

SOLIGENIX, INC.
Form 424B5
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Registration No. 333-217738

PROSPECTUS SUPPLEMENT

(To prospectus dated May 5, 2017)

1,575,500 Shares

Soligenix, Inc.

Common Stock

We are offering 1,575,500 shares of our common stock to certain investors pursuant to this prospectus supplement and the accompanying prospectus and a securities purchase agreement with such investors.

In conjunction with this offering, we have entered into securities purchase agreements with five accredited investors (collectively, the "Private Placement Subscribers"), whereby the Private Placement Subscribers have agreed to purchase, subject to the completion of this public offering and customary closing conditions, an aggregate of 982,000 shares of common stock (the "Private Placement Shares") at \$2.00 per share (the "Private Placement"). We also granted the Private Placement Subscribers a right of first offer to purchase their pro-rata share of any new equity issuance during the 12 months following the closing of the Concurrent Private Placement. The offer and sale of the shares of our common stock in the concurrent Private Placement are not covered by this prospectus supplement and will not be registered under the Securities Act of 1933, as amended, See "Concurrent Private Placement."

Our common stock and our common stock warrant issued in connection with our December 2016 public offering are traded on The NASDAQ Capital Market under the symbols "SNGX" and "SNGXW," respectively. On October 30, 2017, the last reported closing sales prices of our common stock and our common stock warrant issued in connection with our 2016 public offering on The NASDAQ Capital Market were \$1.84 per share and \$0.5882 per warrant. The aggregate market value of our outstanding voting common stock held by non-affiliates, based upon a closing sale

price of our common stock on October 11, 2017 of \$2.31, was \$12,525,238. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell securities registered on this registration statement in a public primary offering with a value exceeding more than one-third of the aggregate market value of our voting and non-voting common equity held by non-affiliates in any 12-month period so long our public float remains below \$75 million. As of the date hereof, excluding the securities offered hereby, \$1,015,266 of our securities have been sold pursuant to General Instruction I.B.6 of Form S-3 during the preceding 12 months.

Investing in our common stock involves risks. Before buying any shares, you should read the discussion of material risks of investing in our common stock in “Risk Factors” beginning on page S-4 of this prospectus supplement, and in the risks discussed in the documents incorporated by reference in this prospectus supplement.

Aegis Capital Corp. is acting as the sole placement agent on this transaction. The placement agent is not purchasing or selling any of our shares of common stock offered by this prospectus supplement, nor is it required to arrange the purchase or sale of any specific number or dollar amount of shares of common stock, but has agreed to use its reasonable best efforts to arrange for the sale of all of our shares of common stock offered hereby. There is no required minimum number of shares of common stock that must be sold as a condition to completion of the offering. We have agreed to pay the placement agent the placement agent fees set forth in the table below.

	Per Share	Total
Public offering price	\$2.00	\$3,151,000
Placement Agent Fee ⁽¹⁾	\$0.14	\$220,570
Proceeds to us, before expenses	\$1.86	\$2,930,430

In addition to the placement agent fee listed in the table above, we have agreed to reimburse the placement agent for ⁽¹⁾certain of its expenses with respect to this offering, and to issue to the placement agent warrants to purchase shares of our common stock, as described under “Plan of Distribution” on page S-12 of this prospectus supplement.

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.

We expect to deliver the shares on or about November 2, 2017.

Aegis Capital Corp

Sole Placement Agent

Prospectus supplement dated October 31, 2017

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You should rely only on the information contained in or incorporated by reference into this prospectus supplement, the accompanying prospectus or any free writing prospectus that we have authorized for use in connection with this offering. We and Aegis Capital Corp. have not authorized any other person to provide you with different or additional information. If anyone provides you with different or additional information, you should not rely on it. We and Aegis Capital Corp. take no responsibility for, and can provide no assurances as to the reliability of, any other information that others may give you. This prospectus supplement and the accompanying prospectus are not offers to sell, nor are they seeking an offer to buy, the shares offered by this prospectus supplement or the accompanying prospectus in any jurisdiction where the offer or sale is not permitted. The information contained in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein is accurate only as of the dates of the respective documents in which such information is included, regardless of the time of delivery of this prospectus supplement or any sale of the shares of common stock offered hereby. Our business, financial condition, liquidity, results of operations and prospects may have changed since those dates. You should read this prospectus supplement, the accompanying prospectuses, the documents incorporated by reference in the accompanying prospectuses, and any free writing prospectus that we have authorized for use in connection with this offering, in their entirety before making an investment decision. You should also read and consider the information in the documents to which we have referred you in the sections of this prospectus supplement and the accompanying prospectuses entitled “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.”

ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus are part of a “shelf” registration statement on Form S-3 (File No. 333-217738) that we filed with the Securities and Exchange Commission (SEC) on May 5, 2017, as amended on August 8, 2017, and that was declared effective on August 11, 2017.

This document consists of two parts. The first part is this prospectus supplement, including the documents incorporated by reference, which describes the specific terms of this offering. The second part, the accompanying prospectus, including the documents incorporated by reference, gives more general information, some of which does not apply to this offering. Generally, when we refer only to the “prospectus,” we are referring to both parts combined. This prospectus supplement may add to, update or change information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement or the accompanying prospectus.

You should read this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus before making an investment decision. You should also read and consider the information in the documents referred to in the sections of this prospectus supplement entitled “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.” If information in this prospectus supplement is inconsistent with the accompanying prospectus or with any document incorporated by reference in this prospectus supplement or the accompanying prospectus that was filed with the SEC before the date of this prospectus supplement, you should rely on this prospectus supplement. We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

All references in this prospectus supplement or the accompanying prospectus to “we,” “us,” “our” and “our company” mean Soligenix, Inc., unless the context clearly indicates otherwise unless we state otherwise or the context otherwise indicates.

SUMMARY

This summary highlights selected information about us and this common stock offering. This summary is not complete and may not contain all of the information that is important to you. We encourage you to read this prospectus supplement and the accompanying prospectus, including the information under the caption “Risk Factors” and the information we incorporate by reference, in its entirety.

About Our Company

Overview

We are a late-stage biopharmaceutical company focused on developing and commercializing products to treat rare diseases where there is an unmet medical need. We maintain two active business segments: BioTherapeutics and Vaccines/BioDefense.

Our BioTherapeutics business segment is developing a novel photodynamic therapy (SGX301) utilizing topical synthetic hypericin activated with safe visible fluorescent light for the treatment of cutaneous T-cell lymphoma (“CTCL”), our first-in-class innate defense regulator technology, dusquetide (SGX942) for the treatment of oral mucositis in head and neck cancer, and proprietary formulations of oral beclomethasone 17,21-dipropionate for the prevention/treatment of gastrointestinal (“GI”) disorders characterized by severe inflammation, including pediatric Crohn’s disease (SGX203) and acute radiation enteritis (SGX201).

Our Vaccines/BioDefense business segment includes active development programs for RiVax®, our ricin toxin vaccine candidate, OrbeShield®, our GI acute radiation syndrome (“GI ARS”) therapeutic candidate and SGX943, our therapeutic candidate for antibiotic resistant and emerging infectious disease. The development of our vaccine programs currently is supported by our heat stabilization technology, known as ThermoVax®, under existing and on-going government contract funding. With the government contract from the National Institute of Allergy and Infectious Diseases (“NIAID”), we will attempt to advance the development of RiVax® to protect against exposure to ricin toxin. We have advanced the development of OrbeShield® for the treatment of GI ARS with funds received under our awarded government contracts with the Biomedical Advanced Research and Development Authority and grants from NIAID.

Our Product Candidates in Development

The following tables summarize our product candidates under development:

BioTherapeutic Product Candidates

Soligenix Product Candidate	Therapeutic Indication	Stage of Development
SGX301	Cutaneous T-Cell Lymphoma	Phase 2 trial completed; demonstrated significantly higher response rate compared to placebo; Phase 3 clinical trial initiated in December 2015, with data expected in the second half of 2018
SGX942	Oral Mucositis in Head and Neck Cancer	Phase 2 trial completed; demonstrated significant response compared to placebo with positive long-term (12 month) safety also reported; Phase 3 clinical trial initiated July 2017, with data expected in the first half of 2019
SGX203**	Pediatric Crohn's disease	Phase 1/2 clinical trial completed; efficacy data, pharmacokinetic (PK)/pharmacodynamic (PD) profile and safety profile demonstrated; Phase 3 clinical trial planned for the first half of 2018, with data expected in the second half of 2019
SGX201**	Acute Radiation Enteritis	Phase 1/2 clinical trial completed; safety profile and preliminary efficacy demonstrated

Vaccine Thermostability Platform**

Soligenix Product Candidate	Indication	Stage of Development
ThermoVax®	Thermostability of aluminum adjuvanted vaccines	Pre-clinical

BioDefense Products**

Soligenix Product Candidate	Indication	Stage of Development
RiVax®	Vaccine against Ricin Toxin Poisoning	Phase 1b trial complete, safety and neutralizing antibodies for protection demonstrated;
OrbeShield®	Therapeutic against GI ARS	Phase 1/2 trial planned for the first half of 2018 Pre-clinical program initiated
SGX943	Therapeutic against Infectious Diseases	Pre-clinical

*** Contingent upon continued government contract/grant funding or other funding source.*

CORPORATE INFORMATION

We were incorporated in Delaware in 1987 under the name Biological Therapeutics, Inc. In 1987, we merged with Biological Therapeutics, Inc., a North Dakota corporation, pursuant to which we changed our name to “Immunotherapeutics, Inc.” We changed our name to “Endorex Corp.” in 1996, to “Endorex Corporation” in 1998, to “DOR BioPharma, Inc.” in 2001, and finally to “Soligenix, Inc.” in 2009.

Our principal executive offices are located at 29 Emmons Drive, Suite C-10, Princeton, New Jersey 08540 and our telephone number is (609) 538-8200. Our corporate website address is www.soligenix.com. Our website and the information contained on, or that can be accessed through, our website will not be deemed to be incorporated by reference in, and are not considered part of, this prospectus. You should not rely on our website or any such information in making your decision whether to purchase our securities.

THE OFFERING

Common stock offered by us 1,575,500 shares

Common stock to be outstanding immediately after this offering and the Concurrent Private Placement 8,730,640 shares

Use of proceeds We intend to use the net proceeds from the sale of the securities offered by us pursuant to this prospectus and the Concurrent Private Placement for general corporate and working capital purposes. See “Use of Proceeds” on page S-10.

Concurrent Private Placement In conjunction with this offering, we have entered into securities purchase agreements with the Private Placement Subscribers whereby the Private Placement Subscribers have agreed to purchase an aggregate of 982,000 shares of common stock at \$2.00 per share. We also granted the Private Placement Subscribers a right of first offer to purchase their pro-rata share of any new equity issuance during the 12 months following the closing of the Concurrent Private Placement.

The placement agent will serve as placement agent for the Concurrent Private Placement. We will pay the placement agent a cash fee equal to 7.0% of the gross sales price of the shares of common stock sold in the Concurrent Private Placement and will reimburse the placement agent for certain of its expenses with respect to the concurrent Private Placement. In connection with the completion of the Concurrent Private Placement, for the price of \$100, the placement agent may purchase a warrant to purchase shares of our common stock equal to 2% of the shares sold in this offering at an exercise price of \$2.50 per share. In addition, for the price of \$100, the placement agent may purchase a warrant to purchase shares of our common stock equal to 2% of the shares sold the Concurrent Private Placement at an exercise price of \$2.50 per share. The warrants are exercisable during the period commencing at 180 days from the closing date of this offering and ending five years from the effective date of this offering. The offer and sale of the shares of our common stock in the Concurrent Private Placement are not covered by this prospectus supplement and will not be registered under the Securities Act of 1933, as amended.

Additionally, we will (i) pay the placement agent a cash fee equal to 7.0% of the gross sales price with respect to any public or private financing if such financing is consummated with the Private Placement Subscribers at any time within the nine-month period following the completion of the Concurrent Private Offering and (ii) sell, for the price of \$100, to the placement agent a warrant to purchase shares of our common stock equal to 2% of the shares sold to the Private Placement

Subscribers in such financing at an exercise price equal to 125% of the price of the shares sold such financing. See “Concurrent Private Placement” on page S-10.

Risk factors In analyzing an investment in the shares of common stock being offered pursuant to this prospectus supplement, you should carefully consider, along with other matters included or incorporated by reference in this prospectus supplement or the accompanying prospectus, the information set forth under “Risk Factors” in this prospectus supplement and the risks discussed in the documents incorporated by reference in this prospectus supplement.

NASDAQ Capital Market symbol Our common stock and our common stock warrant issued in connection with our December 2016 public offering are listed on The NASDAQ Capital Market under the symbols “SNGX” and “SNGXW,” respectively.

The number of shares of common stock to be outstanding after this offering is based on 7,155,140 shares of common stock outstanding on October 30, 2017, includes 982,000 shares to be issued upon the closing of the Concurrent Private Placement and excludes:

510,056 shares of common stock issuable upon the exercise of outstanding options at a weighted average exercise price of \$9.93 per share, of which 339,609 options are vested as of October 30, 2017;

2,603,575 shares of common stock issuable upon the exercise of outstanding warrants at a weighted average exercise price of \$4.45 per share, of which 2,570,175 warrants are exercisable as of October 30, 2017; and

289,569 shares of our common stock available for future issuance under our 2015 Equity Incentive Plan as of October 30, 2017.

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RISK FACTORS

An investment in our shares of common stock involves a high degree of risk. Prior to making a decision about investing in our shares of common stock, you should carefully consider the risks, uncertainties and assumptions discussed under Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the fiscal year ended December 31, 2016 and any subsequent updates described in our Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, all of which are incorporated herein by reference and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future, together with information in this prospectus supplement and prospectus and any other information incorporated by reference into this prospectus supplement and the prospectus, including the risk factors set forth below. See the sections of this prospectus supplement entitled "Where You Can Find Additional Information" and "Incorporation of Certain Information by Reference." Additional risks and uncertainties not presently known to us, or that we currently see as immaterial, may also harm our business. If any of these risks occur, our business, financial condition and operating results could be harmed, the trading price of our common stock could decline and you could lose part or all of your investment.

Risks Related to this Offering

The price of our common stock may be highly volatile.

The market price of our common stock, like that of many other research and development public pharmaceutical and biotechnology companies, has been highly volatile and the price of our common stock may be volatile in the future due to a wide variety of factors, including:

announcements by us or others of results of pre-clinical testing and clinical trials;

announcements of technological innovations, more important bio-threats or new commercial therapeutic products by us, our collaborative partners or our present or potential competitors;

our quarterly operating results and performance;

developments or disputes concerning patents or other proprietary rights;

acquisitions;

litigation and government proceedings;

adverse legislation;

changes in government regulations;

our available working capital;

economic and other external factors;

failure of our common stock or warrants to be listed or quoted on The NASDAQ Stock Market, NYSE Amex Equities or other national market system; and

general market conditions.

Since January 1, 2016, the closing stock price (split adjusted) of our common stock has fluctuated between a high of \$12.50 per share to a low of \$1.84 per share. On October 30, 2017, the last reported closing sales price of our common stock on The NASDAQ Capital Market was \$1.84 per share. The fluctuation in the price of our common stock has sometimes been unrelated or disproportionate to our operating performance. In addition, potential dilutive effects of future sales of shares of common stock by us, as well as potential sale of common stock by the holders of warrants and options, could have an adverse effect on the market price of our shares.

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Investors will experience immediate and substantial dilution as a result of this offering and may suffer substantial dilution related to issued stock warrants and options.

Investors will incur immediate and substantial dilution as a result of this offering. After giving effect to (i) the sale by us of 1,575,500 shares of common stock offered in this offering at the public offering price of \$2.00 per share, (ii) the sale of 982,000 shares of common stock in the Concurrent Private Placement for which we will receive \$1,964,000 and (iii) issuances of 463,114 shares of common stock for which we received net proceeds of \$1,074,625 from July 1, 2017 through and immediately prior to the date of this prospectus supplement, and after deducting estimated offering expenses payable by us, investors in this offering can expect an immediate dilution of \$0.95 per share.

In addition, as of October 30, 2017, we had a number of agreements or obligations that may result in dilution to investors. These include:

warrants to purchase a total of approximately 2,603,575 shares of our common stock at a current weighted average exercise price of approximately \$4.45; and

options to purchase approximately 510,056 shares of our common stock at a current weighted average exercise price of approximately \$9.93.

We also have an incentive compensation plan for our management, employees and consultants. We have granted, and expect to grant in the future, options to purchase shares of our common stock to our directors, employees and consultants. To the extent that warrants or options are exercised, our stockholders will experience dilution and our stock price may decrease.

Additionally, the sale, or even the possibility of the sale, of the shares of common stock underlying these warrants and options could have an adverse effect on the market price for our securities or on our ability to obtain future financing.

Our shares of common stock are thinly traded, so stockholders may be unable to sell at or near ask prices or at all if they need to sell shares to raise money or otherwise desire to liquidate their shares.

Our common stock has from time to time been “thinly-traded,” meaning that the number of persons interested in purchasing our common stock at or near ask prices at any given time may be relatively small or non-existent. This situation is attributable to a number of factors, including the fact that we are a small company that is relatively

unknown to stock analysts, stock brokers, institutional investors and others in the investment community that generate or influence sales volume, and that even if we came to the attention of such persons, they tend to be risk-averse and would be reluctant to follow an unproven company such as ours or purchase or recommend the purchase of our shares until such time as we become more seasoned and viable. As a consequence, there may be periods of several days or more when trading activity in our shares is minimal or non-existent, as compared to a seasoned issuer which has a large and steady volume of trading activity that will generally support continuous sales without an adverse effect on share price. We cannot give stockholders any assurance that a broader or more active public trading market for our common shares will develop or be sustained, or that current trading levels will be sustained.

We do not currently intend to pay dividends on our common stock in the foreseeable future, and consequently, our stockholders' ability to achieve a return on their investment will depend on appreciation in the price of our common stock.

We have never declared or paid cash dividends on our common stock and do not anticipate paying any cash dividends to holders of our common stock in the foreseeable future. Consequently, our stockholders must rely on sales of their common stock after price appreciation, which may never occur, as the only way to realize any future gains on their investments. There is no guarantee that shares of our common stock will appreciate in value or even maintain the price at which our stockholders have purchased their shares.

Upon dissolution of the Company, our stockholders may not recoup all or any portion of their investment.

In the event of a liquidation, dissolution or winding-up of the Company, whether voluntary or involuntary, the proceeds and/or assets of the Company remaining after giving effect to such transaction, and the payment of all of our debts and liabilities will be distributed to the holders of common stock on a pro rata basis. There can be no assurance that we will have available assets to pay to the holders of common stock, or any amounts, upon such a liquidation, dissolution or winding-up of the Company. In this event, our stockholders could lose some or all of their investment.

The sale or issuance of our common stock pursuant to an at the market offering agreement with FBR Capital Markets & Co. may cause dilution and the sale of the shares of common stock sold pursuant to the at the market offering agreement, or the perception that such sales may occur, could cause the price of our common stock to fall.

On August 11, 2017, we entered into an At Market Issuance Sales Agreement (the “Sales Agreement”) with FBR Capital Markets & Co. (“FBR”) to sell shares of our common stock, with aggregate gross proceeds of up to \$4,800,000, from time to time, through an “at-the-market” equity offering program under which FBR will act as sales agent. From August 11, 2017 through October 30, 2017, we sold 450,000 shares under the Sales Agreement and received gross proceeds of \$1,015,266.

Under the Sales Agreement, we will set the parameters for the sale of shares, including the number of shares to be issued, the time period during which sales are requested to be made, limitation on the number of shares that may be sold in any one trading day and any minimum price below which sales may not be made. Subject to the terms and conditions of the Sales Agreement, FBR may sell the shares by methods deemed to be an “at-the-market” offering as defined in Rule 415 promulgated under the Securities Act of 1933, as amended (the “Securities Act”), including sales made directly on or through The NASDAQ Capital Market, the existing trading market for our common stock, sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. The Sales Agreement provides that FBR will be entitled to compensation for its services in an amount equal to 3% of the gross proceeds from the sale of shares sold under the Sales Agreement.

Depending on market liquidity at the time, sales of shares under the Sales Agreement may cause the trading price of our common stock to fall. Additionally, further sales of our common stock, if any, under the Sales Agreement will depend upon market conditions and other factors to be determined by us. We ultimately may sell all, some or none of the shares of our common stock that may be sold pursuant to the Sales Agreement and, after such shares have been sold, the purchasers may sell all, some or none of those shares. Therefore, sales under the Sales Agreement 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 under the Sales Agreement, 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.

The sale or issuance of our common stock to Lincoln Park Capital may cause dilution and the sale of the shares of common stock acquired by Lincoln Park, or the perception that such sales may occur, could cause the price of our common stock to fall.

On March 22, 2016, we entered into an additional purchase agreement (the “2016 Purchase Agreement”) with Lincoln Park Capital Fund, LLC (“Lincoln Park”). Pursuant to the 2016 Purchase Agreement, Lincoln Park has committed to purchase up to \$12 million of our common stock, of which approximately \$10.2 million worth of our common stock remains issuable as of October 30, 2017. Concurrently with the execution of the 2016 Purchase Agreement, we issued 10,000 shares of our common stock to Lincoln Park as a partial fee for its commitment to purchase shares of our common stock under the 2016 Purchase Agreement. From March 22, 2016 through October 30, 2017, we sold 310,000 shares to Lincoln Park and issued 7,618 additional shares to Lincoln Park as additional commitment shares under the 2016 Purchase Agreement and received proceeds of \$1,828,250. The shares that may be sold pursuant to the 2016 Purchase Agreement may be sold by us to Lincoln Park at our sole discretion from time to time over the remaining term of approximately 17 months from October 30, 2017, provided the registration statement registering the resale of shares sold to Lincoln Park under the 2016 Purchase Agreement remains effective. The purchase price for the shares that we may sell to Lincoln Park under the 2016 Purchase Agreement will fluctuate based on the price of our common stock. We have the right to control the timing and amount of any sales of our shares to Lincoln Park, except that, pursuant to the terms of our agreements with Lincoln Park, we would be unable to sell shares to Lincoln Park that would cause Lincoln Park to beneficially own more than 4.99% of our issued and outstanding common stock.

Depending on market liquidity at the time, sales of shares under the 2016 Purchase Agreement may cause the trading price of our common stock to fall. Additionally, further sales of our common stock, if any, to Lincoln Park under the 2016 Purchase Agreement will depend upon market conditions and other factors to be determined by us. Lincoln Park may ultimately purchase all, some or none of the shares of our common stock that may be sold pursuant to the 2016 Purchase Agreement and, after it has acquired shares, Lincoln Park may sell all, some or none of those shares. Therefore, sales to Lincoln Park 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 to Lincoln Park, 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.

The issuance of our common stock pursuant to the terms of the asset purchase agreement with Hy Biopharma Inc. may cause dilution and the issuance of such shares of common stock, or the perception that such issuances may occur, could cause the price of our common stock to fall.

On April 1, 2014, we entered into an option agreement pursuant to which Hy Biopharma Inc. (“Hy Biopharma”) granted us an option to purchase certain assets, properties and rights (the “Hypericin Assets”) related to the development of Hy Biopharma’s synthetic hypericin product candidate for the treatment of CTCL, which we refer to as SGX301, from Hy Biopharma. In exchange for the option, we paid \$50,000 in cash and issued 4,307 shares of common stock in the aggregate to Hy Biopharma and its assignees. We subsequently exercised the option, and on September 3, 2014, we entered into an asset purchase agreement with Hy Biopharma, pursuant to which we purchased the Hypericin Assets. Pursuant to the purchase agreement, we paid \$275,000 in cash and issued 184,912 shares of common stock in the aggregate to Hy Biopharma and its assignees, and the licensors of the license agreement acquired from Hy Biopharma, and may issue up to an aggregate of \$10 million worth of our common stock (subject to a cap equal to 19.99% of our issued and outstanding common stock) in the aggregate upon attainment of specified milestones. The next milestone payment will be payable if the Phase 3 clinical trial of SGX301 is successful in demonstrating efficacy and safety in the CTCL patient population. Also on September 3, 2014, we entered into a Registration Rights Agreement with Hy Biopharma, pursuant to which we have filed a registration statement with the SEC.

The number of shares that we may issue under the purchase agreement will fluctuate based on the market price of our common stock. Depending on market liquidity at the time, the issuance of such shares may cause the trading price of our common stock to fall.

We may ultimately issue all, some or none of the additional shares of our common stock that may be issued pursuant to the purchase agreement. We are required to register any shares issued pursuant to the purchase agreement for resale under the Securities Act. After any such shares are registered, the holders will be able to sell all, some or none of those shares. Therefore, issuances by us under the purchase agreement could result in substantial dilution to the interests of other holders of our common stock. Additionally, the issuance of a substantial number of shares of our common stock pursuant to the purchase agreement, or the anticipation of such issuances, 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.

Our management will have broad discretion over the use of the net proceeds from this offering and we may use the net proceeds in ways with which you disagree or which do not produce beneficial results.

We currently intend to use the net proceeds from this offering to fund our research and development activities and for working capital and general corporate purposes (see “Use of Proceeds”). We have not allocated specific amounts of the net proceeds from this offering for any of the foregoing purposes. Accordingly, our management will have significant discretion and flexibility in applying the net proceeds of this offering. You will be relying on the judgment of our management with regard to the use of these net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. It is possible that the net proceeds will be invested in a way that does not yield a favorable, or any, return for us or our stockholders. The failure of our management to use such funds effectively could have a material adverse effect on our business, financial condition, and results of operation.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS AND INDUSTRY DATA AND MARKET INFORMATION

This prospectus supplement, the accompanying prospectus and the information incorporated herein by reference contain forward-looking statements within the meaning of Section 27A of the Securities Act, and Section 21E of the Exchange Act. These forward-looking statements are often identified by words such as “may,” “should,” “would,” “expect,” “intend,” “anticipate,” “believe,” “estimate,” “continue,” “plan,” “potential” and similar expressions. These statements involve estimates, assumptions and uncertainties that could cause actual results to differ materially from those expressed for the reasons described in this prospectus and in the documents incorporated herein by reference. You should not place undue reliance on these forward-looking statements.

You should be aware that our actual results could differ materially from those contained in the forward-looking statements due to a number of factors, including:

our dependence on the expertise, effort, priorities and contractual obligations of third parties in the clinical trials, manufacturing, marketing, sales and distribution of our products;

the domestic and international regulatory process and related laws, rules and regulations governing our technologies and our proposed products, including: (i) the timing, status and results of our or our commercial partners’ filings with the U.S. Food and Drug Administration (the “FDA”) and its foreign equivalents, (ii) the timing, status and results of non-clinical work and clinical studies, including regulatory review thereof and (iii) the heavily regulated industry in which we operate our business generally;

uncertainty as to whether our product candidates will be safe and effective to support regulatory approvals;

significant uncertainty inherent in developing vaccines against bioterror threats, and manufacturing and conducting preclinical and clinical trials of vaccines;

our ability to obtain future financing or funds when needed, either through the raising of capital, the incurrence of convertible or other indebtedness or through strategic financing or commercialization partnerships;

that product development and commercialization efforts will be reduced or discontinued due to difficulties or delays in clinical trials or a lack of progress or positive results from research and development efforts;

our ability to obtain further grants and awards from the U.S. Government and other countries, and maintenance of our existing grants;

our ability to enter into any biodefense procurement contracts with the U.S. Government or other countries;

our ability to patent, register and protect our technology from challenge and our products from competition;

maintenance or expansion of our license agreements with our current licensors;

the protection and control afforded by our patents or other intellectual property, and any interest in patents or other intellectual property that we license, or our or our partners' ability to enforce our rights under such owned or licensed patents or other intellectual property;

changes in healthcare regulation;

changes in the needs of biodefense procurement agencies;

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maintenance and progression of our business strategy;

the possibility that our products under development may not gain market acceptance;

our expectations about the potential market sizes and market participation potential for our product candidates may not be realized;

our expected revenues (including sales, milestone payments and royalty revenues) from our product candidates and any related commercial agreements of ours may not be realized;

the ability of our manufacturing partners to supply us or our commercial partners with clinical or commercial supplies of our products in a safe, timely and regulatory compliant manner and the ability of such partners to address any regulatory issues that have arisen or may in the future arise; and

competition existing today or that may arise in the future, including the possibility that others may develop technologies or products superior to our products.

You should also consider carefully the statements under “Risk Factors” in this prospectus supplement, the prospectus and documents incorporated herein and therein by reference including Sections entitled “Business,” “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” incorporated by reference from our most recent Annual Report on Form 10-K and in our Quarterly Reports on Form 10-Q, as well as any amendments thereto, filed with the SEC, which address additional factors that could cause our actual results to differ from those set forth in the forward-looking statements and could materially and adversely affect our business, operating results and financial condition. All subsequent written and oral forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the applicable cautionary statements.

The forward-looking statements speak only as of the date on which they are made, and, except to the extent required by federal securities laws, we undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events. In addition, we cannot assess the impact of each factor on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements.

Industry Data and Market Information

This prospectus, any accompanying prospectus supplements and the documents incorporated herein by reference contain estimates, projections and other statistical data made by independent parties and by us relating to market size and growth, the potential value of government procurement contracts, the incidence of certain medical conditions and other industry data. These data, to the extent they contain estimates or projections, involve a number of subjective assumptions and limitations, and you are cautioned not to give undue weight to such estimates or projections. Industry publications and other reports we have obtained from independent parties generally state that the data contained in these publications or other reports have been obtained in good faith or from sources considered to be reliable, but they do not guarantee the accuracy or completeness of such data. While we believe that the data from these industry publications and other reports are generally reliable, we have not independently verified the accuracy or completeness of such data. These and other factors could cause results to differ materially from those expressed in these publications and reports.

We have provided estimates of the potential worldwide market or value of potential government procurement contracts for certain of our product candidates. These estimates are based on a number of factors, including our expectation as to the number of patients with a certain medical condition that would potentially benefit from a particular product candidate, the current costs of treating patients with the targeted medical condition, our expectation that we will be able to demonstrate to the FDA's satisfaction in our clinical trials that the product candidate is safe and effective, our belief that our product candidate would, if approved, have an assumed treatment cost per patient, historic values of government procurement contracts for vaccines, and our expectation of the dosage of the product candidate. While we have determined these estimates based on assumptions that we believe are reasonable, there are a number of factors that could cause our expectations to change or not be realized. Among these factors are the following: (1) there is no assurance that the product candidate will prove to be safe and effective or will ultimately be approved for sale by the FDA; (2) any FDA approval of the product candidate may contain restrictions on its use or require warning labels; (3) third party payors may not be willing to provide reimbursement for the product candidate at the assumed price per patient; (4) the government may not be willing to procure our vaccine candidates in amounts or at costs similar to its historic procurement activities; (5) the dosage that ultimately may be approved may be different from the assumed dosage; and (6) doctors may not adopt the product candidate for use as quickly or as broadly as we have assumed. It is possible that the ultimate market for a product candidate or value of procurement contracts will differ significantly from our expectations due to these or other factors. As a result of these and other factors, investors should not place undue reliance on such estimates.

CONCURRENT PRIVATE PLACEMENT

In conjunction with this offering, we have entered into securities purchase agreements with the Private Placement Subscribers whereby the Private Placement Subscribers have agreed to purchase an aggregate of 982,000 Private Placement Shares at \$2.00 per share. We also granted the Private Placement Subscribers a right of first offer to purchase their pro-rata share of any new equity issuance during the 12 months following the closing of the Concurrent Private Placement. The Private Placement Subscribers consists of investors who have a preexisting, substantive relationship with the Company and/or the placement agent. Aegis Capital Corp. will serve as placement agent for the Concurrent Private Placement, and we will pay it a cash fee equal to 7.0% of the gross sales price of the shares of the Private Placement Shares. We will also reimburse the placement agent for the fees and expenses of the placement agent's legal counsel not to exceed an aggregate of \$25,000 in the Concurrent Private Placement. In connection with the completion of the Concurrent Private Placement, for the price of \$100, the placement agent may purchase a warrant to purchase shares of our common stock equal to 2% of the shares sold in this offering at an exercise price of \$2.50 per share. The warrants are exercisable during the period commencing at 180 days from the closing date of this offering and ending five years from the effective date of this offering. The warrants may not be sold during this offering, or sold, transferred, assigned, pledged or hypothecated, or be the subject of any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of the warrants, or the shares acquirable upon exercise thereof, by any person for a period of 180 days immediately following the closing date of the offering, except as provided in paragraph (g)(2) of Rule 5110 of FINRA. The sale of shares of the Private Placement Shares are not covered by this prospectus supplement and will not be registered under the Securities Act.

Additionally, we will (i) pay the placement agent a cash fee equal to 7.0% of the gross sales price with respect to any public or private financing if such financing is consummated with the Private Placement Subscribers at any time within the nine-month period following the completion of the Concurrent Private Offering and (ii) sell, for the price of \$100, to the placement agent a warrant to purchase shares of our common stock equal to 2% of the shares sold to the Private Placement Subscribers in such financing at an exercise price equal to 125% of the price of the shares sold such financing.

The closing of the Concurrent Private Placement is subject to customary closing conditions. The Private Placement Shares will be "restricted securities" under U.S. securities laws.

USE OF PROCEEDS

We estimate that the net proceeds we will receive from this offering, together with the Concurrent Private Placement, will be approximately \$4.56 million, after deducting the placement agent's fees and estimated offering expenses payable by us.

We intend to use the net proceeds from the sale of the securities offered by us pursuant to this prospectus supplement, if any, for general corporate and working capital purposes, which may include, among other things, working capital, product development, acquisitions, capital expenditures, and other business opportunities. We have not determined the amount of net proceeds to be used specifically for such purposes and, as a result, management will retain broad discretion over the allocation of net proceeds. The occurrence of unforeseen events or changed business conditions could result in the application of the net proceeds from this offering in a manner other than as described in this prospectus supplement. Pending their uses, we intend to invest the net proceeds of this offering in interest-bearing bank accounts or in short-term, interest-bearing, investment-grade securities

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DILUTION

Purchasers of common stock in this offering will experience immediate dilution to the extent of the difference between the public offering price per share of common stock purchasers pay in this offering and the pro forma net tangible book value per share of common stock immediately after this offering.

Our pro forma net tangible book value as of June 30, 2017 was approximately \$6,327,376, or \$0.88 per share of common stock, after giving effect to (i) the sale of 982,000 shares of common stock in the Concurrent Private Placement for which we will receive \$1,964,000 and (ii) issuances of 490,387 shares of common stock for which we received net proceeds \$1,074,625 from July 1, 2017 through and immediately prior to the date of this prospectus. Net tangible book value per share is determined by dividing the net of total tangible assets, which excludes intangible assets, less total liabilities, by the aggregate number of shares of common stock outstanding. After giving effect to the sale by us of 1,575,500 shares of common stock at the public offering price of \$2.00 per share of common stock, and after deducting the estimated offering expenses payable by us, our pro forma as adjusted net tangible book value as of June 30, 2017 would have been approximately \$9,157,806, or \$1.05 per share of common stock. This represents an immediate increase in pro forma net tangible book value of \$0.17 per share to our existing stockholders and an immediate dilution of \$0.95 per share of common stock issued to the new investors purchasing securities in this offering.

The following table illustrates this dilution on a per-share basis:

Public offering price per share of common stock	\$2.00
Pro forma net tangible book value per share as of June 30, 2017	\$0.88
Pro forma increase per share attributable to new investors participating in this offering	\$0.17
Pro forma as adjusted net tangible book value per share after this offering	\$1.05
Dilution per share to new investors	\$0.95

The above table excludes:

510,056 shares of common stock issuable upon the exercise of outstanding options at a weighted average exercise price of \$9.93 per share, of which 339,609 options are vested as September 30, 2017;

2,603,575 shares of common stock issuable upon the exercise of outstanding warrants at a weighted average exercise price of \$4.45 per share, of which 2,570,175 warrants are exercisable as of September 30, 2017; and

289,569 shares of our common stock available for future issuance under our 2015 Equity Incentive Plan as of September 30, 2017.

To the extent that options or warrants are exercised, new options are issued under our 2015 Equity Incentive Plan, or we issue additional shares of common stock in the future, there may be further dilution to investors participating in this offering. In addition, we may choose to raise additional capital because of market conditions or strategic considerations, even if we believe that we have sufficient funds for our current or future operating plans. If we raise additional capital through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

Because there is no minimum offering amount required as a condition to the closing of this offering, the dilution per share to purchasers in the offering may be more than that indicated above in the event that the actual number of shares sold, if any, is less than the maximum number of shares of our common stock we are offering.

DESCRIPTION OF SECURITIES

In this offering, we are offering a maximum of 1,575,500 shares of common stock. The material terms and provisions of our common stock are described under the heading “Description of Capital Stock” starting on page 6 of the accompanying prospectus.

PLAN OF DISTRIBUTION

We have entered into a securities purchase agreement with investors for the purchase of shares of common stock offered in this offering. In connection with this offering, we have engaged Aegis Capital Corp. as our placement agent subject to the terms and conditions of the placement agency agreement dated the date of this prospectus supplement. The placement agent is not purchasing or selling any of our shares of common stock offered by this prospectus supplement, nor is it required to arrange the purchase or sale of any specific number or dollar amount of shares of common stock, but has agreed to use its reasonable best efforts to arrange for the sale of all of our shares of common stock offered hereby. We or the placement agent may distribute this prospectus supplement and the accompanying prospectus electronically.

We will pay the placement agent a placement agent fee equal to 7% of the gross proceeds of this offering. We will also reimburse the placement agent for the fees and expenses of the placement agent's legal counsel not to exceed an aggregate of \$25,000 in this offering. The payment of these fees and expenses are in addition to the payment of the fees and expenses to be paid in the Concurrent Private Placement.

In connection with the completion of this offering, for the price of \$100, the placement agent may purchase a warrant to purchase shares of our common stock equal to 2% of the shares sold in this offering at an exercise price of \$2.50 per share. In addition, for the price of \$100, the placement agent may purchase a warrant to purchase shares of our common stock equal to 2% of the shares sold the Concurrent Private Placement at an exercise price of \$2.50. The warrants are exercisable during the period commencing at 180 days from the closing date of this offering and ending five years from the effective date of this offering. The warrants may not be sold during this offering, or sold, transferred, assigned, pledged or hypothecated, or be the subject of any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of the warrants, or the shares acquirable upon exercise thereof, by any person for a period of 180 days immediately following the closing date of the offering, except as provided in paragraph (g)(2) of Rule 5110 of FINRA.

We estimate the total expenses of this offering that will be payable by us, excluding the placement agent's fees, will be approximately \$100,000. After deducting certain fees due to the placement agent and our estimated offering expenses, we expect the net proceeds from this offering will be approximately \$2.8 million.

We have agreed to indemnify the placement agent against certain liabilities, including liabilities under the Securities Act, and liabilities arising from breaches and representations and warranties contained in the placement agency agreement. We have also agreed to contribute to payments the placement agent may be required to make in respect of such liabilities.

We and each of our directors and officers have agreed not to offer, sell, agree to sell, directly or indirectly, or otherwise dispose of any shares of common stock or any securities convertible into or exchangeable for shares of common stock without the prior written consent of the placement agent for a period of 90 days after the date of this prospectus supplement. These lock-up agreements provide limited exceptions and their restrictions may be waived at any time by the placement agent.

The placement agent may be deemed to be an “underwriter” within the meaning of the Securities Act.

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company, LLC. Its address is 6201 15th Avenue, Brooklyn, NY 11219 and its telephone number is (718) 921-8200.

For the complete terms of the securities purchase agreement and the placement agency agreement, you should refer to the form securities purchase agreement and form placement agency agreement which are filed as exhibits to a Current Report on Form 8-K filed with the SEC in connection with this offering, which are incorporated by reference into the registration statement of which this prospectus supplement is part.

LEGAL MATTERS

The validity of the common stock being offered will be passed upon for us by Duane Morris LLP, Boca Raton, Florida. Gracin & Marlow, LLP, New York, New York, is acting as counsel for the placement agent in this offering.

EXPERTS

The consolidated balance sheets of our company as of December 31, 2016 and 2015, and the related consolidated statements of operations, stockholders’ equity (deficiency), and cash flows for each of the years then ended, have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report which is incorporated herein by reference. Such financial statements have been incorporated herein by reference in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Such filings are available to the public over the internet at the SEC’s website at <http://www.sec.gov>. You may review and copy any

document we file with the SEC at the SEC's public reference room at 100 F Street, N.E. Washington, D.C. 20549 on official business days during the hours of 10 a.m. to 3 p.m. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330.

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INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” into this prospectus supplement the information we file with the SEC, which means that we can disclose important information to you by referring you to those documents. Any information referenced this way is considered to be part of this prospectus supplement, and any information that we file later with the SEC will automatically update and, where applicable, supersede this information. We incorporate by reference the following documents that we have filed with the SEC (other than, in each case, documents or information deemed to have been furnished and not filed in accordance with the SEC’s rules):

(a) Our Annual Report on Form 10-K for the fiscal year ended December 31, 2016, as filed with the SEC on March 27, 2017;

(b) Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2017, as filed with the SEC on May 11, 2017; and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2017, as filed with the SEC on August 11, 2017;

(c) Our Current Report on Form 8-K filed with the SEC on June 14, 2017; and

(d) The description of our common stock, par value \$0.001 per share, contained under the caption “Description of Capital Stock” in the Registrant’s prospectus, dated as of August 11, 2017, forming a part of the Registration Statement on Form S-3 (Registration No. 333-217738) filed with the SEC, as modified by our reports we file under the Securities Exchange Act of 1934, as amended (the “Exchange Act”).

We also incorporate by reference into this prospectus supplement additional documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act on or after the date of this prospectus supplement and prior to the completion or termination of the offering of the securities described in this prospectus supplement, but excluding any information deemed furnished and not filed with the SEC. We undertake to provide without charge to each person (including any beneficial owner) who receives a copy of this prospectus, upon written or oral request, a copy of all of the preceding documents that are incorporated by reference (other than exhibits, unless the exhibits are specifically incorporated by reference into these documents). We will provide to each person, including any beneficial owner, to whom a prospectus supplement is delivered, a copy of any or all of the reports or documents that we incorporate by reference in this prospectus supplement contained in the registration statement (except exhibits to the documents that are not specifically incorporated by reference) at no cost to you, by writing or calling us at: Soligenix, Inc., Attn: Corporate Secretary, 29 Emmons Drive, Suite B-10, Princeton, New Jersey 08540, telephone number: (609) 538-8200.

Any statements contained in a document incorporated by reference in this prospectus supplement shall be deemed to be modified, superseded or replaced for purposes of this prospectus supplement and the accompanying prospectus to the extent that a statement contained in this prospectus supplement (or in any other subsequently filed document which also is incorporated by reference in this prospectus supplement) modifies, supersedes or replaces such statement. Any statement so modified, superseded or replaced shall not be deemed, except as so modified, superseded or replaced, to constitute a part of this prospectus supplement and the accompanying prospectus. Statements contained in this prospectus supplement, the accompanying prospectus and any document incorporated by reference as to the contents of any contract, agreement or other document referred to are not necessarily complete, and in each instance reference is made to the copy of the contract, agreement or other document filed as an exhibit to the registration statement or any incorporated document, each statement being so qualified by this reference.

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PROSPECTUS

Soligenix, Inc.

\$25,000,000

Common Stock, Preferred Stock Warrants and Units

This prospectus covers our offer and sale from time to time of our common stock, preferred stock, warrants to purchase common stock and/or preferred stock, and units in one or more offerings. The aggregate offering price of all securities sold by us under this prospectus may not exceed \$25 million.

This prospectus describes some of the general terms that may apply to an offering of these securities and the general manner in which these securities may be offered. Each time we offer and sell these securities we will provide specific terms of such offering in a supplement to this prospectus. A prospectus supplement may also add, update or change information contained in this prospectus or in documents we have incorporated by reference into this prospectus and, accordingly, to the extent inconsistent, information in or incorporated by reference in this prospectus is superseded by the information in the prospectus supplement and any other offering material related to such securities.

We may offer and sell these securities from time to time at fixed prices, at market prices or at negotiated prices, and such securities may be offered and sold to or through one or more underwriters, dealers or agents or directly to purchasers on a continuous or delayed basis. Without limitation of the foregoing, shares may be issued in connection with (i) the achievement of clinical development milestones under license or purchase agreements, such as the asset purchase agreement with Hy Biopharma Inc. pursuant to which we acquired assets related to the development of our synthetic hypericin product candidate for the treatment of cutaneous T-cell lymphoma (SGX301), (ii) strategic partnering and/or acquisition transactions involving the issuance of our securities as well as to meet long-term corporate objectives, similar to the partnership established with SciClone Pharmaceuticals, Inc., and (iii) capital raising transactions through the sale of securities in the private and/or public equity markets to support a higher level of growth, respond to competitive pressures, develop new products and services and support new strategic partnership expenditures.

The filing of the registration statement of which this prospectus forms a part is primarily driven by our desire to have sufficient registered securities available for possible merger and acquisition activities and other corporate development objectives that may occur over the coming years. However, we have no present plans to engage in such activities.

Our common stock and our common stock warrant issued in connection with our December 2016 public offering are traded on The NASDAQ Capital Market under the symbols “SNGX” and “SNGXW,” respectively. On May 1, 2017, the last reported closing sales prices of our common stock and our common stock warrant issued in connection with our 2016 public offering on The NASDAQ Capital Market were \$3.00 per share and \$0.76 per warrant.

As of May 1, 2017, the aggregate market value of our outstanding common stock held by non-affiliates was approximately \$13,009,413, which was calculated based on 4,336,471 shares of outstanding common stock held by non-affiliates and on a price per share of \$3.00. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell the shelf securities in a public primary offering with a value exceeding more than one-third of the aggregate market value of our voting and non-voting common equity held by non-affiliates in any 12-month period as long as the aggregate market value of our outstanding voting and non-voting common equity held by non-affiliates is less than \$75 million. During the 12 calendar months prior to and including the date of this prospectus, we have not offered or sold any securities pursuant to General Instruction I.B.6 of Form S-3.

INVESTING IN OUR SECURITIES INVOLVES A HIGH DEGREE OF RISK. YOU SHOULD REVIEW CAREFULLY THE RISKS AND UNCERTAINTIES DESCRIBED UNDER THE HEADING “RISK FACTORS” CONTAINED IN THE APPLICABLE PROSPECTUS SUPPLEMENT WE HAVE AUTHORIZED FOR USE IN CONNECTION WITH A SPECIFIC OFFERING, AND UNDER SIMILAR HEADINGS IN THE DOCUMENTS THAT ARE INCORPORATED BY REFERENCE INTO THIS PROSPECTUS.

THIS PROSPECTUS MAY NOT BE USED TO CONSUMMATE A SALE OF ANY SECURITIES UNLESS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.

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

The date of this prospectus is May 5, 2017.

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About This Prospectus

This prospectus is part of a registration statement that we filed with the United States Securities and Exchange Commission (the “SEC”), using a “shelf” registration process. Under this shelf registration process, we may, from time to time, offer and sell, either separately or together, any combination of the securities described in this prospectus in one or more offerings for cash. We may also issue any of the common stock, preferred stock, warrants, or units upon conversion, exchange or exercise of any of the securities mentioned above. The aggregate amount of securities that we may offer under the registration statement is \$25 million, denominated in U.S. dollars or the equivalent in foreign currencies, currency units or composite currencies. We are subject to the provisions of General Instruction I.B.6. of the General Instructions to Form S-3, which provide that as long as the aggregate market value of our outstanding voting and non-voting common equity held by non-affiliates of our company is less than \$75 million, then the aggregate market value of securities sold by us or on our behalf on Form S-3, during the period of 12 calendar months immediately prior to, and including, the sale, is no more than one-third of the aggregate market value of the voting and non-voting common equity held by non-affiliates of our company. We have no outstanding non-voting common equity.

This prospectus describes some of the general terms that may apply to an offering of our securities and the general manner in which they may be offered. Each time we sell any securities under this prospectus, we will provide a prospectus supplement that will contain more specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus or in documents we have incorporated by reference into this prospectus and, accordingly, to the extent inconsistent, information in or incorporated by reference in this prospectus is superseded by the information in the prospectus supplement and any other offering material related to such securities.

This prospectus may not be used to sell any securities unless accompanied by a prospectus supplement. You should carefully read this prospectus, the applicable prospectus supplement, the information and documents incorporated herein by reference and the additional information described under the heading “Where You Can Find Additional Information” in this prospectus, before you invest in any of the securities offered hereunder.

You should rely only on the information contained in this prospectus or any accompanying prospectus supplement to this prospectus. We have not authorized anyone to provide you with any information other than that contained in this prospectus and any accompanying prospectus supplement to this prospectus. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This prospectus and any accompanying supplement to this prospectus do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus and any accompanying supplement to this prospectus constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction.

For investors outside the United States: We have not done anything that would permit this offering or possession or distribution of this prospectus or any accompanying prospectus supplement to this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus or any accompanying prospectus supplement to this prospectus must inform themselves about, and observe any restrictions relating to, the offering of securities and the distribution of this prospectus outside the United States.

As used in this prospectus, the terms “we,” “us,” “our” and “our company” mean Soligenix, Inc., unless the context clearly indicates otherwise.

Where You Can Find More Information

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Such filings are available to the public over the internet at the SEC’s website at <http://www.sec.gov>. You may review and copy any document we file with the SEC at the SEC’s public reference room at 100 F Street, N.E. Washington, D.C. 20549 on official business days during the hours of 10 a.m. to 3 p.m. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330.

Incorporation of Information by Reference

The SEC allows us to “incorporate by reference” into this prospectus the information we file with the SEC, which means that we can disclose important information to you by referring you to those documents. Any information referenced this way is considered to be part of this prospectus, and any information that we file later with the SEC will automatically update and, where applicable, supersede this information. We incorporate by reference the following documents that we have filed with the SEC (other than, in each case, documents or information deemed to have been furnished and not filed in accordance with the SEC’s rules):

- (a) Our Annual Report on Form 10-K for the fiscal year ended December 31, 2016, as filed with the SEC on March 27, 2017; and

- (b) The description of our common stock, par value \$0.001 per share, contained in our Registration Statement on Form 8-A, filed with the SEC on December 12, 2016 and under the caption “Description of Capital Stock” in the Registrant’s prospectus, dated as of December 12, 2016, forming a part of the Registration Statement on Form S-1 (Registration No. 333-214038) filed with the SEC, including any amendments or reports filed for the purpose of updating such description.

We also incorporate by reference into this prospectus additional documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), on or after the date of this prospectus and prior to the completion or termination of the offering of the securities described in this prospectus, including all such documents filed by us pursuant to the Exchange Act after the date of the initial registration statement and prior to the effectiveness of the registration statement, but excluding any information deemed furnished and not filed with the SEC.

Any statement contained in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded to the extent that a statement contained herein, or in a subsequently filed document also incorporated or deemed to be incorporated herein by reference, modifies or supersedes such statement in such document. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

This prospectus is part of a registration statement on Form S-3 we have filed with the SEC relating to the securities. As permitted by SEC rules, this prospectus does not contain all of the information included in the registration statement and the accompanying exhibits and schedules we file with the SEC. We have filed or incorporated by reference certain legal documents that control the terms of the shares of common stock and preferred stock offered under this prospectus as exhibits to the registration statement. We may file certain other legal documents that control the terms of the shares of common stock and preferred stock offered by this prospectus as exhibits to reports we file with the SEC. You may refer to the registration statement and the exhibits and schedules thereto for more information

about us and our securities. The registration statement and exhibits and schedules are also available at the SEC's Public Reference Room or through its website.

We will provide to each person, including any beneficial owner, to whom a prospectus is delivered, a copy of any or all of the reports or documents that we incorporate by reference in this prospectus contained in the registration statement (except exhibits to the documents that are not specifically incorporated by reference) at no cost to you, by writing or calling us at: Soligenix, Inc., 29 Emmons Drive, Suite C-10, Princeton, New Jersey 08540, Attn: Secretary, telephone number: 609-538-8200. Information about us is also available at our website at www.soligenix.com. Except for the specific incorporated reports and documents listed above, no information available on or through our website shall be deemed to be incorporated in this prospectus or the registration statement of which it forms a part.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS AND INDUSTRY DATA AND MARKET INFORMATION

The information contained in this prospectus and any accompanying prospectus supplements contain or incorporate by reference forward-looking statements within the meaning of Section 27A of the Securities Act, and Section 21E of the Exchange Act. These forward-looking statements are often identified by words such as “may,” “should,” “would,” “expect,” “intend,” “anticipate,” “believe,” “estimate,” “continue,” “plan,” “potential” and similar expressions. These statements involve estimates, assumptions and uncertainties that could cause actual results to differ materially from those expressed for the reasons described in this prospectus and in the documents incorporated herein by reference. You should not place undue reliance on these forward-looking statements.

You should be aware that our actual results could differ materially from those contained in the forward-looking statements due to a number of factors, including:

our dependence on the expertise, effort, priorities and contractual obligations of third parties in the clinical trials, manufacturing, marketing, sales and distribution of our products;

the domestic and international regulatory process and related laws, rules and regulations governing our technologies and our proposed products, including: (i) the timing, status and results of our or our commercial partners’ filings with the U.S. Food and Drug Administration (the “FDA”) and its foreign equivalents, (ii) the timing, status and results of non-clinical work and clinical studies, including regulatory review thereof and (iii) the heavily regulated industry in which we operate our business generally;

uncertainty as to whether our product candidates will be safe and effective to support regulatory approvals;

significant uncertainty inherent in developing vaccines against bioterror threats, and manufacturing and conducting preclinical and clinical trials of vaccines;

our ability to obtain future financing or funds when needed, either through the raising of capital, the incurrence of convertible or other indebtedness or through strategic financing or commercialization partnerships;

that product development and commercialization efforts will be reduced or discontinued due to difficulties or delays in clinical trials or a lack of progress or positive results from research and development efforts;

our ability to obtain further grants and awards from the U.S. Government and other countries, and maintenance of our existing grants;

our ability to enter into any biodefense procurement contracts with the U.S. Government or other countries;

our ability to patent, register and protect our technology from challenge and our products from competition;

maintenance or expansion of our license agreements with our current licensors;

the protection and control afforded by our patents or other intellectual property, and any interest in patents or other intellectual property that we license, or our or our partners' ability to enforce our rights under such owned or licensed patents or other intellectual property;

changes in healthcare regulation;

changes in the needs of biodefense procurement agencies;

maintenance and progression of our business strategy;

the possibility that our products under development may not gain market acceptance;

our expectations about the potential market sizes and market participation potential for our product candidates may not be realized;

our expected revenues (including sales, milestone payments and royalty revenues) from our product candidates and any related commercial agreements of ours may not be realized;

the ability of our manufacturing partners to supply us or our commercial partners with clinical or commercial supplies of our products in a safe, timely and regulatory compliant manner and the ability of such partners to address any regulatory issues that have arisen or may in the future arise; and

competition existing today or that may arise in the future, including the possibility that others may develop technologies or products superior to our products.

You should also consider carefully the statements under “Risk Factors” in this prospectus, and documents incorporated herein by reference including Sections entitled “Business,” “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” incorporated by reference from our most recent Annual Report on Form 10-K and in our Quarterly Reports on Form 10-Q, as well as any amendments thereto, filed with the SEC, which address additional factors that could cause our actual results to differ from those set forth in the forward-looking statements and could materially and adversely affect our business, operating results and financial condition. All subsequent written and oral forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the applicable cautionary statements.

The forward-looking statements speak only as of the date on which they are made, and, except to the extent required by federal securities laws, we undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events. In addition, we cannot assess the impact of each factor on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements.

Industry Data and Market Information

This prospectus, any accompanying prospectus supplements and the documents incorporated herein by reference contain estimates, projections and other statistical data made by independent parties and by us relating to market size and growth, the potential value of government procurement contracts, the incidence of certain medical conditions and other industry data. These data, to the extent they contain estimates or projections, involve a number of subjective assumptions and limitations, and you are cautioned not to give undue weight to such estimates or projections. Industry publications and other reports we have obtained from independent parties generally state that the data contained in these publications or other reports have been obtained in good faith or from sources considered to be reliable, but they do not guarantee the accuracy or completeness of such data. While we believe that the data from these industry publications and other reports are generally reliable, we have not independently verified the accuracy or completeness of such data. These and other factors could cause results to differ materially from those expressed in these publications and reports.

We have provided estimates of the potential worldwide market or value of potential government procurement contracts for certain of our product candidates. These estimates are based on a number of factors, including our expectation as to the number of patients with a certain medical condition that would potentially benefit from a particular product candidate, the current costs of treating patients with the targeted medical condition, our expectation that we will be able to demonstrate to the FDA's satisfaction in our clinical trials that the product candidate is safe and effective, our belief that our product candidate would, if approved, have an assumed treatment cost per patient, historic values of government procurement contracts for vaccines, and our expectation of the dosage of the product candidate. While we have determined these estimates based on assumptions that we believe are reasonable, there are a number of factors that could cause our expectations to change or not be realized. Among these factors are the following: (1) there is no assurance that the product candidate will prove to be safe and effective or will ultimately be approved for sale by the FDA; (2) any FDA approval of the product candidate may contain restrictions on its use or require warning labels; (3) third party payors may not be willing to provide reimbursement for the product candidate at the assumed price per patient; (4) the government may not be willing to procure our vaccine candidates in amounts or at costs similar to its historic procurement activities; (5) the dosage that ultimately may be approved may be different from the assumed dosage; and (6) doctors may not adopt the product candidate for use as quickly or as broadly as we have assumed. It is possible that the ultimate market for a product candidate or value of procurement contracts will differ significantly from our expectations due to these or other factors. As a result of these and other factors, investors should not place undue reliance on such estimates.

About Our Company

We are a late-stage biopharmaceutical company focused on developing and commercializing products to treat rare diseases where there is an unmet medical need. We maintain two active business segments: BioTherapeutics and Vaccines/BioDefense.

Our BioTherapeutics business segment is developing a novel photodynamic therapy (SGX301) utilizing topical synthetic hypericin activated with safe visible fluorescent light for the treatment of cutaneous T-cell lymphoma ("CTCL"), our first-in-class innate defense regulator technology, dusquetide (SGX942) for the treatment of oral mucositis in head and neck cancer, and proprietary formulations of oral beclomethasone 17,21-dipropionate for the prevention/treatment of gastrointestinal ("GI") disorders characterized by severe inflammation, including pediatric Crohn's disease (SGX203) and acute radiation enteritis (SGX201).

Our Vaccines/BioDefense business segment includes active development programs for RiVax®, our ricin toxin vaccine candidate, OrbeShield®, our GI acute radiation syndrome ("GI ARS") therapeutic candidate and SGX943, our melioidosis therapeutic candidate. The development of our vaccine programs currently is supported by our heat stabilization technology, known as ThermoVax®, under existing and on-going government contract funding. With the government contract from the National Institute of Allergy and Infectious Diseases ("NIAID"), we will attempt to advance the development of RiVax® to protect against exposure to ricin toxin. We have advanced the development of OrbeShield® for the treatment of GI ARS with funds received under our awarded government contracts with the

Biomedical Advanced Research and Development Authority and grants from NIAID.

Our common stock and our common stock warrant issued in connection with our December 2016 public offering are traded on The NASDAQ Capital Market under the symbols “SNGX” and “SNGXW,” respectively. On May 1, 2017, the last reported sales prices of our common stock and our common stock warrant issued in connection with our 2016 public offering on The NASDAQ Capital Market were \$3.00 per share and \$0.76 per warrant.

Additional information regarding our company, including our audited financial statements and descriptions of our business, is contained in the documents incorporated by reference in this prospectus. See “Where You Can Find Additional Information” on page 1 and “Information Incorporated by Reference” beginning on page 2.

Risk Factors

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should carefully consider the risks and uncertainties set forth in the “Risk Factors” section of our most recent Annual Report on Form 10-K, as revised or supplemented by our Quarterly Reports on Form 10-Q filed with the SEC since the filing of our most recent Annual Report on Form 10-K, each of which is incorporated by reference into this prospectus, and you should also carefully consider any other information we include or incorporate by reference in this prospectus or include in any applicable prospectus supplement, including our financial statements and the related notes thereto. The risks and uncertainties described in our filings with the SEC and incorporated by reference into this prospectus are not the only ones we face. Additional risks and uncertainties not presently known to us, or that we currently believe are not material, also may become important factors that affect us and impair our business operations. The occurrence of any of the events or developments discussed in the risk factors described in our filings with the SEC could have a material and adverse impact on our business, results of operations, financial condition and cash flows, and in such case, our future prospects would likely be materially and adversely affected. If any of such events or developments were to happen, you could lose part or all of your investment. Further, our actual results could differ materially and adversely from those anticipated in our forward-looking statements as a result of certain factors.

Use of Proceeds

Unless otherwise indicated in a prospectus supplement or in any free writing prospectuses we have authorized for use in connection with a specific offering, we anticipate that the net proceeds from our sale of any securities offered hereunder, if any, will be used for general corporate purposes, which may include, among other things, working capital, product development, acquisitions, capital expenditures, repayment of debt and other business opportunities.

In addition to selling securities in capital raising transactions to support a higher level of growth, respond to competitive pressures, develop new products and services and support new strategic partnership expenditures, we may issue shares in connection with (i) the achievement of clinical development milestones under license or purchase agreements, such as the asset purchase agreement with Hy Biopharma Inc. pursuant to which we acquired assets related to the development of our synthetic hypericin product candidate for the treatment of cutaneous T-cell lymphoma (SGX301), and (ii) strategic partnering and/or acquisition transactions involving the issuance of our securities as well as to meet long-term corporate objectives, similar to the partnership established with SciClone Pharmaceuticals, Inc.

There is no guarantee that we will sell the securities described in this prospectus and, in the event that we do, there is no guarantee as to the total number of securities that we would sell, nor is there any guarantee as to the amount of net proceeds to be used specifically for the foregoing purposes. Our management will have significant discretion and flexibility in applying the net proceeds from the sale of these securities. Our plans to use the estimated net proceeds from the sale of these securities may change and, if they do, we will update this information in a prospectus supplement.

DESCRIPTIONS OF THE SECURITIES WE MAY OFFER

We may sell from time to time, in one or more offerings, shares of our common stock and/or preferred stock, warrants to purchase common stock and/or preferred stock, and units in one or more offerings, and/or units consisting of one or more of the foregoing securities.

The descriptions of the securities contained in this prospectus, together with the additional information we include in any applicable prospectus supplement or in any free writing prospectuses we have authorized for use in connection with a specific offering, summarize some of the terms and other provisions of the various types of securities that we may offer under this prospectus. These summary descriptions are not meant to be complete descriptions of each security. We will describe in the applicable prospectus supplement relating to a particular offering the specific terms of the securities offered under that prospectus supplement. The applicable prospectus supplement for a particular

security may specify different or additional terms.

DESCRIPTION OF CAPITAL STOCK

General

The following description of our common stock and preferred stock, together with the additional information we include in any applicable prospectus supplement or in any free writing prospectuses we have authorized for use in connection with a specific offering, summarizes some of the terms and provisions of the shares of our common stock and preferred stock that we may offer under this prospectus. These summary descriptions of our common stock and preferred stock are not meant to be complete descriptions of each security. For the complete terms of our common stock and preferred stock, please refer to our Certificate of Incorporation, as may be amended from time to time, any certificates of designation for our preferred stock that may be authorized from time to time, and our bylaws, as amended from time to time. The Delaware General Corporation Law may also affect the terms of these securities. While the terms we have summarized below will apply generally to any future common stock or preferred stock that we may offer under this prospectus, we will describe the specific terms of any series of these securities in more detail in the applicable prospectus supplement. The applicable prospectus supplement for a particular offering of our common stock or preferred stock may specify different or additional terms.

As of the date hereof, our authorized capital stock consists of 10,350,000 shares of capital stock, of which 10,000,000 shares are common stock, par value \$0.001 per share, 230,000 shares are undesignated preferred stock, 10,000 shares are Series B Convertible Preferred Stock, par value \$0.05 per share (none of which are currently outstanding), 10,000 shares are Series C Convertible Preferred Stock, par value \$0.05 per share (none of which are currently outstanding) and 100,000 shares are Series A Junior Participating Preferred Stock, par value \$0.001 per share (which are available for issuance under our shareholder rights plan). As of the date of this prospectus, there were issued and outstanding 5,472,532 shares of common stock, options to purchase 464,355 shares of common stock and warrants to purchase 2,853,575 shares of common stock.

On October 7, 2016, we effected a reverse stock split at a ratio of one-for-ten of all the issued and outstanding shares of our common stock. We also reduced our authorized shares of common stock from 100,000,000 to 10,000,000.

Common Stock

Holders of our common stock are entitled to one vote for each share held in the election of directors and in all other matters to be voted on by the stockholders. There is no cumulative voting in the election of directors. Holders of common stock are entitled to receive dividends as may be declared from time to time by our board of directors out of funds legally available therefor. In the event of liquidation, dissolution or winding up of the corporation, holders of common stock are to share in all assets remaining after the payment of liabilities. Holders of common stock have no pre-emptive or conversion rights and are not subject to further calls or assessments. There are no redemption or sinking fund provisions applicable to the common stock. The rights of the holders of the common stock are subject to any rights that may be fixed for holders of preferred stock. All of the outstanding shares of common stock are fully paid and non-assessable.

Preferred Stock

Our Certificate of Incorporation authorizes the issuance of 230,000 shares of undesignated preferred stock, 10,000 shares of Series B Convertible Preferred Stock, par value \$0.05 per share (“Series B Preferred Stock”), 10,000 shares of Series C Convertible Preferred Stock, par value \$0.05 per share (“Series C Preferred Stock”), and 100,000 shares of Series A Junior Participating Preferred Stock, par value \$0.001 per share (“Junior Preferred Stock”). Our board of directors is empowered, without stockholder approval, to designate and issue additional series of preferred stock with dividend, liquidation, conversion, voting or other rights, including the right to issue convertible securities with no limitations on conversion, which could adversely affect the voting power or other rights of the holders of our common stock, substantially dilute a common stockholder’s interest and depress the price of our common stock.

No shares of the Series B Preferred Stock, the Series C Preferred Stock or the Junior Preferred Stock are outstanding. Due to the terms of the Series C Preferred Stock, no additional shares of Series C Preferred Stock can be issued.

Series B Preferred Stock

Our board of directors has authorized the issuance of 10,000 shares of Series B Preferred Stock, 6,411 of which have been converted to common stock and therefore are not reissuable.

Voting

Each holder of Series B Preferred Stock is entitled to the number of votes equal to the number of whole shares of common stock into which the shares of Series Preferred Stock held by such holder is then convertible (as adjusted from time to time pursuant to our Certificate of Incorporation) with respect to any and all matters presented to the stockholders for their action or consideration. Except as provided by law, holders of Series B Preferred Stock vote together with the holders of common stock as a single class.

Dividends

The holders of the Series B Preferred Stock are entitled to a dividend of 8% per annum, payable annually in shares of Series B Preferred Stock. In addition, when and if our board of directors shall declare a dividend payable with respect to the then outstanding shares of common stock, the holders of the Series B Preferred Stock are entitled to the amount of dividends per share as would be payable on the largest number of whole shares of common stock into which each share of Series B Preferred Stock could then be converted.

Conversion

Each share of Series B Cumulative Convertible Preferred is convertible into 1.333 shares of common stock. The conversion ratio is subject to an adjustment upon the issuance of additional shares of common stock for a price below the closing price of the common stock and equitable adjustment for stock splits, dividends, combinations, reorganizations and similar events.

Liquidation

In the event of liquidation, dissolution or winding up of the company, the holders of Series B Preferred Stock then outstanding will be entitled to be paid an amount equal to \$1,000 per share (subject to adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization affecting such shares pursuant to our Certificate of Incorporation), plus any dividends declared but unpaid thereon before any payment is made to the holders of common stock, Junior Preferred Stock or any other class or series of stock ranking on liquidation junior to the Series B Preferred Stock. After the holders of the Series B Preferred Stock have been paid in full, the remaining assets of the company will be distributed to the holders of Junior Preferred Stock and common stock, subject to the preferences of the Junior Preferred Stock.

Redemption

Subject to certain conditions, after the second anniversary of the issuance of the Series B Preferred Stock, the company will have the right, but not the obligation, to redeem the then-outstanding shares of Series B Preferred Stock for cash in an amount calculated pursuant to the terms of our Certificate of Incorporation.

Junior Preferred Stock

Voting

The holders of the Junior Preferred Stock will have 10,000 votes per share of Junior Preferred Stock on all matters submitted to a vote of our stockholders, including the election of directors.

Dividends

If our board of directors declares or pays dividends on common stock, the holders of the Junior Preferred Stock would be entitled to receive a per share dividend payment of 10,000 times the dividend declared per share of common stock. In the event we make a distribution on the common stock, the holders of the Junior Preferred Stock will be entitled to a per share distribution, in like kind, of 10,000 times such distribution made per share of common stock. In the event of any merger, consolidation or other transaction in which shares of common stock are exchanged, each share of Junior Preferred Stock will be entitled to receive 10,000 times the amount received per share of common stock. These rights are protected by customary anti-dilution provisions.

Liquidation

Upon any liquidation, dissolution or winding up, no distribution may be made to the holders of shares of stock ranking junior to the Junior Preferred Stock unless the holders of the Junior Preferred Stock have received the greater of (i) \$37.00 per one one-thousandth share plus an amount equal to accrued and unpaid dividends and distributions thereon, and (ii) an amount equal to 10,000 times the aggregate amount to be distributed per share to holders of common stock. Further, no distribution may be made to the holders of stock ranking on a parity upon liquidation, dissolution or winding up with the Junior Preferred Stock, unless distributions are made ratably on the Junior Preferred Stock and all other shares of such parity stock in proportion to the total amounts to which the holders of the Junior Preferred Stock are entitled above and to which the holders of such parity shares are entitled.

Outstanding Warrants

2013 Warrants

On June 25, 2013, we consummated a public offering of an aggregate of 677,400 shares of common stock, together with warrants to purchase up to 508,050 shares of common stock. In connection with the offering, we also issued the placement agent a warrant to purchase up to 33,609 shares of common stock. Such warrants may be exercised on a “cashless” basis. We refer to the warrants issued to the investors and the placement agent in connection with the offering as the “2013 Warrants.”

As of May 1, 2017, 261,250 shares of common stock remain issuable upon the exercise of the 2013 Warrants, which expire in June 2018.

As of May 1, 2017, the 2013 Warrants were exercisable to purchase shares of common stock at \$0.80 per share. The exercise price and the number of shares of common stock purchasable upon the exercise of each 2013 Warrant are subject to adjustment upon the happening of certain events, such as stock dividends, distributions, and splits.

2014 Warrants

On December 24, 2014, we consummated a public offering of an aggregate of 188,653 shares of common stock, together with warrants to purchase up to 113,192 shares of common stock. In connection with the offering, we also issued the underwriter a warrant to purchase up to 3,740 shares of common stock. We refer to the warrants issued to the investors and the underwriter in connection with the offering as the “2014 Warrants.”

As of May 1, 2017, 110,932 shares of common stock remain issuable upon the exercise of the 2014 Warrants, which expire in 2019.

As of May 1, 2017, the 2014 Warrants were exercisable to purchase shares of common stock at \$14.80 per share. The exercise price and the number of shares of common stock purchasable upon the exercise of each 2014 Warrant are subject to adjustment upon the happening of certain events, such as stock dividends, distributions, and splits.

2016 Warrants

On December 16, 2016, we consummated a public offering of an aggregate of 1,670,000 shares of common stock, together with warrants to purchase up to 2,370,005 shares of common stock. In connection with the offering, we also issued the underwriter a warrant to purchase up to 33,400 shares of common stock. We refer to the warrants issued to the investors and the underwriter in connection with the offering as the “2016 Warrants.”

As of May 1, 2017, 2,403,405 shares of common stock remain issuable upon the exercise of the 2016 Warrants. The 2016 Warrants issued to investors were exercisable upon issuance and expire in 2021, and the 2016 Warrants issued to the underwriter will become exercisable in December 2017 and will expire in 2021.

As of May 1, 2017, the exercise price of the 2016 Warrants was \$3.95 per share. The exercise price and the number of shares of common stock purchasable upon the exercise of each 2016 Warrant are subject to adjustment upon the happening of certain events, such as stock dividends, distributions, and splits.

Other Warrants

As of May 1, 2017, we also had outstanding warrants, other than the 2013 Warrants, the 2014 Warrants and the 2016 Warrants, to purchase 77,988 shares of common stock, all of which are exercisable at a weighted average exercise price of approximately \$5.67 per share.

Delaware Anti-Takeover Statute

We are subject to the provisions of Section 203 of the Delaware General Corporation Law regulating corporate takeovers. In general, Section 203 prohibits a publicly held Delaware corporation from engaging, under certain circumstances, in a business combination with an interested stockholder for a period of three years following the date the person became an interested stockholder unless:

prior to the date of the transaction, our board of directors approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;

upon completion of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, calculated as provided under Section 203; or

at or subsequent to the date of the transaction, the business combination is approved by our board of directors and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least two-thirds of the outstanding voting stock which is not owned by the interested stockholder.

Generally, a business combination includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. An interested stockholder is a person who, together with affiliates and associates, owns or, within three years prior to the determination of interested stockholder status, did own 15% or more of a corporation's outstanding voting stock. We expect the existence of this provision to have an anti-takeover effect with respect to transactions our board of directors does not approve in advance. We also anticipate that Section 203 may also discourage attempts that might result in a premium over the market price for the shares of common stock held by stockholders.

Anti-Takeover Provisions

Provisions in our Certificate of Incorporation, by-laws and stockholder rights plan may discourage certain types of transactions involving an actual or potential change of control of our company which might be beneficial to us or our security holders.

As noted above, our Certificate of Incorporation permits our board of directors to issue shares of any class or series of preferred stock in the future without stockholder approval and upon such terms as our board of directors may determine. The rights of the holders of common stock will be subject to, and may be adversely affected by, the rights of the holders of any class or series of preferred stock that may be issued in the future.

Our bylaws generally provide that any board vacancy, including a vacancy resulting from an increase in the authorized number of directors, may be filled by a majority of the directors, even if less than a quorum.

Additionally, our bylaws provide that stockholders must provide timely notice in writing to bring business before an annual meeting of shareholders or to nominate candidates for election as directors at an annual meeting of shareholders. Notice for an annual meeting is timely if our Secretary receives the written notice not less than 45 days and no more than 75 days prior to the anniversary of the date that we mailed proxy materials for the preceding year's annual meeting. However, if the date of the annual meeting is advanced more than thirty (30) days prior to, or delayed by more than thirty (30) days after, the anniversary of the preceding year's annual meeting, notice by the stockholder to be timely must be delivered not later than the close of business on the later of (i) the 90th day prior to such annual meeting or (ii) the 10th day following the day on which public announcement of the date of such annual meeting is first made. Our bylaws also specify the form and content of a shareholder's notice. These provisions may prevent shareholders from bringing matters before an annual meeting of shareholders or from making nominations for directors at an annual meeting of shareholders.

Shareholder Rights Plan

On June 22, 2007, our board of directors adopted a shareholder rights plan for our company and in connection therewith declared a dividend of one preferred share purchase right for each outstanding share of common stock. Each Right entitles the registered holder to purchase one one-thousandth of a share of our Junior Preferred Stock at a price of \$37.00 per one one-thousandth of a share, subject to certain adjustments. Initially, the rights are not exercisable, but become exercisable upon the earlier of (i) 10 days following a public announcement that a person or group of affiliated or associated persons, with certain exceptions, has acquired beneficial ownership of 15% or more of the then outstanding common stock or (ii) 10 business days following the commencement of, or announcement of an intention to make, a tender offer or exchange offer the consummation of which would result in the beneficial ownership by a person or group of 15% or more of such outstanding common stock.

Our board may redeem all of the rights for \$0.10 per right at any time before the earlier of (i) the time the rights become exercisable or (ii) July 1, 2017, the date the rights expire.

Transfer Agent

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company, LLC. Its address is 6201 15th Avenue, Brooklyn, NY 11219 and its telephone number is (718) 921-8200.

Listing

Our common stock and the 2016 Warrants are listed on The NASDAQ Capital Market under the symbols “SNGX” and “SNGXW,” respectively.

DESCRIPTION OF WARRANTS

The following description, together with the additional information we include in any applicable prospectus supplement or in any free writing prospectuses we have authorized for use in connection with a specific offering, summarizes some of the terms and other provisions of the warrants to purchase our common stock and/or preferred stock that we may offer under this prospectus. We may issue warrants in one or more series independently or together

with other securities. Each warrant will entitle the holder to purchase for cash a number of shares of our common stock and/or preferred stock at the exercise price as will in each case be described in, or can be determined from, the applicable prospectus supplement relating to the offered warrants. We will issue warrants under one or more warrant agreements between us and a warrant agent that we will name in the prospectus supplement.

This summary description of some of the terms and other provisions of the warrants that may be offered under this prospectus is not complete and is qualified in its entirety by reference to the form of warrant and/or the warrant agreement and warrant certificate and any supplemental agreements applicable to a particular series of warrants that we may offer under this prospectus. We will file with the SEC the form of warrant and/or the warrant agreement and warrant certificate, as applicable, that contain the terms of the particular series of warrants we are offering, and any supplemental agreements, before the issuance of such warrants. The following summary description of some of the terms and other provisions of the warrants are subject to, and qualified in their entirety by reference to, all the provisions of the form of warrant and/or the warrant agreement and warrant certificate, as applicable, and any supplemental agreements applicable to a particular series of warrants that we may offer under this prospectus.

While the terms we have summarized below will apply generally to any warrants that we may offer under this prospectus, we will describe the particular terms of any series of offered warrants in more detail in the applicable prospectus supplement. The following description of warrants will apply to the warrants offered under this prospectus unless we provide otherwise in the applicable prospectus supplement. The applicable prospectus supplement for a particular series of warrants may specify different or additional terms.

We urge you to read the applicable prospectus supplement related to the particular series of warrants that we may offer under this prospectus, as well as any related free writing prospectuses, and the complete form of warrant and/or the warrant agreement and warrant certificate, as applicable, and any supplemental agreements, that contain the terms of the warrants.

The applicable prospectus supplement relating to a series of warrants offered under this prospectus will describe the following terms, where applicable, of such offered warrants:

the offering price and aggregate number of warrants offered;

the currency for which the warrants may be purchased;

if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each such security or each principal amount of such security;

the number of shares of common stock or preferred stock, as the case may be, purchasable upon the exercise of one warrant and the price at which these shares may be purchased upon such exercise;

the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreements and the warrants;

the terms of any rights to redeem or call the warrants;

the terms of any right of ours to accelerate the exercisability of the warrants;

any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;

the dates on which the right to exercise the warrants will commence and expire;

the manner in which the warrant agreements and warrants may be modified;

where the warrant certificates may be transferred and exchanged;

the date, if any, on and after which the warrants and the related shares of common stock or other securities will be separately transferable;

the terms of the securities issuable upon exercise of the warrants; and

any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

The applicable prospectus supplement relating to a series of warrants offered under this prospectus may also include, if applicable, a discussion of certain U.S. federal income tax and ERISA considerations.

Each warrant will entitle the holder to purchase common stock and/or preferred stock as specified in the applicable prospectus supplement and warrant agreement at the exercise price set forth in, or calculable as set forth in, the applicable prospectus supplement and warrant agreement. The warrants may be exercised as set forth in the prospectus supplement and warrant agreement. Warrants will be exercisable for U.S. dollars only. Unless we otherwise specify in the applicable prospectus supplement and warrant agreement, warrants may be exercised at any time up to the close of business on the expiration date set forth in the applicable prospectus supplement and warrant agreement. We will specify the place or places where, and the manner in which, warrants may be exercised in the applicable prospectus supplement and warrant agreement. After the close of business on the expiration date, unexercised warrants will become void.

Upon receipt of payment and the warrant or warrant certificate, as applicable, properly completed and duly executed at the corporate trust office of the warrant agent, if any, or any other office, including ours, indicated in the applicable prospectus supplement, we will, as soon as practicable, issue and deliver the common stock and/or preferred stock purchasable upon such exercise. If less than all of the warrants (or the warrants represented by such warrant certificate) are exercised, a new warrant or a new warrant certificate, as applicable, will be issued for the remaining warrants.

Prior to the exercise of any warrants to purchase common stock and/or preferred stock, holders of the warrants will not have any of the rights of holders of the common stock or preferred stock purchasable upon exercise, including, the right to vote or to receive any payments of dividends on the common stock or preferred stock purchasable upon exercise.

DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other securities described in this prospectus or in any prospectus supplement in any combination. Each unit will be issued so that the holder of the unit is also the holder, with the rights and obligations of a holder, of each security included in the unit. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date or upon the occurrence of a specified event or occurrence.

The applicable prospectus supplement relating to units offered under this prospectus will describe the following terms, where applicable, of such units:

the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;

any unit agreement under which the units will be issued;

any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and

whether the units will be issued in fully registered or global form.

Plan of Distribution

We may sell the securities described in this prospectus separately or together from time to time in one or more transactions on a continuous or delayed basis through one or more underwriters or dealers, through agents, or directly to one or more purchasers, in private transactions, at a fixed price or prices, which may be changed, or from time to time at market prices prevailing at the time of sale, at prices related to the prevailing market prices, or at negotiated prices. The securities may be sold through a rights offering, forward contracts or similar arrangements. We may also sell and distribute the securities offered under this prospectus from time to time in one or more transactions, including in “at the market offerings” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise.

Each time that we use this prospectus to sell the securities described herein, we will describe the method of distribution and the terms of the offering of the securities offered hereunder in a prospectus supplement, information incorporated by reference or other offering material, including:

the name or names of the underwriters, dealers or agent, if any;

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

any over-allotment options under which underwriters may purchase additional securities from us;

any underwriting discounts and other items constituting compensation to underwriters, dealers or agents;

any initial public offering price;

any discounts or concessions allowed or reallocated or paid to dealers; and

any securities exchange or market on which the common stock may be listed.

Only underwriters we name in the prospectus supplement, information incorporated by reference or other offering material are underwriters of the securities offered thereunder. Any underwritten offering may be on a best efforts or a firm commitment basis.

If we use underwriters in the sale, they will acquire the securities for their own account and may resell them 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. The obligations of the underwriters to purchase securities will be subject to the conditions set forth in the applicable underwriting agreement. We may offer the securities to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all the securities offered by the prospectus supplement, information incorporated by reference or other offering material. In connection with the sale of securities, underwriters may receive compensation from us or from purchasers of securities for whom they may act as agents. This compensation may be in the form of discounts, concessions or commissions.

Underwriters may sell securities to or through dealers, and these dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. Underwriters, dealers and agents that participate in the distribution of securities could be considered underwriters, and any discounts or commissions received by them from us and any profit on the resale of securities by them could be considered underwriting discounts and commissions, under the Securities Act. Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may change from time to time.

If we sell securities to a dealer, we will sell the securities to the dealer, as principal. The name of the dealer and the terms of the transaction will be set forth in the prospectus supplement, information incorporated by reference or other offering material. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

We may sell 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, information incorporated by reference or other offering material. Unless the prospectus supplement states otherwise, our agent will act on a best-efforts basis for the period of its appointment.

Unless otherwise specified in the applicable prospectus supplement, each series of securities will be a new issue with no established trading market, other than shares of our common stock, which are listed on The NASDAQ Capital Market. Any common stock sold pursuant to a prospectus supplement will be listed on The NASDAQ Capital Market, subject to official notice of issuance. We may elect to list any series of preferred stock, warrants or units on an exchange, but we are not obligated to do so. It is possible that one or more underwriters 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. No assurance can be given as to the liquidity of, or the trading market for, any offered securities.

In connection with an offering, the underwriters may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in an offering. Stabilizing transactions consist of bids or purchases made for the purpose of preventing or retarding a decline in the market price of the securities while an offering is in progress. The underwriters also may impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the underwriters have repurchased securities sold by or for the account of that underwriter in stabilizing or short-covering transactions. These activities by the underwriters may stabilize, maintain or otherwise affect the market price of the securities. As a result, the price of the securities may be higher than the price that otherwise might exist in the open market. If these activities are commenced, they may be discontinued by the underwriters at any time. Underwriters may engage in overallotment. If any underwriters create a short position in the securities in an offering in which they sell more securities than are set forth on the cover page of the applicable prospectus supplement, the underwriters may reduce that short position by purchasing the securities in the open market.

Under agreements entered into by us for the purchase or sale of securities, underwriters and their controlling persons, dealers and agents may be entitled to indemnification by us against certain liabilities, including liabilities under the Securities Act, or to contribution with respect to payments which they may be required to make in respect thereof. Underwriters, dealers or agents that participate in the offer of securities, or their affiliates or associates, may have engaged or engage in transactions with and perform services for, us or our affiliates in the ordinary course of business for which they may have received or receive customary fees and reimbursement of expenses.

Legal Matters

Unless otherwise specified in the applicable prospectus supplement, the validity of the securities being offered under this prospectus has been passed upon for us by Duane Morris LLP, Miami, Florida, and for any underwriters or agents by counsel named in the applicable prospectus supplement.

Experts

The consolidated balance sheets of Soligenix, Inc. as of December 31, 2016 and 2015, and the related consolidated statements of operations, stockholders' equity (deficiency), and cash flows for each of the years then ended, have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report which is incorporated herein by reference. Such financial statements have been incorporated herein by reference in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

1,575,500 Shares

Soligenix, Inc.

COMMON STOCK

Aegis Capital Corp

PROSPECTUS SUPPLEMENT

Dated October 31, 2017

