



**5,271,015 Shares
Common Stock**

This prospectus relates to the offer and sale by us of 5,271,015 shares of our common stock, par value \$0.001 per share, that are issuable upon the exercise of warrants, of which (i) warrants to purchase 798,810 shares of our common stock at an exercise price of \$20.00 per share were originally issued by us on March 8, 2018, pursuant to a prospectus dated November 16, 2015, and a related prospectus supplement dated March 6, 2018, and (ii) warrants to purchase 4,472,205 shares of our common stock at an exercise price of \$11.00 per share were originally issued by us on December 12, 2019, pursuant to a prospectus dated September 14, 2018, and a related prospectus supplement dated December 10, 2019. We will receive the proceeds from any cash exercises of the warrants. Each warrant is exercisable at any time until its expiration date, which date is March 8, 2023 for the warrants referenced in (i) above, and December 2, 2021 for the warrants referenced in (ii) above. If all of the warrants are exercised, we will receive aggregate proceeds of approximately \$65.2 million.

Our common stock is quoted on The Nasdaq Global Market under the symbol "SCYX." On September 15, 2021, the last reported sale price of our common stock was \$5.90 per share.

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 this prospectus and in any free writing prospectuses we have authorized for use in connection with this offering, and under similar headings in the other documents that are incorporated by reference into this prospectus.

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

The date of this prospectus is September 15, 2021.

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ABOUT THIS PROSPECTUS

This prospectus relates to the offering of our common stock. Before buying any of the common stock that we are offering, we urge you to carefully read this prospectus, together with the information incorporated by reference as described under the headings “Where You Can Find More Information” and “Incorporation of Certain Information by Reference” in this prospectus. These documents contain important information that you should consider when making your investment decision.

This prospectus describes the specific terms of the securities we are offering and also adds to, and updates information contained in the documents incorporated by reference into this prospectus. To the extent there is a conflict between the information contained in this prospectus, on the one hand, and the information contained in any document incorporated by reference into this prospectus that was filed with the Securities and Exchange Commission, or SEC, before the date of this prospectus, on the other hand, you should rely on the information in this prospectus. If any statement in one of these documents is inconsistent with a statement in another document having a later date — for example, a document incorporated by reference into this prospectus — the statement in the document having the later date modifies or supersedes the earlier statement.

You should rely only on the information contained in, or incorporated by reference into, this prospectus and in any free writing prospectus that we may authorize for use in connection with this offering. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell or soliciting an offer to buy our securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making that offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation. You should assume that the information appearing in this prospectus, the documents incorporated by reference into this prospectus, and in any free writing prospectus that we may authorize for use in connection with this offering, is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. You should read this prospectus, the documents incorporated by reference into this prospectus, and any free writing prospectus that we may authorize 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 captioned “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.”

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the section captioned “Where You Can Find More Information.”

This prospectus contains and incorporates by reference market data and industry statistics and forecasts that are based on independent industry publications and other publicly available information. Although we believe these sources are reliable, we do not guarantee the accuracy or completeness of this information and we have not independently verified this information. Although we are not aware of any misstatements regarding the market and industry data presented in this prospectus and the documents incorporated herein by reference, these estimates involve risks and uncertainties and are subject to change based on various factors, including those discussed under the heading “Risk Factors” contained in this prospectus and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus. Accordingly, investors should not place undue reliance on this information.

This prospectus and the information incorporated herein by reference include trademarks, service marks and trade names owned by us or other companies. All trademarks, service marks and trade names included or incorporated by reference into this prospectus or any related free writing prospectus are the property of their respective owners.

PROSPECTUS SUMMARY

This summary highlights selected information contained elsewhere in this prospectus or incorporated by reference in this prospectus, and does not contain all of the information that you need to consider in making your investment decision. You should carefully read the entire prospectus and any related free writing prospectus, including the risks of investing in our securities discussed under the heading "Risk Factors" contained in this prospectus and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus. You should also carefully read the information incorporated by reference into this prospectus, including our financial statements, and the exhibits to the registration statement of which this prospectus is a part.

References in this prospectus to "SCYNEXIS", "the Company," "we", "us" and "our" refer to SCYNEXIS, Inc., a Delaware corporation, and its consolidated subsidiaries, if any, unless otherwise specified.

SCYNEXIS, Inc.

Overview

SCYNEXIS, Inc. is pioneering innovative medicines to potentially help millions of patients worldwide in need of new options to overcome and prevent difficult-to-treat and drug-resistant infections. We are developing our lead product candidate, ibrexafungerp, as a broad-spectrum, intravenous (IV)/oral agent for multiple fungal indications in both the community and hospital settings. In June 2021, we announced that the U.S. Food and Drug Administration (FDA) approved BREXAFEMME[®] (ibrexafungerp 150mg tablets) for oral use in patients with vulvovaginal candidiasis (VVC), also known as vaginal yeast infection, and we have commenced the commercialization of BREXAFEMME in the U.S. We are also continuing late-stage clinical development of ibrexafungerp for the prevention of recurrent VVC as well as the treatment of life-threatening invasive fungal infections in hospitalized patients.

Ibrexafungerp, the first representative of a novel class of antifungal agents called triterpenoids and designated by the suffix "-fungerp", is a structurally distinct glucan synthase inhibitor and has shown *in vitro* and *in vivo* activity against a broad range of human fungal pathogens such as *Candida* and *Aspergillus* species, including multidrug-resistant strains, as well as *Pneumocystis*, *Coccidioides*, *Histoplasma* and *Blastomyces* species. *Candida* and *Aspergillus* species are the fungi responsible for approximately 85% of all invasive fungal infections in the United States (U.S.) and Europe. To date, we have characterized the antifungal activity, pharmacokinetics, and safety profile of the oral and IV formulations of ibrexafungerp in multiple *in vitro*, *in vivo*, and clinical studies. The FDA has granted Qualified Infectious Disease Product (QIDP) and Fast Track designations to ibrexafungerp for the indications of VVC (including the treatment of VVC episodes and the prevention of recurrent VVC), invasive candidiasis (IC) (including candidemia), and invasive aspergillosis (IA), and has granted Orphan Drug designations for the IC and IA indications. These designations may provide us with additional market exclusivity and expedited regulatory paths.

Company Information

We were originally incorporated in Delaware in November 1999 as ScyRex, Inc. We subsequently changed our name to SCYNEXIS Chemistry & Automation, Inc. in April 2000 and to SCYNEXIS, Inc. in June 2002. Our principal executive offices are located at 1 Evertrust Plaza, 13th Floor, Suite 3610, Jersey City, NJ 07302-6548, and our telephone number is (201) 884-5485. Our website address is www.scynexis.com. The information contained on our website is not incorporated by reference into this prospectus, and you should not consider any information contained on, or that can be accessed through, our website as part of this prospectus or in deciding whether to purchase our securities.

Risk Factors Associated with Our Business

Our business is subject to numerous risks, as more fully described in the section captioned "Risk Factors" immediately following this prospectus summary. You should read these risks, and the risks incorporated by reference into this prospectus, before you invest in our common stock. In particular, our risks include, but are not limited to, the following:

- We have never been profitable, we only have one product approved for commercial sale, BREXAFEMME (ibrexafungerp 150mg tablets) for oral use in patients with VVC, which was only approved by the FDA in June 2021. As a result, our ability to curtail our losses and reach profitability is unproven, and we may never achieve or sustain profitability;
- We may continue to require substantial additional capital, and if we are unable to raise capital when needed we would be forced to delay, reduce or eliminate our development program for ibrexafungerp;

- We cannot be certain that ibrexafungerp for additional indications will receive regulatory approval, and without regulatory approval we will not be able to market ibrexafungerp for additional indications. Regulatory approval is a lengthy, expensive and uncertain process;
- Although both the oral and IV formulations of ibrexafungerp have been granted Qualified Infectious Disease Product status and Fast Track designation for invasive candidiasis and invasive aspergillosis, this does not guarantee that the length of the FDA review process will be significantly shorter than otherwise, or that ibrexafungerp for additional indications will ultimately be approved by the FDA;
- Delays in the commencement, enrollment and completion of clinical trials could result in increased costs to us and delay or limit our ability to obtain regulatory approval for ibrexafungerp for additional indications or any future product candidates;
- Clinical failure can occur at any stage of clinical development. Because the results of earlier clinical trials are not necessarily predictive of future results, any product candidate we or our current or potential future partners advance through clinical trials may not have favorable results in later clinical trials or receive regulatory approval;
- The environment in which our regulatory submissions may be reviewed changes over time, which may make it more difficult to obtain regulatory approval of any of our product candidates we may seek to develop or commercialize; and
- Even though we have obtained regulatory approval of BREXAFEMME (ibrexafungerp 150mg tablets) for oral use in patients with VVC, and even if we are able to obtain regulatory approval of our product candidates, there is no guarantee that payors, physicians or patients will perceive the benefits of BREXAFEMME or any approved product candidates as we do, or that they will be commercially successful.

Reverse Stock Split

On July 16, 2020, we filed a Certificate of Amendment to its Amended and Restated Certificate of Incorporation (the "Amendment"), which became effective on Friday, July 17, 2020, (a) implementing a 1-for-10 reverse stock split of our common stock and (b) decreasing the number of authorized shares of our common stock from 250,000,000 shares to 100,000,000 shares. All share and per share amounts presented in this prospectus have been retroactively adjusted for the reverse stock split. The reverse stock split affected all shares of our common stock outstanding immediately prior to the effective time of the reverse stock split, as well as the number of shares of common stock available for issuance under our equity incentive plans. In addition, the reverse stock split effected a reduction in the number of shares of common stock issuable upon the conversion of outstanding convertible notes or upon the exercise of stock options or warrants outstanding, and the maximum number of shares that may be issued pursuant to the Purchase Agreement.

The Offering

This offering involves the offer and sale by us 5,271,015 shares of our common stock issuable upon the exercise of warrants, consisting of (i) warrants to purchase 798,810 shares of our common stock at an exercise price of \$20.00 per share originally issued by us on March 8, 2018, and (ii) warrants to purchase 4,472,205 shares of our common stock at an exercise price of \$11.00 per share originally issued by us on December 12, 2019. Each warrant is exercisable at any time until its expiration date, which date is March 8, 2023 for the warrants referenced in (i) above, and December 2, 2021 for the warrants referenced in (ii) above. Upon exercise of the warrants for cash, the holders of the warrants would pay us the exercise price per share of common stock, or an aggregate of approximately \$65.2 million if the warrants are exercised in full for cash.

Use of Proceeds

We currently intend to use the net proceeds from the sale of the common stock offered by us hereunder, if any, for working capital and general corporate purposes, including research and development expenses and capital expenditures. See "Use of Proceeds" in this prospectus.

Risk Factors

Investing in our common stock involves a high degree of risk. Please read the information contained in and incorporated by reference under the heading "Risk Factors" on page 3 of this prospectus, and under similar headings in the other documents that are filed after the date hereof and incorporated by reference into this prospectus.

The Nasdaq Global Market Listing

Our common stock is listed on The Nasdaq Global Market under the symbol "SCYX."

RISK FACTORS

Investing in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the risks and uncertainties described below and discussed under the heading "Risk Factors" contained in our most recent Annual Report on Form 10-K, and in our most recent Quarterly Report on Form 10-Q, as well as any amendments thereto reflected in subsequent filings with the SEC, which are incorporated by reference into this prospectus in their entirety, together with other information in this prospectus, the documents incorporated by reference and any free writing prospectus that we may authorize for use in connection with this offering. The risks described in these documents are not the only ones we face, but those that we consider to be material. There may be other unknown or unpredictable economic, business, competitive, regulatory or other factors that could have material adverse effects on our future results. Past financial performance may not be a reliable indicator of future performance, and historical trends should not be used to anticipate results or trends in future periods. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our common stock to decline, resulting in a loss of all or part of your investment. Please also read carefully the section below captioned "Special Note Regarding Forward-Looking Statements."

Additional Risks Related to This Offering

Management will have broad discretion as to the use of the proceeds from this offering, and may not use the proceeds effectively.

Because we have not designated the amount of net proceeds from this offering to be used for any particular purpose, our management will have broad discretion as to the application of the net proceeds from this offering and could use them for purposes other than those contemplated at the time of the offering. Our management may use the net proceeds for corporate purposes that may not improve our financial condition or market value.

You may experience immediate and substantial dilution.

The offering price per share in this offering may exceed the net tangible book value per share of our common stock outstanding prior to this offering. Assuming that all 5,271,015 shares of our common stock are sold in this offering upon the exercise of the warrants for cash, you will experience immediate dilution, representing the difference between the price you pay and our as adjusted net tangible book value per share as of June 30, 2021, after giving effect to this offering, of \$7.6 per share in the case of the exercise of warrants with an exercise price of \$20.00 per share, and \$16.6 per share in the case of the exercise of warrants with an exercise price of \$11.00 per share. The exercise of outstanding stock options and other warrants may result in further dilution of your investment. See the section titled "Dilution" below for a more detailed illustration of the dilution you would incur if you participate in this offering.

You may experience future dilution as a result of future equity offerings.

To raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price per share in this offering. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock, or securities convertible or exchangeable into common stock, in future transactions may be higher or lower than the price per share paid by investors in this offering.

We do not intend to pay dividends in the foreseeable future.

We have never paid cash dividends on our common stock and currently do not plan to pay any cash dividends in the foreseeable future.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents we have filed with the SEC that are incorporated by reference contain “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These statements relate to future events or to our future operating or financial performance and involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performances or achievements expressed or implied by the forward-looking statements. Forward-looking statements include, but are not limited to, statements about:

- our ability to successfully market BREXAFEMME;
- our ability to successfully develop ibrexafungerp, including an IV formulation of ibrexafungerp;
- our expectations regarding the benefits we will obtain from the oral and IV form of ibrexafungerp having been designated as a QIDP;
- our ability to obtain FDA approval of ibrexafungerp;
- our expectations regarding the devotion of our resources;
- our expected uses of the net proceeds to us from any specific offering;
- the expected costs of studies and when they will begin;
- our ability to scale up manufacturing to commercial scale;
- our reliance on third parties to conduct our clinical studies;
- our reliance on third-party contract manufacturers to manufacture and supply commercial supplies of ibrexafungerp for us;
- our expectations regarding the marketing of ibrexafungerp should we receive regulatory approval;
- our estimates of our expenses, ongoing losses, future revenue, capital requirements and our needs for or ability to obtain additional financing;
- our financial performance; and
- developments and projections relating to our competitors or our industry.

In some cases, you can identify forward-looking statements by terms such as “may,” “will,” “should,” “could,” “would,” “expect,” “plan,” “anticipate,” “believe,” “estimate,” “project,” “predict,” “potential” and similar expressions intended to identify forward-looking statements. These statements reflect our current views with respect to future events and are based on assumptions and are subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. We discuss in greater detail many of these risks under the heading “Risk Factors” contained in this prospectus, and in our most recent annual report on Form 10-K and in our most recent quarterly report on Form 10-Q, as well as any amendments thereto reflected in subsequent filings with the SEC, which are incorporated by reference into this prospectus in their entirety. Also, these forward-looking statements represent our estimates and assumptions only as of the date of the document containing the applicable statement. Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements. You should read this prospectus together with the documents we have filed with the SEC that are incorporated by reference and any free writing prospectus that we may authorize for use in connection with this offering completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements.

USE OF PROCEEDS

We currently intend to use the net proceeds from the sale of the common stock offered by us hereunder, if any, for working capital and general corporate purposes, including research and development expenses and capital expenditures.

The amounts and timing of our use of the net proceeds from this offering will depend on a number of factors, such as the timing and progress of our research and development efforts, the timing and progress of any partnering and commercialization efforts, technological advances and the competitive environment for our products. As of the date of this prospectus, we cannot specify with certainty all of the particular uses for the net proceeds to us from the sale of the securities offered by us hereunder. Accordingly, our management will have broad discretion in the timing and application of these proceeds. Pending application of the net proceeds as described above, we intend to temporarily invest the proceeds in short-term, interest-bearing instruments.

DILUTION

If you purchase common stock upon the exercise of your warrant, your ownership interest will be diluted to the extent of the difference between the exercise price per share and the as adjusted net tangible book value per share after giving effect to this offering. We calculate net tangible book value per share by dividing the net tangible book value, which is tangible assets less total liabilities, by the number of outstanding shares of our common stock. Dilution represents the difference between the portion of the amount per share paid by purchasers of shares in this offering and the as adjusted net tangible book value per share of our common stock immediately after giving effect to this offering. Our net tangible book value as of June 30, 2021, was approximately \$31.6 million, or \$1.36 per share.

After giving effect to the sale of 4,472,205 shares and 798,810 shares of our common stock to new investors exercising warrants for cash at \$11.00 per share and \$20.00 per share, respectively, as applicable, our net tangible book value as of June 30, 2021, would have been \$96.6 million, or \$3.40 per share of common stock. This represents an immediate increase in the net tangible book value of \$2.04 per share to our existing stockholders and an immediate dilution in net tangible book value of: \$7.60 per share to new investors exercising warrants for cash at \$11.00 per share; and \$16.60 per share to new investors exercising warrants for cash at \$20.00 per share. The following table illustrates this per share dilution:

Offering price per share		\$	11.00	\$	20.00	
Net tangible book value per share as of June 30, 2021	\$	1.36				
Increase in net tangible book value per share attributable to new investors in offering	\$	<u>2.04</u>				
As adjusted net tangible book value per share as of June 30, 2018, after giving effect to this offering			\$	<u>3.40</u>	\$	<u>3.40</u>
Dilution per share to investors purchasing shares in this offering			\$	7.60	\$	16.60

The table above assume for illustrative purposes that all 5,271,015 shares of common stock are sold in this offering upon the exercise of the warrants for cash.

The above discussion and table are based on 23,147,552 shares of our common stock issued and outstanding as of June 30, 2021, and exclude the following, all as of June 30, 2021:

- 21,893,534 shares of common stock underlying warrants outstanding at a weighted average exercise price of \$7.77 per share;
- 1,607,080 shares of common stock underlying options outstanding at a weighted average exercise price of \$4.70 per share;
- 134,774 shares of common stock underlying restricted stock units outstanding
- 1,138,200 shares of common stock issuable upon conversion of \$14.0 million principal amount of convertible notes outstanding; and
- 475,525 shares of common stock available for future grant of equity awards under our equity incentive plans, including our employee stock purchase plan.

In addition, the discussion and table above exclude the up to \$49.0 million of shares of our common stock that remained available for sale at June 30, 2021, under our Controlled Equity OfferingSM Sales Agreements with each of Cantor Fitzgerald & Co., and Ladenburg Thalmann & Co. Inc.

To the extent that options and warrants outstanding as of June 30, 2021, have been or are exercised, or other shares are issued, including pursuant to our Controlled Equity OfferingSM Sales Agreements with each of Cantor Fitzgerald & Co., and Ladenburg

Thalmann & Co. Inc., investors purchasing shares in this offering could experience further dilution. In addition, we may choose to raise additional capital in addition to the amounts that may be sold under our Controlled Equity OfferingSM Sales Agreements with Cantor Fitzgerald & Co. and Ladenburg Thalmann & Co. Inc., due to market conditions or strategic considerations, even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

DESCRIPTION OF CAPITAL STOCK

The following description of our capital stock does not purport to be complete and is subject in all respects to applicable Delaware law and to the provisions of our amended and restated certificate of incorporation, and our amended and restated bylaws.

General

Our amended and restated certificate of incorporation provides for common stock and authorized shares of undesignated preferred stock, the rights, preferences and privileges of which may be designated from time to time by our board of directors. Our authorized capital stock consists of 105,000,000 shares, all with a par value of \$0.001 per share, of which 100,000,000 shares are designated as common stock and 5,000,000 shares are designated as preferred stock.

Common Stock

Voting Rights. Each holder of our common stock is entitled to one vote for each share of common stock held on all matters submitted to a vote of stockholders, except as otherwise expressly provided in our amended and restated certificate of incorporation or required by applicable law. Cumulative voting for the election of directors is not provided for in our amended and restated certificate of incorporation, which means that the holders of a majority of our shares of common stock can elect all of the directors then standing for election.

Dividends and Distributions. Subject to preferences that may apply to any shares of preferred stock outstanding at the time, the holders of outstanding shares of our common stock are entitled to receive dividends out of funds legally available at the times and in the amounts that our board of directors may determine.

Liquidation Rights. Upon our liquidation, dissolution or winding-up, the assets legally available for distribution to our stockholders would be distributable ratably among the holders of our common stock and any participating preferred stock outstanding at that time after payment of liquidation preferences, if any, on any outstanding shares of preferred stock and payment of other claims of creditors. The rights, preferences, and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of holders of shares of any series of preferred stock that we may designate and issue in the future.

Preemptive or Similar Rights. Our common stock is not entitled to preemptive rights and is not subject to conversion, redemption or sinking fund provisions.

Preferred Stock

Our board of directors is authorized, subject to limitations prescribed by Delaware law, to issue up to 5,000,000 shares of preferred stock in one or more series, to establish from time to time the number of shares to be included in each series and to fix the designation, powers, preferences and rights of the shares of each series and any of its qualifications, limitations or restrictions. Our board of directors can also increase or decrease the number of shares of any series of preferred stock, but not below the number of shares of that series then outstanding, without any further vote or action by our stockholders. Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of our common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring, discouraging or preventing a change in control or other corporate action and may adversely affect the market price of our common stock and the voting and other rights of the holders of our common stock.

Outstanding Warrants

As of June 30, 2021, we had outstanding warrants to purchase an aggregate of 12,243 shares of our common stock with an exercise price of \$36.754 per share, warrants to purchase an aggregate of 798,810 shares of our common stock with an exercise price of \$20.0 per share, warrants to purchase an aggregate of 4,472,205 shares of our common stock with an exercise price of \$11.00 per share, warrants to purchase an aggregate of 6,439,866 shares of our common stock with an exercise price of \$7.33 per share, warrants to purchase an aggregate of 6,800,000 shares of our common stock with an exercise price of \$8.25 per share, prefunded warrants to purchase

an aggregate of 3,200,000 shares of our common stock with an exercise price of \$0.001 per share, and warrants to purchase an aggregate of 170,140 shares of our common stock with an exercise price of \$7.04 per share. Unless earlier exercised, these warrants will expire on September 30, 2021 with respect to the \$36.754 warrants, on March 8, 2023, with respect to the \$20.0 warrants, on November 29, 2021, with respect to the \$11.0 warrants, on December 21, 2021, with respect to the \$7.33 warrants, on June 21, 2024, with respect to the \$8.25 warrants, indefinitely, with respect to the \$0.001 warrants, and on May 13, 2028, with respect to the \$7.04 warrants.

Anti-Takeover Provisions

Certificate of Incorporation and Bylaws

Because our stockholders do not have cumulative voting rights, our stockholders holding a majority of the voting power of our shares of common stock outstanding will be able to elect all of our directors. Our amended and restated certificate of incorporation and amended and restated bylaws provide that all stockholder actions must be effected at a duly called meeting of stockholders and not by consent in writing. A special meeting of stockholders may be called only by a majority of our whole board of directors, the chair of our board of directors, or our chief executive officer.

Our amended and restated certificate of incorporation further provides that the affirmative vote of holders of at least sixty-six and two-thirds percent (66-2/3%) of the voting power of all of the then outstanding shares of voting stock, voting as a single class, are required to amend certain provisions of our certificate of incorporation, including provisions relating to the size of the board, removal of directors, special meetings, actions by written consent and cumulative voting. The affirmative vote of holders of at least sixty-six and two-thirds percent (66-2/3%) of the voting power of all of the then outstanding shares of voting stock, voting as a single class, is required to amend or repeal our bylaws, although our bylaws may be amended by a simple majority vote of our board of directors.

The foregoing provisions will make it more difficult for our existing stockholders to replace our board of directors as well as for another party to obtain control of our company by replacing our board of directors. Since our board of directors has the power to retain and discharge our officers, these provisions could also make it more difficult for existing stockholders or another party to effect a change in management. In addition, the authorization of undesignated preferred stock makes it possible for our board of directors to issue preferred stock with voting or other rights or preferences that could impede the success of any attempt to change the control of our company.

These provisions are intended to enhance the likelihood of continued stability in the composition of our board of directors and its policies and to discourage certain types of transactions that may involve an actual or threatened acquisition of our company. These provisions are also designed to reduce our vulnerability to an unsolicited acquisition proposal and to discourage certain tactics that may be used in proxy rights. However, these provisions could have the effect of discouraging others from making tender offers for our shares and may have the effect of deterring hostile takeovers or delaying changes in control of our company or our management. As a consequence, these provisions also may inhibit fluctuations in the market price of our stock that could result from actual or rumored takeover attempts.

Section 203 of the Delaware General Corporation Law

We are subject to Section 203 of the Delaware General Corporation Law, which prohibits a Delaware corporation from engaging in any business combination with any interested stockholder for a period of three years after the date that such stockholder became an interested stockholder, with the following exceptions:

In general, Section 203 defines business combination to include the following:

- before such date, the board of directors of the corporation approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;
- upon closing 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 began, excluding for purposes of determining the voting stock outstanding (but not the outstanding voting stock owned by the interested stockholder) those shares owned by (1) persons who are directors and also officers and (2) employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or

- on or after such date, the business combination is approved by the board of directors and authorized at an annual or special meeting of the stockholders, and not by written consent, by the affirmative vote of at least 66 2/3% of the outstanding voting stock that is not owned by the interested stockholder.
- any merger or consolidation involving the corporation and the interested stockholder;
- any sale, transfer, pledge or other disposition of 10% or more of the assets of the corporation involving the interested stockholder;
- subject to certain exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder;
- any transaction involving the corporation that has the effect of increasing the proportionate share of the stock or any class or series of the corporation beneficially owned by the interested stockholder; or
- the receipt by the interested stockholder of the benefit of any loss, advances, guarantees, pledges or other financial benefits by or through the corporation.

In general, Section 203 defines an “interested stockholder” as an entity or person who, together with the person’s affiliates and associates, beneficially owns, or within three years prior to the time of determination of interested stockholder status did own, 15% or more of the outstanding voting stock of the corporation.

Listing

Our common stock is listed on TheNasdaq Global Market under the trading symbol “SCYX.” The applicable prospectus supplement will contain information, where applicable, as to any other listing, if any, on The Nasdaq Global Market or any securities market or other exchange of the other securities covered by such prospectus supplement.

Transfer Agent and Registrar

Our transfer agent and registrar for our common stock is American Stock Transfer & Trust Company, LLC. The transfer agent’s address is 6201 13th Avenue, Brooklyn, New York 11219.

PLAN OF DISTRIBUTION

The common stock referenced on the cover page of this prospectus will be offered solely by us and will be issued and sold upon the exercise of the warrants described herein. For the holders of warrants to exercise the warrants, the shares issuable upon exercise must either be registered under the Securities Act or exempt from registration. If a registration statement registering the issuance of the shares of common stock underlying the warrants under the Securities Act is not effective or available for the issuance of such shares, the holder may, in its sole discretion, elect to exercise the warrant through a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the warrant. No fractional shares of common stock will be issued in connection with the exercise of a warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the market value of a share of common stock.

LEGAL MATTERS

Cooley LLP will pass upon the validity of the common stock offered by this prospectus. As of the date of this prospectus, a partner of Cooley LLP owns 1,000 shares of our common stock.

EXPERTS

The financial statements incorporated in this prospectus by reference from the Company’s Annual Report on Form 10-K have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference into this prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public on our website at www.scynexis.com, and over the Internet at the SEC's website at <http://www.sec.gov>.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, while information that we file later with the SEC will automatically update and supersede the information in this prospectus. We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 001-36365):

- our Annual Report on Form 10-K for the year ended December 31, 2020, which was filed on March 29, 2021;
- the information specifically incorporated by reference into the Form 10-K from our definitive proxy statement on Schedule 14A which was filed on April 26, 2021;
- our Quarterly Report on Form 10-Q for the quarter ended March 31, 2021, which was filed on May 17, 2021;
- our Quarterly Report on Form 10-Q for the quarter ended June 30, 2021, which was filed on August 16, 2021;
- our Current Reports on Form 8-K, filed with the SEC on February 17, 2021, February 23, 2021, May 14, 2021, May 18, 2021, June 16, 2021, and June 24, 2021; and
- the description of our common stock contained in our registration statement on Form 8-A filed with the SEC on March 19, 2014, including any amendments or reports filed for the purposes of updating this description.

All filings filed by us pursuant to the Exchange Act after the date of the initial filing of the registration statement of which this prospectus is a part and prior to effectiveness of the registration statement shall be deemed to be incorporated by reference into this prospectus.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items unless such Form 8-K expressly provides to the contrary) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, until we file a post-effective amendment that indicates the termination of the offering of the securities made by this prospectus and will become a part of this prospectus from the date that such documents are filed with the SEC. Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

You can request a copy of these filings, at no cost, by writing or telephoning us at the following address or telephone number:

SCYNEXIS, Inc.
1 Evertrust Plaza, 13th Floor
Jersey City, NJ 07302-6548
(201) 884-5485
Attn: Secretary