each year of our operations, and we expect to continue to incur operating losses for the foreseeable future. These operating losses have adversely affected and are likely to continue to adversely affect our working capital, total assets and shareholders' equity.

The Company and its prospects should be examined in light of the risks and difficulties frequently encountered by new and early stage companies in new and rapidly evolving markets. These risks include, among other things, the speed at which we can scale up operations, our complete dependence upon development of products that currently have no market acceptance, our ability to establish and expand our brand name, our ability to expand our operations to meet the commercial demand of our clients, our development of and reliance on strategic and customer relationships and our ability to minimize fraud and other security risks.

The process of developing our products requires significant clinical, development and laboratory testing and clinical trials. In addition, commercialization of our product candidates will require that we obtain necessary regulatory approvals and establish sales, marketing and manufacturing capabilities, either through internal hiring or through contractual relationships with others. We expect to incur substantial losses for the foreseeable future as a result of anticipated increases in our research and development costs, including costs associated with conducting preclinical testing and clinical trials, and regulatory compliance activities.

Our ability to generate revenues and achieve profitability will depend on numerous factors, including success in:

- developing and testing product candidates;
- receiving regulatory approvals;
- commercializing our products;
- establishing a favorable competitive position.

Many of these factors will depend on circumstances beyond our control. We cannot assure you that we will ever have a product that we will bring to market or, if we are successful in doing so, that we will ever become profitable.

We expect to incur substantial additional operating expenses over the next several years as our research, development, pre-clinical testing, and clinical trial activities increase. The amount of future losses and when, if ever, we will achieve profitability are uncertain. We have no products that have generated any commercial revenue, and although our extraction plant was commissioned in December 2014, we do not expect to generate revenues from the commercial sale of products in the near future, and might never generate revenues from the sale of products. Our ability to

generate revenue and achieve profitability will depend on, among other things, successful completion of the development of our product candidates; the successful testing of our product in both in *in vitro* and *in vivo* trials; establishing manufacturing, sales, and marketing arrangements with third parties; and raising sufficient funds to finance our activities. We might not succeed at any of these undertakings. If we are unsuccessful at some or all of these undertakings, our business, prospects, and results of operations may be materially adversely affected.

We need additional capital. If additional capital is not available or is available at unattractive terms, we may be forced to delay, reduce the scope of or eliminate our research and development programs, reduce our commercialization efforts or curtail our operations.

Our operations have relied almost entirely on external financing. Such financing has historically come from a combination of borrowings and from the sale of common stock and assets to third parties. We will need to raise additional capital to fund our anticipated operating expenses and future expansion. Among other things, external financing will be required to cover our operating costs. We cannot assure you that financing, whether from external sources or related parties, will be available if needed, or on favorable terms. The sale of our common stock to raise capital may cause dilution to our existing shareholders. Accordingly, we may experience significant liquidity and cash flow problems if we are not able to raise additional capital as needed and on acceptable terms. Our inability to obtain adequate financing may result in the need to curtail business operations. Any of these events would be materially harmful to our business and may result in a lower stock price.

In order to develop and bring our product candidates to market, we must commit substantial resources to costly and time-consuming production development, research, clinical trials and marketing activities. We anticipate that our existing cash and cash equivalents will enable us to maintain our current operations for at least the next six months. We anticipate using our cash and cash equivalents to fund further research and development with respect to our lead product candidates. We may, however, need to raise additional funding sooner if our business or operations change in a manner that consumes available resources more rapidly than we anticipate. Our requirements for additional capital will depend on many factors, including:

- successful commercialization of our product candidates;

- the time and costs involved in obtaining regulatory approval for our product candidates;
- costs associated with protecting our intellectual property rights;
- development of marketing and sales capabilities;
- payments received under future collaborative agreements, if any; and
- market acceptance of our products.

To the extent we raise additional capital through the sale of equity securities, the issuance of those securities could result in dilution to our shareholders. In addition, if we obtain debt financing, a substantial portion of our operating cash flow may be dedicated to the payment of principal and interest on such indebtedness, thus limiting funds available for our business activities. If adequate funds are not available, we may be required to delay, reduce the scope of or eliminate our research and development programs, reduce our commercialization efforts or curtail our operations. In addition, we may be required to obtain funds through arrangements with collaborative partners or others that may require us to relinquish rights to technologies, product candidates or products that we would otherwise seek to develop or commercialize ourselves or license rights to technologies, product candidates or products on terms that are less favorable to us than might otherwise be available.

The Company will require substantial additional funds to support its research and development activities and eventual commercialization. Such additional sources of financing may not be available on favorable terms, if at all. If we do not succeed in raising additional funds on acceptable terms, we could be forced to discontinue product development, forego sales and marketing efforts and forego attractive business opportunities. Any additional sources of financing will likely involve the issuance of our equity securities, which will have a dilutive effect on our stockholders.

There is no assurance that we will be successful in raising the additional funds needed to fund our business plan. If we are not able to raise sufficient capital in the near future, our continued operations will be in jeopardy and we may be forced to cease operations and sell or otherwise transfer all or substantially all of our remaining assets.

There is Substantial Doubt About Our Ability to Continue as a Going Concern Due to Recurring Losses and Working Capital Shortages, Which Means that We May Not Be Able to Continue Operations Unless We Obtain Additional Funding

In their report included in our Annual Report on Form 10-K for the fiscal year ended June 30, 2014, our independent registered public accounting firm expressed substantial doubt about our ability to continue as a going concern as we have incurred losses since inception of the development stage, have a negative cash flow from operations and have working capital and stockholders' deficiencies.

We have experienced recurring operating losses and we currently have a working capital deficiency. There is a possibility that our revenues will not be sufficient to meet our operating costs. To date our liabilities have greatly exceeded our current assets. There is a substantial doubt that we can continue as a going concern.

Our ability to continue as a going concern is subject to our ability to generate a profit and/or obtain necessary funding from outside sources, including obtaining additional funding from the sale of our securities, increasing sales or obtaining loans and grants from various financial institutions where possible. Our continued net operating losses increase the difficulty in meeting such goals and there can be no assurances that such methods will prove successful. Our operating and capital requirements during the next fiscal year and thereafter will vary based on a number of factors, including the level of sales and marketing activities for our services and products. There can be no assurance that additional private or public finances, including debt or equity financing, will be available as needed or, if available, on terms favorable to us. Any additional equity financing may be dilutive to stockholders and such additional equity securities may have rights, preferences or privileges that are senior to those of our existing common stock.

Furthermore, debt financing, if available, will require payment of interest and may involve restrictive covenants that could impose limitations on our operating flexibility. Our failure to successfully obtain additional future funding may jeopardize our ability to continue our business and operations.

RISKS RELATED TO OUR BUSINESS

Successful development of our products is uncertain.

Our development of current and future product candidates is subject to the risks of failure and delay inherent in the development of new biotech products, including: delays in product development, clinical testing, or manufacturing; unplanned expenditures in product development, clinical testing, or manufacturing; failure to receive regulatory approvals; emergence of superior or equivalent products; inability to manufacture on its own, or through any others, product candidates on a commercial scale; and failure to achieve market acceptance.

Because of these risks, our research and development efforts may not result in any commercially viable products. If a significant portion of these development efforts are not successfully completed, required regulatory approvals are not obtained or any approved products are not commercially successfully, our business, financial condition, and results of operations may be materially harmed.

If testing or clinical trials for our product candidates are unsuccessful or delayed, we will be unable to meet our anticipated development and commercialization timelines.

We rely and expect to continue to rely on third parties, including clinical research organizations and outside consultants, to conduct, supervise or monitor some or all aspects of testing or clinical trials involving our product candidates. We have less control over the timing and other aspects of testing or clinical trials than if we performed the monitoring and supervision entirely on our own. Third parties may not perform their responsibilities for our testing or clinical trials on our anticipated schedule or, for clinical trials, consistent with a clinical trial protocol. Delays in preclinical and clinical testing could significantly increase our product development costs and delay product commercialization. In addition, many of the factors that may cause, or lead to, a delay in the clinical trials may also ultimately lead to denial of regulatory approval of a product candidate.

The commencement of clinical trials can be delayed for a variety of reasons, including delays in:

- demonstrating sufficient safety and efficacy to obtain regulatory approval to commence a clinical trial;
- reaching agreement on acceptable terms with prospective contract research organizations and trial sites;
- manufacturing sufficient quantities of a product candidate; and
- obtaining institutional review board approval to conduct a clinical trial at a prospective site.

Once a clinical trial has begun, it may be delayed, suspended or terminated due to a number of factors, including:

- ongoing discussions with the FDA or other regulatory authorities regarding the scope or design of our clinical trials;
- failure to conduct clinical trials in accordance with regulatory requirements;
- lower than anticipated recruitment or retention rate of patients in clinical trials;
- lack of adequate funding to continue clinical trials; or
- negative results of clinical trials

If clinical trials are unsuccessful, and we are not able to obtain regulatory approvals for our product candidates under development, we will not be able to commercialize these products, and therefore may not be able to generate sufficient revenues to support our business.

We do not have, and may never obtain, the regulatory approvals we need to market our product candidates.

Following completion of clinical trials, the results are evaluated and, depending on the outcome, may be submitted to the FDA in the form of an NDA in order to obtain approval to commence commercial marketing using the desired claims. While FDA approval will not be required to sell our products, in order to make certain health-related claims, FDA approval may be required. In responding to an NDA, the FDA may require additional testing or information, may require that the product labeling be modified, may impose post-approval study or reporting requirements or other restrictions on product distribution, or may deny the application. The FDA has established performance goals for review of NDAs - six months for priority applications and ten months for standard applications. However, the FDA is not required to complete its review within these time periods. The timing of final FDA review and action varies greatly, but can take years in some case and may involve the input of an FDA advisory committee of outside experts. Product sales in the United States may commence only when an NDA is approved.

To date, we have not applied for or received the regulatory approvals required for the commercial sale of any of our products in the United States or in any foreign jurisdiction. None of our product candidates has been determined to be safe and effective, and we have not submitted an NDA to the FDA or an equivalent application to any foreign regulatory authorities for any of our product candidates.

It is possible that none of our product candidates will be approved for marketing. Failure to obtain regulatory approvals, or delays in obtaining regulatory approvals, may adversely affect the successful commercialization of any products we develop, may impose additional costs on us or our collaborators, may diminish any competitive advantages that we or our partners may attain, and/or may adversely affect our receipt of revenues or royalties.

Even if we obtain regulatory approval to market our product candidates, our product candidates may not be accepted by the market.

Even if we receive regulatory approval to market one or more of our product candidates, consumers may not accept it or use it. Acceptance and use of our products will depend upon a number of factors including: perceptions by members of the health care community, including physicians, about the safety and effectiveness of our products; cost-effectiveness of our product relative to competing products; and effectiveness of marketing and distribution efforts by us and our licensees and distributors, if any.

We face intense competition in the markets targeted by our lead product candidates. Many of our competitors have substantially greater resources than we do, and we expect that all of our product candidates under development will face intense competition from existing or future drugs.

We expect that all of our product candidates under development will face intense competition from existing and future products marketed by large companies. These competitors may successfully market products that compete with our products, successfully identify and develop products earlier than we do, or develop products that are more effective or cost less than our products.

These competitive factors could require us to conduct substantial new research and development activities to establish new product targets, which would be costly and time consuming. These activities would adversely affect our ability to commercialize products and achieve revenue and profits.

Competition and technological change may make our product candidates and technologies less attractive or obsolete.

We compete with established pharmaceutical and food additive companies that are pursuing other products for the same indications we are pursuing and that have greater financial and other resources. Other companies may succeed in developing products earlier than us, or developing products that are more effective than our product candidates. Research and development by others may render our technology or product candidates obsolete or noncompetitive, or result in treatments or cures superior to any product we develop. We face competition from companies that internally develop competing technology or acquire competing technology from universities and other research institutions. As these companies develop their technologies, they may develop competitive positions that may prevent, make futile, or limit our product commercialization efforts, which would result in a decrease in the revenue we would be able to derive from the sale of any products.

There can be no assurance that any of our product candidates will be accepted by the marketplace as readily as these or other competing treatments. Even if our products are successfully developed and approved for use by all governing regulatory bodies, there can be no assurance that 3rd party manufacturers and consumers will prefer our products to those already in the market.

Furthermore, the nutraceutical industry is diverse, complex, and rapidly changing. By its nature, the business risks associated therewith are numerous and significant. The effects of competition, intellectual property disputes, and market acceptance preclude us from forecasting revenues or income with certainty or even confidence.

If we fail to protect our intellectual property rights, our ability to pursue the development of our technologies and products would be negatively affected.

Our success will depend in part on our ability to obtain patents and maintain adequate protection of our technologies and products. If we do not adequately protect our intellectual property, competitors may be able to use our technologies to produce and market drugs in direct competition with us and erode our competitive advantage. Some foreign countries lack rules and methods for defending intellectual property rights and do not protect proprietary rights to the same extent as the United States. Many companies have had difficulty protecting their proprietary rights in these foreign countries. We may not be able to prevent misappropriation of our proprietary rights.

We are currently seeking patent protection for numerous processes and finished products. However, the patent process is subject to numerous risks and uncertainties, and there can be no assurance that we will be successful in protecting our products by obtaining and defending patents. These risks and uncertainties include the following: patents that may be issued or licensed may be challenged, invalidated, or circumvented, or otherwise may not provide any competitive advantage; our competitors, many of which have substantially greater resources than us and many of which have made significant investments in competing technologies, may seek, or may already have obtained, patents that will limit, interfere with, or eliminate our ability to make, use, and sell our potential products either in the United States or in international markets; there may be significant pressure on the United States government and other international governmental bodies to limit the scope of patent protection both inside and outside the United States for treatments that prove successful as a matter of public policy regarding worldwide health concerns; countries other than the United States may have less restrictive patent laws than those upheld by United States courts, allowing foreign competitors the ability to exploit these laws to create, develop, and market competing products.

Moreover, any patents issued to us may not provide us with meaningful protection, or others may challenge, circumvent or narrow our patents. Third parties may also independently develop products similar to our products, duplicate our unpatented products or design around any patents on products we develop. Additionally, extensive time is required for development, testing and regulatory review of a potential product. While extensions of patent term due to regulatory delays may be available, it is possible that, before any of our product candidates can be commercialized, any related patent, even with an extension, may expire or remain in force for only a short period following commercialization, thereby reducing any advantages of the patent.

In addition, the United States Patent and Trademark Office (the "PTO") and patent offices in other jurisdictions have often required that patent applications concerning biotechnology-related inventions be limited or narrowed substantially to cover only the specific innovations exemplified in the patent application, thereby limiting the scope of protection against competitive challenges. Thus, even if we or our licensors are able to obtain patents, the patents may be substantially narrower than anticipated.

Our success depends on patent applications that are licensed exclusively to us and other patents to which we may obtain assignment or licenses. We may not be aware, however, of all patents, published applications or published literature that may affect our business either by blocking our ability to commercialize our product candidates, by preventing the patentability of our product candidates to us or our licensors, or by covering the same or similar technologies that may invalidate our patents, limit the scope of our future patent claims or adversely affect our ability to market our product candidates.

In addition to patents, we rely on a combination of trade secrets, confidentiality, nondisclosure and other contractual provisions, and security measures to protect our confidential and proprietary information. These measures may not adequately protect our trade secrets or other proprietary information. If they do not adequately protect our rights, third parties could use our technology, and we could lose any competitive advantage we may have. In addition, others may independently develop similar proprietary information or techniques or otherwise gain access to our trade secrets, which could impair any competitive advantage we may have.

Patent protection and other intellectual property protection is crucial to the success of our business and prospects, and there is a substantial risk that such protections will prove inadequate.

If we fail to establish marketing, sales and distribution capabilities, or fail to enter into arrangements with third parties, we will not be able to create a market for our product candidates.

Our strategy with our lead product candidates is to control, directly or through contracted third parties, all or most aspects of the product development process, including marketing, sales and distribution. Currently, we do not have any sales, marketing or distribution capabilities. In order to generate sales of any product candidates that receive regulatory approval, we must either acquire or develop an internal marketing and sales force with technical expertise and with supporting distribution capabilities or make arrangements with third parties to perform these services for us. The acquisition or development of a sales and distribution infrastructure would require substantial resources, which may divert the attention of our management and key personnel and defer our product development efforts. To the extent that we enter into marketing and sales arrangements with other companies, our revenues will depend on the efforts of others. These efforts may not be successful. If we fail to develop sales, marketing and distribution channels, or enter into arrangements with third parties, we will experience delays in product sales and incur increased costs.

The establishment of a marketing, sales, and distribution capability would significantly increase our costs, possibly requiring substantial additional capital. In addition, there is intense competition for proficient sales and marketing personnel, and we may not be able to attract individuals who have the qualifications necessary to market, sell, and distribute our products. There can be no assurance that we will be able to establish internal marketing, sales, or distribution capabilities. If we are unable to, or choose not to establish these capabilities, or if the capabilities we establish are not sufficient to meet our needs, we will be required to establish collaborative marketing, sales, or distribution relationships with third parties.

Data provided by collaborators and others upon which we rely that has not been independently verified could turn out to be false, misleading, or incomplete.

We rely on third-party vendors, scientists, and collaborators to provide us with significant data and other information related to our projects, clinical trials, and our business. If such third parties provide inaccurate, misleading, or incomplete data, our business, prospects, and results of operations could be materially adversely affected.

We face the risk of product liability claims and may not be able to obtain insurance.

Our business exposes us to the risk of product liability claims that are inherent in the development of consumer products. If the use of one of our products harms people, we may be subject to costly and damaging product liability

claims brought against us by clinical trial participants, consumers, or others selling our products. Our inability to obtain sufficient product liability insurance at an acceptable cost to protect against potential product liability claims could prevent or inhibit the commercialization of products we develop, alone or with collaborators. We currently do not carry clinical trial insurance or product liability insurance. We intend to obtain such insurance in the future. We cannot predict all of the possible harms or side effects that may result and, therefore, the amount of insurance coverage we hold now or in the future may not be adequate to cover all liabilities we might incur. If we are unable to obtain insurance at an acceptable cost or otherwise protect against potential product liability claims, we will be exposed to significant liabilities, which may materially and adversely affect our business and financial position. If we are sued for any injury allegedly caused by our or our collaborators' products, our liability could exceed our total assets and our ability to pay the liability. A product liability claim or series of claims brought against us would decrease our cash and could cause our stock price to fall.

If we are unable to hire additional qualified personnel, our ability to grow our business may be harmed.

Over time we will need to hire additional qualified personnel with expertise in clinical testing, clinical research and testing, government regulation, formulation and manufacturing, financial matters and sales and marketing. We compete for qualified individuals with numerous biopharmaceutical companies, universities and other research institutions. Competition for such individuals is intense, and we cannot be certain that our search for such personnel will be successful. Attracting and retaining qualified personnel will be critical to our success.

We Could Fail to Retain or Attract Key Personnel

Our future success depends in significant part on the continued services of Roger Duffield, our President. We cannot assure we would be able to find an appropriate replacement for key personnel. Any loss or interruption of our key personnel's services could adversely affect our ability to develop our business plan.

Our Business Can be Effected by Unusual Weather Patterns

Our production process relies on the use of live plant material, which is either grown on our estate in South Africa or brought in from neighboring estates. Generally, the tea-growing season in South Africa runs from October through June, with the months July through September being a dormant period. The growing period can be impacted by weather patterns with months of low rainfall effecting tea production, which in turn impacts our ability to produce extract. In addition, severe weather, including drought and hail, can destroy a crop, which could result in our having no tea to process for several weeks. If we are unable to harvest tea, we cannot product extract, which will impact our ability to meet customer demand, generate sales, and maintain operations, We do not presently have insurance against any loss of operations due to weather.

RISKS RELATED TO OUR COMMON STOCK

Our Common Stock May Be Affected By Limited Trading Volume and May Fluctuate Significantly

There has been a limited public market for our common stock and there can be no assurance that an active trading market for our common stock will develop. As a result, this could adversely affect our shareholders' ability to sell our common stock in short time periods, or possibly at all. Our common stock has experienced, and is likely to experience in the future, significant price and volume fluctuations that could adversely affect the market price of our common stock without regard to our operating performance. In addition, we believe that factors such as quarterly fluctuations in our financial results and changes in the overall economy or the condition of the financial markets could cause the price of our common stock to fluctuate substantially. Substantial fluctuations in our stock price could significantly reduce the price of our stock.

There is no Assurance of Continued Public Trading Market and Being a Low Priced Security may Affect the Market Value of Our Stock

To date, there has been only a limited public market for our common stock. Our common stock is currently quoted on the OTCBB. As a result, an investor may find it difficult to dispose of, or to obtain accurate quotations as to the market value of our stock. Our stock is subject to the low-priced security or so called "penny stock" rules that impose additional sales practice requirements on broker-dealers who sell such securities. The Securities Enforcement and Penny Stock Reform Act of 1990 requires additional disclosure in connection with any trades involving a stock defined as a penny stock (generally, according to recent regulations adopted by the SEC, any equity security that has a market price of less than $5.00 per share, subject to certain exceptions that we no longer meet). For example, brokers/dealers selling such securities must, prior to effecting the transaction, provide their customers with a document that discloses the risks of investing in such securities. Included in this document are the following:

- the bid and offer price quotes in and for the "penny stock," and the number of shares to which the quoted prices apply,

- the brokerage firm's compensation for the trade, and

- the compensation received by the brokerage firm's sales person for the trade.

In addition, the brokerage firm must send the investor:

- a monthly account statement that gives an estimate of the value of each "penny stock" in the investor's account, and

- a written statement of the investor's financial situation and investment goals.

If the person purchasing the securities is someone other than an accredited investor or an established customer of the broker/dealer, the broker/dealer must also approve the potential customer's account by obtaining information concerning the customer's financial situation, investment experience and investment objectives. The broker/dealer must also make a determination whether the transaction is suitable for the customer and whether the customer has sufficient knowledge and experience in financial matters to be reasonably expected to be capable of evaluating the risk of transactions in such securities. Accordingly, the Commission's rules may limit the number of potential purchasers of the shares of our common stock.

Resale restrictions on transferring "penny stocks" are sometimes imposed by some states, which may make transaction in our stock more difficult and may reduce the value of the investment. Various state securities laws pose restrictions on transferring "penny stocks" and as a result, investors in our common stock may have the ability to sell their shares of our common stock impaired.

There can be no assurance we will have market makers in our stock. If the number of market makers in our stock should decline, the liquidity of our common stock could be impaired, not only in the number of shares of common stock which could be bought and sold, but also through possible delays in the timing of transactions, and lower prices for the common stock than might otherwise prevail. Furthermore, the lack of market makers could result in persons being unable to buy or sell shares of the common stock on any secondary market.

We do not intend to pay cash dividends on our common stock in the foreseeable future.

Any payment of cash dividends will depend upon our financial condition, results of operations, capital requirements and other factors and will be at the discretion of our board of directors. We do not anticipate paying cash dividends on our common stock in the foreseeable future. Furthermore, we may incur additional indebtedness that may severely restrict or prohibit the payment of dividends.

Our common stock is subject to “penny stock” regulations and restrictions on initial and secondary broker-dealer sales.

The SEC has adopted regulations which generally define “penny stock” to be any listed, trading equity security that has a market price less than $5.00 per share or an exercise price of less than $5.00 per share, subject to certain exemptions. Penny stocks are subject to certain additional oversight and regulatory requirements. Brokers and dealers affecting transactions in our common stock in many circumstances must obtain the written consent of a customer prior to purchasing our common stock, must obtain information from the customer and must provide disclosures to the customer. These requirements may restrict the ability of broker-dealers to sell our common stock and may affect your ability to sell your shares of our common stock in the secondary market.

As an issuer of “penny stock,” the protection provided by the federal securities laws relating to forward looking statements does not apply to us.

Although federal securities laws provide a safe harbor for forward-looking statements made by a public company that files reports under the federal securities laws, this safe harbor is not available to issuers of penny stocks. As a result, the Company will not have the benefit of this safe harbor protection in the event of any legal action based upon a claim that the material provided by the Company contained a material misstatement of fact or was misleading in any material respect because of the Company’s failure to include any statements necessary to make the statements not

misleading. Such an action could hurt our financial condition.

Nevada Law and Our Charter May Inhibit a Takeover of Our Company That Stockholders May Consider Favorable

Provisions of Nevada law, such as its business combination statute, may have the effect of delaying, deferring or preventing a change in control of our company. As a result, these provisions could limit the price some investors might be willing to pay in the future for shares of our common stock.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

Statements in this prospectus and in the documents incorporated by reference in this prospectus contain forward-looking statements that involve risks and uncertainties. We use words such as “may,” “assumes,” “forecasts,” “positions,” “predicts,” “strategy,” “will,” “expects,” “estimates,” “anticipates,” “believes,” “projects,” “intends,” “plans,” “bud “continue” and variations thereof, and other statements contained in this prospectus, regarding matters that are not historical facts and are forward-looking statements. Because these statements involve risks and uncertainties, as well as certain assumptions, actual results may differ materially from those expressed or implied by such forward-looking statements. Factors that could cause actual results to differ materially include, but are not limited to those risks identified under “Risk Factors” and from time to time in our other filings with the SEC. The information in this prospectus or any prospectus supplement speaks only as of the date of that document and the information incorporated herein by reference speaks only as of the date of the document incorporated by reference. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

Forward-looking statements include our plans and objectives for future operations, including plans and objectives relating to our products and our future economic performance. Assumptions relating to the foregoing involve judgments with respect to, among other things, future economic, competitive and market conditions, future business decisions, and the time and money required to successfully complete development and commercialization of our technologies, all of which are difficult or impossible to predict accurately and many of which are beyond our control. Although we believe that the assumptions underlying the forward-looking statements contained herein are reasonable, any of those assumptions could prove inaccurate and, therefore, we cannot assure you that the results contemplated in any of the forward-looking statements contained herein will be realized. Based on the significant uncertainties inherent in the forward-looking statements included herein, the inclusion of any such statement should not be regarded as a representation by us or any other person that our objectives or plans will be achieved.

USE OF PROCEEDS

Except as otherwise provided in the applicable prospectus supplement, we intend to use the net proceeds from the sale of the securities covered by this prospectus for general corporate purposes, which may include, but is not limited to, working capital, capital expenditures, research and development expenditures and acquisitions of new technologies or businesses. The precise amount, use and timing of the application of such proceeds will depend upon our funding requirements and the availability and cost of other capital. Additional information on the use of net proceeds from an offering of securities covered by this prospectus may be set forth in the prospectus supplement relating to the specific offering.

RATIO OF EARNINGS TO FIXED CHARGES

Not applicable to smaller reporting companies.

DESCRIPTION OF THE SECURITIES WE MAY OFFER

The description of the securities contained in this prospectus, together with any applicable prospectus supplement, summarize all the material terms and provisions of the various types of securities that we may offer. We will describe in the applicable prospectus supplement relating to a particular offering the specific terms of the securities offered by that prospectus supplement. We will indicate in the applicable prospectus supplement if the terms of the securities differ from the terms we have summarized below. We will also include in the prospectus supplement information, where applicable, material United States federal income tax considerations relating to the securities.

This prospectus may not be used to consummate a sale of securities unless it is accompanied by a prospectus supplement.

CAPITAL STOCK

General

The following description of common stock, together with the additional information we include in any applicable prospectus supplement, summarizes the material terms and provisions of the common stock that we may offer under this prospectus but is not complete. For the complete terms of our common stock, please refer to our articles of incorporation, as may be amended from time to time, and our bylaws, as amended from time to time. The Nevada Revised Statutes may also affect the terms of these securities. While the terms we have summarized below will apply generally to any future common stock that we may offer, we will describe the specific terms of any series of these securities in more detail in the applicable prospectus supplement. If we so indicate in a prospectus supplement, the terms of any common stock we offer under that prospectus supplement may differ from the terms we describe below.

As of November 1, 2014 our authorized capital stock consists of 500,000,000 shares of common stock, par value $0.0001 per share, of which 134,414,536 shares were issued and outstanding as of November 1, 2014 The authorized and unissued shares of common stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange on which our securities may be listed. Unless approval of our stockholders is so required, our board of directors will not seek stockholder approval for the issuance and sale of our common stock.

Common Stock

Each shareholder of our common stock is entitled to one vote for each share issued and outstanding held on all matters to be voted upon by the shareholders. Our shares of common stock have no preemptive, conversion, or redemption rights. Upon the sale of substantially all of our stock or assets in a non-public transaction or dissolution, liquidation or winding up, and after all liquidation preferences payable to any series of preferred stock entitled thereto have been satisfied, our remaining assets shall be distributed to all holders of common stock and any similarly situated stockholders who are not entitled to any liquidation preference or, if there be an insufficient amount to pay all such stockholders, then ratably among such holders. All of our issued and outstanding shares of common stock are fully paid and non-assessable. Our articles of incorporation do not provide for cumulative voting in the election of directors. The holders of shares of our common stock will be entitled to such cash dividends as may be declared from time to time by our board of directors from funds available therefor.

Our common stock is listed on the OTCQB under the symbol “PLPL.” The transfer agent and registrar for our common stock is Signature Stock Transfer, Inc.

Options/Warrants

As of as of December 4, 2014 we had 3,333,334 warrants outstanding to purchase 3,333,334 shares of our common stock at a purchase price of $0.01 per share.

PLAN OF DISTRIBUTION

We may sell the securities being offered pursuant to this prospectus to or through underwriters, through dealers, through agents, or directly to one or more purchasers or through a combination of these methods. The applicable prospectus supplement will describe the terms of the offering of the securities, including:

· the name or names of any underwriters, if, and if required, any dealers or agents;

· the purchase price of the securities and the proceeds we will receive from the sale;

· any underwriting discounts and other items constituting underwriters' compensation;

· any discounts or concessions allowed or re-allowed or paid to dealers; and

· any securities exchange or market on which the securities may be listed or traded.

We may distribute the securities from time to time in one or more transactions at:

· a fixed price or prices, which may be changed;

· market prices prevailing at the time of sale;

· prices related to such prevailing market prices; or

· negotiated prices.

Only underwriters named in the prospectus supplement are underwriters of the securities offered by the prospectus supplement.

If underwriters are used in an offering, we will execute an underwriting agreement with such underwriters and will specify the name of each underwriter and the terms of the transaction (including any underwriting discounts and other terms constituting compensation of the underwriters and any dealers) in a prospectus supplement. The securities may be offered to the public either through underwriting syndicates represented by managing underwriters or directly by

one or more investment banking firms or others, as designated. If an underwriting syndicate is used, the managing underwriter(s) will be specified on the cover of the prospectus supplement. If underwriters are used in the sale, the offered securities will be acquired by the underwriters for their own accounts and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Any public offering price and any discounts or concessions allowed or re-allowed or paid to dealers may be changed from time to time. Unless otherwise set forth in the prospectus supplement, the obligations of the underwriters to purchase the offered securities will be subject to conditions precedent, and the underwriters will be obligated to purchase all of the offered securities, if any are purchased.

We may grant to the underwriters options to purchase additional securities to cover over-allotments, if any, at the public offering price, with additional underwriting commissions or discounts, as may be set forth in a related prospectus supplement. The terms of any over-allotment option will be set forth in the prospectus supplement for those securities.

If we use a dealer in the sale of the securities being offered pursuant to this prospectus or any prospectus supplement, we will sell the securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale. The names of the dealers and the terms of the transaction will be specified in a prospectus supplement.

We may sell the securities directly or through agents we designate from time to time. We will name any agent involved in the offering and sale of securities and we will describe any commissions we will pay the agent in the prospectus supplement.

We may authorize agents or underwriters to solicit offers by institutional investors to purchase securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we must pay for solicitation of these contracts in the prospectus supplement.

In connection with the sale of the securities, underwriters, dealers or agents may receive compensation from us or from purchasers of the securities for whom they act as agents, in the form of discounts, concessions or commissions. Underwriters may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agents. Underwriters, dealers and agents that participate in the distribution of the securities, and any institutional investors or others that purchase securities directly for the purpose of resale or distribution, may be deemed to be underwriters, and any discounts or commissions received by them from us and any profit on the resale of the common stock by them may be deemed to be underwriting discounts and commissions under the Securities Act. No FINRA member firm may receive compensation in excess of that allowable under FINRA rules, including Rule 5110, in connection with the offering of the securities.

We may provide agents, underwriters and other purchasers with indemnification against particular civil liabilities, including liabilities under the Securities Act, or contribution with respect to payments that the agents, underwriters or other purchasers may make with respect to such liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

To facilitate the public offering of a series of securities, persons participating in the offering may engage in transactions that stabilize, maintain, or otherwise affect the market price of the securities. This may include over-allotments or short sales of the securities, which involves the sale by persons participating in the offering of more securities than have been sold to them by us. In exercising the over-allotment option granted to those persons. In addition, those persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to underwriters or dealers participating in any such offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. Such transactions, if commenced, may be discontinued at any time. We make no representation or prediction as to the direction or magnitude of any effect that the transactions described above, if implemented, may have on the price of our securities.

Unless otherwise specified in the applicable prospectus supplement, any common stock sold pursuant to a prospectus supplement will be eligible for trading as quoted on the OTCQB. Any underwriters to whom securities are sold by us for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so

and may discontinue any market making at any time without notice.

In order to comply with the securities laws of some states, if applicable, the securities offered pursuant to this prospectus will be sold in those states only through registered or licensed brokers or dealers. In addition, in some states securities may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and complied with.

Our common stock is quoted on the OTCBB under the symbol “PLPL”.

LEGAL MATTERS

The validity of the shares offered hereby has been passed upon for us by Mailander Law Office, Inc.

EXPERTS

The consolidated financial statements incorporated in this Prospectus by reference to the Annual Report on Form 10-K for the year ended June 30, 2014, have been audited by Terry L. Johnson, CPA, an independent registered public accounting firm, as stated in their report incorporated by reference herein, and have been so incorporated in reliance upon such report and upon the authority of such firm as experts in accounting and auditing.

LIMITATION ON LIABILITY AND DISCLOSURE OF COMMISSION POSITION ON INDEMNIFICATION FOR SECURITIES ACT LIABILITIES

Our directors and officers are indemnified by our bylaws against amounts actually and necessarily incurred by them in connection with the defense of any action, suit or proceeding in which they are a party by reason of being or having been directors or officers of the Company. Our articles of incorporation provides that none of our directors or officers shall be personally liable for damages for breach of any fiduciary duty as a director or officer involving any act or omission of any such director or officer. Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended, may be permitted to such directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

In the event that a claim for indemnification against such liabilities, other than the payment by us of expenses incurred or paid by such director, officer or controlling person in the successful defense of any action, suit or proceeding, is asserted by such director, officer or controlling person in connection with the securities being registered, we will, unless in the opinion of counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus and any subsequent prospectus supplements do not contain all of the information in the registration statement. We have omitted from this prospectus some parts of the registration statement as permitted by the rules and regulations of the SEC. Statements in this prospectus concerning any document we have filed as an exhibit to the registration statement or that we otherwise filed with the SEC are not intended to be comprehensive and are qualified in their entirety by reference to these filings. In addition, we file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy any documents that we have filed with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information about the operation of the Public Reference Room. The SEC also maintains an Internet site that contains reports, proxy and information statements, and other information that we file electronically with the SEC, including us. The SEC's Internet site can be found at http://www.sec.gov. In addition, we make available on or through our Internet site copies of these reports as soon as reasonably practicable after we electronically file or furnished them to the SEC. Our Internet site can be found at http:www.advancedcell.com. Our website is not a part of this prospectus.

INFORMATION INCORPORATED BY REFERENCE

We have elected to incorporate certain information by reference into this prospectus. By incorporating by reference, we can disclose important information to you by referring you to other documents we have filed or will file with the SEC. The information incorporated by reference is deemed to be part of this prospectus, except for information incorporated by reference that is superseded by information contained in this prospectus. This means that you must look at all of the SEC filings that we incorporate by reference to determine if any statements in the prospectus or any document previously incorporated by reference have been modified or superseded. This prospectus incorporates by reference the documents set forth below that we have previously filed with the SEC:

- Our annual report on Form 10-K for the fiscal year ended June 30, 2014, as amended;
- Our Quarterly Reports on Form 10-Q for the fiscal quarter ended September 30, 2014;
- Our Current Reports on Form 8-K as filed from time to time with the SEC..

We also incorporate by reference all documents we file in the future pursuant to Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 after the date of the initial filing of the post-effective amendment to the registration statement that contains this prospectus and prior to the termination of the offering (except in each case the information contained in such document to the extent “furnish” and not “filed”). You may obtain copies of these documents on the website maintained by the SEC at http://www.sec.gov, or from us without charge (other than exhibits to such documents, unless such exhibits are specifically incorporated by reference into such documents) by writing us at Corporate Secretary, Plandaí Biotechnology, Inc., 1451 North 200 East, Suite 130C, Logan, UT 98102.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus shall be deemed to be modified or superseded for the purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is or deemed to be incorporated by reference herein modifies or supersedes that statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth our costs and expenses in connection with the registration for resale of our common stock as described in this registration statement. All of the amounts shown are estimates except the Commission Registration Fee.

	AMOUNT
Commission Registration Fee	$2,905
Legal Fees and Expenses	$2,500
Accounting Fees and Expenses*	2,500
Miscellaneous Expenses*	1,500
Total*	$ 9,405

* Estimated expenses not presently known.

Item 15. Indemnification of Directors and Officers.

Our directors and officers are indemnified as provided by our articles of incorporation, bylaws and the Nevada Revised Statutes, or NRS. We believe that the indemnity and limitation of liability provisions contained in our articles of incorporation and bylaws are necessary to attract and retain qualified persons for those positions. No pending material litigation or proceeding involving our directors, executive officers, employees or other agents as to which indemnification is being sought exists, and we are not aware of any pending or threatened material litigation that may result in claims for indemnification by any of our directors or executive officers.

Our articles of incorporation provide that we will indemnify any person who was or is a party or is threatened to be made a party to any pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, except an action by or in the right of the Corporation, by reason of the fact that he is or was an officer, director, employee or agent of the Corporation, or is or was serving at the request of the Corporation as an officer, director, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or in connection with the action, suit, or proceeding if he acted in good faith and in a manner in which he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. To indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation (derivative actions) to procure a judgment in its favor by reason of the fact that he is or was an officer, director, employee or agent of the Corporation, or is or was serving at the request of the Corporation as an officer, director, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses, including amounts paid in settlement and attorney's fees actually and reasonably incurred by him in connection with the defense or settlement of the action or suit if he acted in good faith and in a manner which he reasonably believed to be in or not opposed to the best interest of the Corporation. No officer, director, employee or agent of the Corporation may be indemnified in a derivative action for any claim, issue or matter as to which such person has been adjudged by a court of competent jurisdiction after exhaustion of all appeals, to be liable to the Corporation or for amounts paid in settlement to the Corporation, unless and only to the extent that the court in which the action or suit was brought or other court of competent jurisdiction determines upon application that in view of all the circumstances of the case, the person is fairly and reasonably entitled to indemnify for such expenses as the court

deems proper.

Under our by-laws, we shall have the right to indemnify, to purchase indemnity insurance for, and to pay and advance expenses to, Directors, Officers, and other persons who are eligible for, or entitled to, such indemnification, payments or advances, in accordance with and subject to the provisions of Nevada Revised Statues 78.751, to the extent such indemnification, payments or advances are either expressly required by such provisions or are expressly authorized by the Board of Directors within the scope of such provisions. The right of the Corporation to indemnify such persons shall include, but not be limited to, the authority of the Corporation to enter into written agreements for indemnification with such persons.

Subject to the provisions of Nevada Revised Statues 78-751, a Director of the Corporation shall not be liable to the Corporation or its Shareholders for monetary damages for an act or omission in the Director's capacity as a Director, except that this provision does not eliminate or limit the liability of a Director to the extent the Director is found liable for:

(1) a breach of the Director's duty of loyalty to the Corporation or its shareholders;

(2) an act or omission not in good faith that constitutes a breach of duty of the Director to the Corporation or an act or omission that involves intentional misconduct or a knowing violation of the law;

(3) a transaction from which the Director received an improper benefit, whether or not the benefit resulted from an action taken within the scope of the Director's office; or

(4) an act or omission for which the liability of a Director is expressly provided by an applicable statute.

In the event that a claim for indemnification against such liabilities, other than the payment by us of expenses incurred or paid by such director, officer or controlling person in the successful defense of any action, suit or proceeding, is asserted by such director, officer or controlling person in connection with the securities being registered, we will, unless in the opinion of counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to such directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

Item 16. Exhibits.

See Index of Exhibits immediately following the signature page of this registration statement.

Item 17. Undertakings.

a. The undersigned registrant hereby undertakes:

1. To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

i. To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

ii. To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the “Calculation of Registration Fee” table in the effective registration statement.

iii. To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided however, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

2. That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

3. To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

4. That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

i. Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

ii. Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

5. That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

i. Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

ii. Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

iii. The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

iv. Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

b. The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

c. Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has duly caused this Registration Statement to be signed on its behalf by the undersigned, and certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized in the city of Seattle, State of Washington, on January 21, 2015.

PLANDAI
BIOTECHNOLOGY, INC.
a Nevada corporation

By: /s/ Roger Duffield
Roger Duffield
Chief Executive Officer

KNOW ALL BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Roger Duffield, as his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, in any and all capacities, to sign any or all amendments (including post-effective amendments) to this registration statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

/s/ Roger Duffield Roger Duffield Chief Executive Officer and Chief Financial Officer (Principal Executive Officer and Principal Accounting Officer)	January 21, 2015
/s/ Callum Baylis Duffield Callum Baylis Duffield Director	\ January 21, 2015

/s/ Daron Baylis Duffield

Daron Baylis Duffield

Director

January 21, 2015

/s/ Brian Johnson

Brian Johnson

Director

January 21, 2015

/s/ Jamen Shively

Jamen Shively

Director

January 21, 2015

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INDEX OF EXHIBITS

The following documents are filed as exhibits to this registration statement:

Exhibit Number	**Description**
5.1 *	Opinion of Mailander Law Office, Inc.
23.1*	Consent of Terry L. Johnson, CPA, PA an independent registered public accounting firm.
23.2 *	Consent of Mailander Law Office, Inc. (included in Exhibit 5.1).

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* Filed herewith.