

PROSPECTUS

1,650,170 Shares of Common Stock

Acurx Pharmaceuticals, Inc.

The selling stockholders of Acurx Pharmaceuticals, Inc. (“Acurx,” “we,” “us” or the “Company”) listed beginning on page 12 of this prospectus may offer and resell under this prospectus up to 1,650,170 shares of our common stock (the “warrant shares”), par value \$0.001 per share (the “common stock”), issuable upon exercise of series H warrants (the “warrants”), with an exercise price of \$2.78 per share which were acquired by the selling stockholders pursuant to a Purchase Agreement (defined below). The warrants were immediately exercisable upon issuance and will expire twenty-four months following the effective date of this registration statement. The selling stockholders acquired the warrants from us pursuant to a securities purchase agreement dated April 15, 2026 (the “Purchase Agreement”).

We are registering the resale of the shares of common stock covered by this prospectus as required by the Purchase Agreement. The selling stockholders will receive all of the proceeds from any sales of the shares of common stock offered hereby. We will not receive any of the proceeds, but we will incur expenses in connection with the offering. To the extent the warrants are exercised for cash, if at all, we will receive the exercise price of the warrants.

The selling stockholders may sell these shares through public or private transactions at market prices prevailing at the time of sale or at negotiated prices. The timing and amount of any sale are within the sole discretion of the selling stockholders. Our registration of the shares of common stock covered by this prospectus does not mean that the selling stockholders will offer or sell any of the shares. For further information regarding the possible methods by which the shares may be distributed, see “Plan of Distribution” beginning on page 14 of this prospectus.

Our common stock is listed on The Nasdaq Capital Market (“Nasdaq”) under the symbol “ACXP.” The last reported sale price of our common stock on Nasdaq on May 1, 2026 was \$2.16 per share.

We are an “emerging growth company” under applicable Securities and Exchange Commission rules and, as such, we are subject to reduced public company reporting requirements.

On August 4, 2025, we effected a 1-for-20 reverse stock split pursuant to which every 20 shares of our issued and outstanding common stock were reclassified as one share of common stock (the “Reverse Stock Split”). The Reverse Stock Split had no impact on the par value of our common stock or the authorized number of shares of our common stock. Unless otherwise indicated, all share and per share information in this prospectus is adjusted to reflect the effect of the Reverse Stock Split.

Investing in our common stock is highly speculative and involves a significant degree of risk. Please consider carefully the specific factors set forth under “Risk Factors” beginning on page 6 of this prospectus and in our filings with the Securities and Exchange Commission.

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 May 11, 2026.

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ABOUT THIS PROSPECTUS

The registration statement we filed with the Securities and Exchange Commission (the “SEC”) includes exhibits that provide more detail of the matters discussed in this prospectus. You should read this prospectus, the related exhibits filed with the SEC, and the documents incorporated by reference herein before making your investment decision. You should rely only on the information provided in this prospectus or any amendment thereto. In addition, 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 heading “Where You Can Find More Information.”

The selling stockholders named in this prospectus may sell up to 1,650,170 shares of our common stock previously issued and issuable upon exercise of warrants to

purchase shares of our common stock from time to time. This prospectus also covers any shares of common stock that may become issuable as a result of share splits, share dividends, or similar transactions. We have agreed to pay the expenses incurred in registering these shares, including legal and accounting fees.

We have not, and the selling stockholders have not, authorized anyone to provide any information or to make any representations other than those contained in this prospectus, the documents incorporated by reference herein or in any free writing prospectuses prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. The information contained in this prospectus, the documents incorporated by reference herein or in any applicable free writing prospectus is current only as of its date, regardless of its time of delivery or any sale of our securities. Our business, financial condition, results of operations and prospects may have changed since that date.

The selling stockholders are offering to sell, and seeking offers to buy, shares of our common stock only under circumstances and in jurisdictions where it is lawful to do so. The selling stockholders are not making an offer to sell these securities in any state or jurisdiction where the offer or sale is not permitted.

Unless the context otherwise requires, “Acurx,” “ACXP,” “the Company,” “we,” “us,” “our” and similar terms refer to Acurx Pharmaceuticals, Inc.

INDUSTRY AND MARKET DATA

This prospectus or the documents incorporated by reference herein includes statistical and other industry and market data that we obtained from industry publications and research, surveys and studies conducted by third parties. Industry publications and third-party research, surveys and studies generally indicate that their information has been obtained from sources believed to be reliable, although they do not guarantee the accuracy or completeness of such information.

PROSPECTUS SUMMARY

The following is a summary of what we believe to be the most important aspects of our business and the offering of our securities under this prospectus. We urge you to read this entire prospectus, including the more detailed audited and unaudited financial statements, notes to the financial statements and other information incorporated by reference from our other filings with the SEC or included in any applicable prospectus supplement. Investing in our securities involves risks. Therefore, carefully consider the risk factors set forth in any prospectus supplements and in our most recent annual and quarterly filings with the SEC, as well as other information in this prospectus and any prospectus supplements and the documents incorporated by reference herein or therein, before purchasing our securities. Each of the risk factors could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our securities.

Overview

We are a late-stage biopharmaceutical company focused on developing a new class of small molecule antibiotics for difficult-to-treat bacterial infections. Our approach is to develop antibiotic candidates with a Gram-positive selective spectrum that block the active site of the Gram positive specific bacterial enzyme deoxyribonucleic acid (“DNA”) polymerase III, inhibiting DNA replication and leading to Gram-positive bacterial cell death. Our research and development pipeline includes antibiotic product candidates that target Gram-positive bacteria, including *Clostridioides difficile*, methicillin-resistant *Staphylococcus aureus*, vancomycin resistant *Enterococcus* and drug-resistant *Streptococcus pneumoniae* and *B. anthracis* (anthrax; a Bioterrorism Category A Threat-Level pathogen).

These bacterial targets are listed as priority pathogens by the World Health Organization (“WHO”), the United States (“U.S.”) Centers for Disease Control and Prevention (“CDC”) and the U.S. Food and Drug Administration (“FDA”). Priority pathogens are those which require new antibiotics to address the worldwide crisis of antimicrobial resistance (“AMR”) as identified by the WHO, CDC and FDA.

Recent Developments

2026 April Registered Direct Offering

On April 15, 2026, we entered into the Purchase Agreement with certain investors named therein (the “Investors”), pursuant to which we agreed to issue and sell, in a registered direct offering by us directly to the Investors (the “Registered Offering”) (i) 816,068 shares of common stock, par value \$0.001 per share, at a purchase price of \$3.03 per share and (ii) pre-funded common stock purchase warrants (the “Pre-Funded Warrants”) to purchase up to 9,017 shares of common stock (the “Pre-Funded Warrant Shares”) at a purchase price of \$3.029 per Pre-Funded Warrant for aggregate gross proceeds of approximately \$2.5 million, before deducting the placement agent fees and related offering expenses.

The Purchase Agreement contained customary representations and warranties and agreements of us and the Investors and customary indemnification rights and obligations of the parties. Pursuant to the terms of the Purchase Agreement, we agreed to certain restrictions on the issuance and sale of our common stock or Common Stock Equivalents (as defined in the Purchase Agreement) during the 15-day period following the closing of the Registered Offering (the “Lock-up Period”). Additionally, we agreed not to enter into a variable rate transaction for a period of one year following the closing of the Registered Offering, provided, however, that following the Lock-up Period, (i) we may enter into and/or issue shares of common stock in an “at-the-market” facility with Wainwright (as defined below) as sales agent, and (ii) we may enter into, or effect a transaction under, an equity line of credit.

The shares of common stock, the Pre-Funded Warrants and Pre-Funded Warrant Shares were offered by us pursuant to a registration statement on Form S-3 (File No. 333-288595), which was filed with the SEC on July 9, 2025 and was declared effective by the SEC on January 6, 2026.

In a concurrent private placement (the “Private Placement” and together with the Registered Offering, the “Offering”), we agreed to issue to the Investors series H warrants (the “warrants”) to purchase up to an aggregate of 1,650,170 shares of common stock. The warrants have an exercise price of \$2.78 per share, were immediately exercisable and will expire twenty-four months following the effective date of this registration statement. The warrants and the shares of our common stock issuable upon the exercise of the warrants were offered pursuant to the exemption provided in Section 4(a)(2) under the Securities Act, and Rule 506(b) promulgated thereunder. The Offering closed on April 16, 2026. See “The Private Placement Transaction”.

New Ibezapolstat Clinical Trial Program in Patients with Recurrent CDI

On March 9, 2026, we announced a new clinical development initiative to expand the ibezapolstat program into recurrent *C. difficile* infection (rCDI). The initiative

includes an open label pilot trial in multiply recurrent CDI that will enroll up to 20 patients who have experienced at least two recurrences within the past 12 months. Trial start up activities are scheduled to begin in the second quarter of this year, and first patient enrollment is expected in the fourth quarter of this year. We intend to use data from this 20 patient study to inform the design of a planned active controlled Phase 3 registration trial in rCDI. Following a successful pivotal Phase 3 study, we plan to seek the FDA's approval under the Limited Population Pathway for Antibacterial and Antifungal Drugs (LPAD) for treatment and prevention of rCDI.

The Lincoln Park Transaction

On May 8, 2025, we entered into the Purchase Agreement with Lincoln Park, pursuant to which Lincoln Park agreed to purchase from us up to an aggregate of \$12.0 million of our common stock (subject to certain limitations) from time to time over the term of the Purchase Agreement (of which an aggregate of \$7.3 million of shares of common stock have already been issued and sold to Lincoln Park as of the date of this prospectus) (the "ELOC"). Pursuant to the Purchase Agreement, we issued 44,963 shares of common stock to Lincoln Park as a fee for making its irrevocable commitment to purchase our common stock under the Purchase Agreement (the "Commitment Shares"). Also on May 8, 2025, we entered into a registration rights agreement with Lincoln Park (the "Registration Rights Agreement"), pursuant to which we filed with the SEC a registration statement (the "First Registration Statement") on Form S-1 (Registration No. 333-287478) to register up to 544,963 shares of common stock that have subsequently been issued and sold by us to Lincoln Park, consisting of (i) 500,000 shares of common stock that we issued and sold to Lincoln Park as Purchase Shares, commencing on the Commencement Date (as defined below) for aggregate gross proceeds of \$3.0 million, and (ii) 44,963 Commitment Shares. Under the applicable rules of The Nasdaq Stock Market, on July 17, 2025, we obtained stockholder approval to issue to Lincoln Park, pursuant to the Purchase Agreement, shares of our common stock, including the Commitment Shares, which exceed 220,315 shares, which was equal to 19.99% of the shares of our common stock outstanding immediately prior to the execution of the Purchase Agreement. On October 20, 2025, we filed with the SEC a registration statement (the "Second Registration Statement") on Form S-1 (Registration No. 333-290968) to register up to 585,000 shares of common stock. On February 2, 2026, we filed with the SEC a registration statement (the "Third Registration Statement and, together with the First Registration Statement and the Second Registration Statement, the "Prior Registration Statements") on Form S-1 (Registration No. 333-293136) to register up to 750,000 shares of common stock. To date, we have issued and sold 1,835,000 shares of common stock pursuant to the Prior Registration Statements for aggregate gross proceeds of \$7.3 million.

Corporate Information and History

We were organized as a limited liability company in the State of Delaware in July 2017 and we commenced operations in February 2018 upon acquiring the rights to our lead antibiotic product candidate from GLSynthesis, Inc. Our principal executive offices are located at 259 Liberty Avenue, Staten Island, NY 10305 and our telephone number is (917) 533-1469. Our website address is www.acurxpharma.com. The information contained on, or that can be accessed through, our website is not a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference. On June 23, 2021, we converted from a Delaware limited liability company into a Delaware corporation pursuant to a statutory conversion, and changed its name to Acurx Pharmaceuticals, Inc.

Emerging Growth Company

We are an "emerging growth company", as defined in the Jumpstart Our Business Startups Act (the "JOBS Act"). As an emerging growth company, we are eligible, and have elected, to take advantage of certain exemptions from various reporting requirements that are applicable to other public companies that are not emerging growth companies. These include, but are not limited to, not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act of 2002 and reduced disclosure obligations regarding executive compensation (to the extent applicable to a foreign private issuer).

We could remain an emerging growth company until the last day of our fiscal year following the fifth anniversary of the consummation of our initial public offering. However, if our annual gross revenue is \$1.235 billion or more, or our non-convertible debt issued within a three year period exceeds \$1 billion, or the market value of our shares of common stock that are held by non-affiliates exceeds \$700 million on the last day of the second fiscal quarter of any given fiscal year, we would cease to be an emerging growth company as of the last day of that fiscal year.

Smaller Reporting Company

We are also currently a "smaller reporting company," meaning that we are not an investment company, an asset-backed issuer, or a majority-owned subsidiary of a parent company that is not a smaller reporting company, and have a public float of less than \$250 million or annual revenues of less than \$100 million during the most recently completed fiscal year. In the event that we are still considered a "smaller reporting company," at such time as we cease being an "emerging growth company," the disclosure we will be required to provide in our SEC filings will increase, but will still be less than it would be if we were not considered either an "emerging growth company" or a "smaller reporting company." Specifically, similar to "emerging growth companies," "smaller reporting companies" are able to provide simplified executive compensation disclosures in their filings; are exempt from the provisions of Section 404(b) of the Sarbanes-Oxley Act requiring that independent registered public accounting firms provide an attestation report on the effectiveness of internal control over financial reporting; and have certain other decreased disclosure obligations in their SEC filings, including, among other things, only being required to provide two years of audited financial statements in annual reports. Decreased disclosures in our SEC filings due to our status as an "emerging growth company" or "smaller reporting company" may make it harder for investors to analyze our results of operations and financial prospects.

Risks Associated with Our Business

Our business and our ability to implement our business strategy are subject to numerous risks, as more fully described in the section entitled "Risk Factors" in this prospectus and in our [Annual Report on Form 10-K for the fiscal year ended December 31, 2025](#) incorporated herein by reference. You should read these risks before you invest in our securities. We may be unable, for many reasons, including those that are beyond our control, to implement our business strategy.

THE OFFERING

Shares of Common Stock that May be Offered by the Selling Stockholders Up to 1,650,170 shares of common stock.

Use of Proceeds	We will not receive any proceeds from the sale of the common stock by the selling stockholders. However, if all of the warrants were exercised for cash, we would receive gross proceeds of approximately \$4.6 million. See the section entitled “Use of Proceeds” in this prospectus.
Offering Price	The selling stockholders may sell all or a portion of their shares through public or private transactions at prevailing market prices or at privately negotiated prices.
Nasdaq Capital Market Symbol	ACXP
Risk Factors	Investing in our common stock involves a high degree of risk. See “Risk Factors” beginning on page 6 of this prospectus, and any other risk factors described in the documents incorporated by reference herein, for a discussion of certain factors to consider carefully before deciding to invest in our common stock.

Throughout this prospectus, when we refer to the shares of our common stock being registered on behalf of the selling stockholders for offer and sale, we are referring to the shares of common stock issuable upon exercise of the warrants, each as described under “The Private Placement Transaction” and “Selling Stockholders.” When we refer to the selling stockholders in this prospectus, we are referring to the selling stockholders identified in this prospectus and, as applicable, its donees, pledgees, transferees or other successors-in-interest selling shares of common stock or interests in shares of common stock received after the date of this prospectus from the selling stockholders as a gift, pledge, partnership distribution or other transfer.

RISK FACTORS

Investing in our securities involves a high degree of risk. You should carefully consider and evaluate all of the information contained in this prospectus and in the documents we incorporate by reference into this prospectus before you decide to purchase our securities. In particular, you should carefully consider and evaluate the risks and uncertainties described under the heading “Risk Factors” in our [Annual Report on Form 10-K for the year ended December 31, 2025](#). Any of the risks and uncertainties in the Annual Report, as updated by annual, quarterly and other reports and documents that we file with the SEC and incorporate by reference into this prospectus, or any prospectus, could materially and adversely affect our business, results of operations and financial condition, which in turn could materially and adversely affect the value of any securities offered by this prospectus. As a result, you could lose all or part of your investment.

THE PRIVATE PLACEMENT TRANSACTION

On April 15, 2026, we entered into the Purchase Agreement with the Investors pursuant to which we issued and sold, in a private placement, series H warrants (the “warrants”) exercisable for an aggregate of 1,650,170 shares of Common Stock at an exercise price of \$2.78 per share. Each warrant was immediately exercisable upon issuance and will expire twenty-four months following the effective date of this registration statement.

On March 23, 2026, we entered into an engagement letter (the “Engagement Letter”) with H.C. Wainwright & Co. (“Wainwright”), pursuant to which Wainwright agreed to serve as the exclusive placement agent for the issuance and sale of securities pursuant to the Purchase Agreement. As compensation for such placement agent services, we agreed to pay Wainwright an aggregate cash fee equal to 6.0% of the gross proceeds received by us from sales to the Investors pursuant to the Purchase Agreement, up to \$50,000 for its fees and expenses of legal counsel and \$15,950 for clearing expenses.

Pursuant to the terms of the Purchase Agreement, we agreed to certain restrictions on the issuance and sale of our common stock or Common Stock Equivalents (as defined in the Purchase Agreement) during the 15-day period following the date of the Purchase Agreement (the “Lock-up Period”). Additionally, we agreed not to enter into a variable rate transaction for a period of one year following the date of the Purchase Agreement, provided, however, that following the Lock-up Period (i) we may enter into and/or issue shares of common stock in an “at-the-market” facility with Wainwright as sales agent, and (ii) we may enter into, or effect a transaction under, an equity line of credit.

The exercise price and number of warrant shares issuable upon exercise of the warrants are subject to appropriate adjustment in the event of stock dividends, stock splits, subsequent rights offerings, pro rata distributions, reorganizations, or similar events affecting the common stock and the exercise price. The warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to the Company a duly executed exercise notice accompanied by payment in full for the number of shares of the common stock purchased upon such exercise (except in the case of a cashless exercise as discussed below). A holder (together with its affiliates) may not exercise any portion of such holder’s warrants to the extent that the holder would own more than 4.99% (or, at the election of the holder, 9.99%) of the outstanding common stock immediately after exercise, except that upon prior notice from the holder to the Company, the holder may increase or decrease the amount of ownership of outstanding stock after exercising the holder’s warrants up to 9.99% of the number of shares of the common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the warrants, provided that any increase will not be effective until 61 days following notice to the Company.

If, at the time a holder exercises its warrants, a registration statement registering the resale of the warrant shares by the holder under the Securities Act is not then effective or available, then in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part), the net number of shares of common stock determined according to a formula set forth in the warrants.

If at any time the warrants are outstanding, the Company, either directly or indirectly, in one or more related transactions effect a Fundamental Transaction (as defined in the warrants), a holder of the warrants will be entitled to receive, the number of shares of common stock of the successor or acquiring corporation or of the Company, if the Company is the surviving corporation, and any additional consideration receivable as a result of the Fundamental Transaction by such holder of the number of shares of common stock for which the warrants are exercisable immediately prior to the Fundamental Transaction.

The warrants may be modified or amended or the provisions of the warrants may be waived with the Company’s and the holder’s written consent.

Pursuant to the terms of the Purchase Agreement, we filed with the SEC this registration statement on Form S-1 of which this prospectus forms a part to register the resale under the Securities Act the warrant shares issuable upon exercise of the warrants.

The foregoing descriptions of the form of Purchase Agreement and the form of warrant are not complete and are subject to and qualified in their entirety by reference to the form of Purchase Agreement and the form of warrant, respectively, copies of which are attached as Exhibits 10.20 and 4.12 hereto.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference in this prospectus include forward-looking statements within the meaning of Section 27A of the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), that relate to future events or our future financial performance and involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to differ materially from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements. Words such as, but not limited to, “believe,” “expect,” “anticipate,” “estimate,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “targets,” “likely,” “will,” “would,” “could,” “should,” “continue,” and similar expressions or phrases, or the negative of those expressions or phrases, are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Although we believe that we have a reasonable basis for each forward-looking statement contained in this prospectus and incorporated by reference in this prospectus, we caution you that these statements are based on our projections of the future that are subject to known and unknown risks and uncertainties and other factors that may cause our actual results, level of activity, performance or achievements expressed or implied by these forward-looking statements, to differ. The sections in our periodic reports, including our most recent Annual Report on Form 10-K, as revised or supplemented by our subsequent Quarterly Reports on Form 10-Q or our Current Reports on Form 8-K, entitled “Business,” “Risk Factors,” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” as well as other sections in this prospectus and the other documents or reports incorporated by reference in this prospectus, discuss some of the factors that could contribute to these differences. These forward-looking statements include, among other things, statements about:

- our ability to obtain and maintain regulatory approval of ibezapolstat and/or our other product candidates;
- our ability to successfully commercialize and market ibezapolstat and/or our other product candidates, if approved;
- our ability to contract with third-party suppliers, manufacturers and other service providers and their ability to perform adequately;
- the potential market size, opportunity and growth potential for ibezapolstat and/or our other product candidates, if approved;
- our ability to build our own sales and marketing capabilities, or seek collaborative partners, to commercialize ibezapolstat and/or our other product candidates, if approved;
- our ability to obtain funding for our operations;
- the initiation, timing, progress and results of our preclinical studies and clinical trials, and our research and development programs;
- the timing of anticipated regulatory filings;
- the timing of availability of data from our clinical trials;
- the accuracy of our estimates regarding expenses, capital requirements and needs for additional financing;
- our ability to retain the continued service of our key professionals and to identify, hire and retain additional qualified professionals;
- our ability to advance product candidates into, and successfully complete, clinical trials;
- our ability to recruit and enroll suitable patients in our clinical trials and the timing of enrollment;
- the timing or likelihood of the accomplishment of various scientific, clinical, regulatory and other product development objectives;
- the pricing and reimbursement of our product candidates, if approved;
- the rate and degree of market acceptance of our product candidates, if approved;
- the implementation of our business model and strategic plans for our business, product candidates and technology;

- the scope of protection we are able to establish and maintain for intellectual property rights covering our product candidates and technology;
- developments relating to our competitors and our industry;
- the development of major public health concerns, including the novel coronavirus outbreak or other pandemics arising globally, and the future impact of it and COVID-19 on our clinical trials, business operations and funding requirements;
- the effects of the recent disruptions to and volatility in the credit and financial markets in the United States and worldwide from the conflict between Russia and Ukraine, geopolitical tensions involving China, the conflict between the U.S., Israel and Iran and tensions in the Middle East;
- the volatility of the price of our common stock;
- our financial performance;
- our ability to comply with the listing requirements of The Nasdaq Capital Market and any delisting or potential delisting of shares of our common stock; and
- other factors described from time to time in documents that we file with the SEC.

We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in the forward-looking statements we make. We have included important cautionary statements in this prospectus and in the documents incorporated by reference in this prospectus, particularly in the “Risk Factors” section, that we believe could cause actual results or events to differ materially from the forward-looking statements that we make. For a summary of such factors, please refer to the section entitled “Risk Factors” in this prospectus, as updated and supplemented by the discussion of risks and uncertainties under “Risk Factors” contained in any supplements to this

prospectus and in our most recent Annual Report on Form 10-K, as revised or supplemented by our subsequent Quarterly Reports on Form 10-Q or our Current Reports on Form 8-K, as well as any amendments thereto, as filed with the SEC and which are incorporated herein by reference. The information contained in this document is believed to be current as of the date of this document. We do not intend to update any of the forward-looking statements after the date of this document to conform these statements to actual results or to changes in our expectations, except as required by law.

In light of these assumptions, risks and uncertainties, the results and events discussed in the forward-looking statements contained in this prospectus or in any document incorporated herein by reference might not occur. Investors are cautioned not to place undue reliance on the forward-looking statements, which speak only as of the date of this prospectus or the date of the document incorporated by reference in this prospectus. We are not under any obligation, and we expressly disclaim any obligation, to update or alter any forward-looking statements, whether as a result of new information, future events or otherwise. All subsequent forward-looking statements attributable to us or to any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section.

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USE OF PROCEEDS

We are not selling any shares of our common stock in this offering and we will not receive any of the proceeds from the sale of shares of our common stock by the selling stockholder. The selling stockholders will receive all of the proceeds from any sales of the shares of our common stock offered hereby. However, we will incur expenses in connection with the registration of the shares of our common stock offered hereby.

We will receive the exercise price upon any exercise of the warrants, to the extent exercised on a cash basis. If all the warrants were exercised for cash, we would receive gross proceeds of approximately \$4.6million. However, the holders of the warrants are not obligated to exercise the warrants, and we cannot predict whether or when, if ever, the holders of the warrants will choose to exercise the warrants, in whole or in part. Accordingly, any proceeds from such exercise will be used for general corporate purposes and working capital.

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MARKET FOR COMMON STOCK AND DIVIDEND POLICY

Our common stock is traded on the Nasdaq Capital Market under the symbol "ACXP." The last reported sale price of our common stock on May 1, 2026 on the Nasdaq Capital Market was \$2.16 per share. As of May 4, 2026, there were 370 stockholders of record of our common stock.

We have never declared or paid any cash dividend on our common stock. We intend to retain any future earnings and do not expect to pay dividends in the foreseeable future.

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SELLING STOCKHOLDERS

The common stock being offered by the selling stockholders are those issuable to the selling stockholders upon exercise of the warrants. For additional information regarding the issuance of the warrants, see "The Private Placement Transaction" above. We are registering the shares of common stock in order to permit the selling stockholders to offer the shares for resale from time to time. Except as described below, to our knowledge, each of the selling stockholders have not been an officer or director of ours or of our affiliates within the past three years or has any material relationship with us or our affiliates within the past three years. Our knowledge is based on information provided by the selling stockholders in connection with the filing of this prospectus.

The table below lists the selling stockholders and other information regarding the beneficial ownership of the shares of common stock by the selling stockholders. The second column lists the number of shares of common stock beneficially owned by the selling stockholder, based on its ownership of the shares of common stock, options to purchase common stock, and warrants, as of April 20, 2026, assuming exercise of the warrants held by the selling stockholders on that date, without regard to any limitations on exercises. The third column lists the maximum number of shares of common stock that may be sold or otherwise disposed of by the selling stockholders pursuant to the registration statement of which this prospectus forms a part. The selling stockholders may sell or otherwise dispose of some, all or none of their shares. Pursuant to Rules 13d-3 and 13d-5 of the Exchange Act, beneficial ownership includes any shares of our common stock as to which a stockholder has sole or shared voting power or investment power, and also any shares of our common stock which the stockholder has the right to acquire within 60 days of April 20, 2026. The percentage of beneficial ownership for the selling stockholders is based on 4,278,492 shares of our common stock outstanding as of April 20, 2026, and the number of shares of our common stock issuable upon exercise or conversion of convertible securities that are currently exercisable or convertible or are exercisable or convertible within 60 days of April 20, 2026 beneficially owned by the selling stockholder. The fourth column assumes the sale of all of the shares of common stock offered by the selling stockholders pursuant to this prospectus.

Under the terms of the warrants, the selling stockholders may not exercise the warrants to the extent such exercise would cause such selling stockholder, together with its affiliates and attribution parties, to beneficially own a number of shares of common stock which would exceed 4.99% (or for certain holders, 9.99%) of our then outstanding common stock following such exercise, excluding for purposes of such determination shares of common stock issuable upon exercise of the warrants which have not been exercised. The number of shares in the second column does not reflect this limitation. The selling stockholders may sell all, some or none of their shares in this offering. See "Plan of Distribution."

Information about the selling stockholders may change over time. Any changed information will be set forth in an amendment to the registration statement or supplement to this prospectus, to the extent required by law. Unless otherwise noted below, the address of the selling stockholders listed on the table is c/o Acurx Pharmaceuticals, Inc., 259 Liberty Avenue, Staten Island, NY 10305.

**Beneficial Ownership Prior to
the Offering⁽¹⁾**

**Beneficial Ownership After
the Offering**

Name of Selling Stockholder	Number of Shares of Common Stock Beneficially Owned Prior to the Offering	Percentage of Outstanding Common Stock ⁽²⁾	Maximum Number of Shares of Common Stock To Be Sold Pursuant to this Prospectus	Number of Shares of Common Stock Beneficially Owned After the Offering ⁽³⁾	Percentage of Outstanding Common Stock ⁽³⁾
Armistice Capital, LLC ⁽⁴⁾	939,594	18.6%	330,034	609,560	10.3%
Intracoastal Capital LLC ⁽⁵⁾	379,890	8.2%	330,034	49,856	*
3i, LP ⁽⁶⁾	476,880	10.3%	330,034	146,846	2.5%
Lind Global Fund III LP ⁽⁷⁾	495,051	10.7%	330,034	165,017	2.8%
Lincoln Park Capital Fund, LLC ⁽⁸⁾	484,589	10.5%	330,034	154,555	2.6%

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* Represents less than one percent.

(1) Assumes all warrants are exercised.

(2) Based on a denominator equal to the sum of (i) 4,278,492 shares of common stock outstanding on April 20, 2026, and (ii) the number of shares of common stock issuable upon exercise or conversion of convertible securities that are currently exercisable or convertible or are exercisable or convertible within 60 days of April 20, 2026 beneficially owned by the applicable selling stockholder.

(3) Assumes that (i) all of the shares of common stock to be registered by the registration statement of which this prospectus is a part are sold in this offering and (ii) the selling stockholders do not acquire additional shares of our common stock after the date of this prospectus and prior to completion of this offering. The percentage of beneficial ownership after the offering is based on 5,928,662 shares of common stock, consisting of (a) 4,278,492 shares of our common stock outstanding on April 20, 2026, and (b) the 1,650,170 shares of our common stock underlying the warrants offered under this prospectus. The number of shares listed do not take into account any limitations on exercise of the warrants.

(4) Consists of (i) 165,017 shares of common stock, (ii) 311,180 shares of common stock issuable upon exercise of series G-1 warrants subject to certain beneficial ownership limitations held by the selling stockholder, (iii) 133,363 shares of common stock issuable upon exercise of series G-2 warrants subject to certain beneficial ownership limitations held by the selling stockholder and (iv) 330,034 shares of common stock issuable upon exercise of series H warrants. The securities are directly held by Armistice Capital Master Fund Ltd., a Cayman Islands exempted company (the "Master Fund"), and may be deemed to be indirectly beneficially owned by: (i) Armistice Capital, LLC ("Armistice Capital"), as the investment manager of the Master Fund; and (ii) Steven Boyd, as the Managing Member of Armistice Capital. The warrants are subject to a beneficial ownership limitation of 4.99%, which such limitation restricts the selling stockholder from exercising that portion of the warrants that would result in the selling stockholder and its affiliates owning, after exercise, a number of shares of common stock in excess of the beneficial ownership limitation. The address of Armistice Capital Master Fund Ltd. is c/o Armistice Capital, LLC, 510 Madison Avenue, 7th Floor, New York, NY 10022.

(5) Consists of (i) 26,900 shares of common stock, (ii) 330,034 shares of common stock issuable upon exercise of series H warrants and (iii) 22,956 shares of common stock issuable upon exercise of series E warrants. Mitchell P. Kopin ("Mr. Kopin") and Daniel B. Asher ("Mr. Asher"), each of whom are managers of Intracoastal Capital LLC ("Intracoastal"), have shared voting control and investment discretion over the securities reported herein that are held by Intracoastal. As a result, each of Mr. Kopin and Mr. Asher may be deemed to have beneficial ownership (as determined under Section 13(d) of the Exchange Act) of the securities reported herein that are held by Intracoastal.

(6) Consists of (i) 123,890 shares of common stock, (ii) 330,034 shares of common stock issuable upon exercise of series H warrants and (iii) 22,956 shares of common stock issuable upon exercise of series E warrants. 3i Management LLC is the general partner of 3i, LP, and Maier Joshua Tarlow is the manager of 3i Management LLC. As such, Mr. Tarlow exercises sole voting and investment discretion over securities beneficially owned directly or indirectly by 3i, LP and 3i Management LLC. Mr. Tarlow disclaims beneficial ownership of the securities beneficially owned directly by 3i, LP and indirectly by 3i Management LLC. The business address of each of the aforementioned parties is 2 Wooster Street, 2nd Floor, New York, NY 10013. We have been advised that none of Mr. Tarlow, 3i Management LLC, or 3i, LP is a member of the Financial Industry Regulatory Authority, or FINRA, or an independent broker-dealer, or an affiliate or associated person of a FINRA member or independent broker-dealer.

(7) Consists of (i) 165,017 shares of common stock and (ii) 330,034 shares of common stock issuable upon exercise of series H warrants. Jeff Easton, Managing Member of Lind Global Partners III LLC, the general partner of Lind Global Fund III LP, has the power to vote and dispose of the securities held by Lind Global Fund III. The principal place of business for Lind Global Fund III LP is 444 Madison Ave., FL. 41, New York, NY 10022.

(8) Consists of (i) 145,538 shares of common stock, (ii) 9,017 shares of common stock issuable upon exercise of pre-funded warrants subject to certain beneficial ownership limitations held by the selling stockholder and (iii) 330,034 shares of common stock issuable upon exercise of series H warrants. Josh Scheinfeld and Jonathan Cope, the Managing Members of Lincoln Park Capital, LLC, the manager of Lincoln Park Capital Fund, LLC, are deemed to be beneficial owners of all of the shares of common stock owned by Lincoln Park Capital Fund, LLC. Messrs. Cope and Scheinfeld have shared voting and investment power over the shares being offered under this prospectus. Neither Lincoln Park Capital, LLC nor Lincoln Park Capital Fund, LLC is a licensed broker dealer or an affiliate of a licensed broker dealer.

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PLAN OF DISTRIBUTION

The selling stockholders of the securities and any of their pledgees, assignees and successors-in-interest may, from time to time, sell any or all of their securities covered hereby on The Nasdaq Capital Market or any other stock exchange, market or trading facility on which the securities are traded or in private transactions. These sales may be at fixed or negotiated prices. The selling stockholders may use any one or more of the following methods when selling securities:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the securities as agent but may position and resell a portion of the block as principal to facilitate the transaction;

- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- settlement of short sales;
- in transactions through broker-dealers that agree with the selling stockholders to sell a specified number of such securities at a stipulated price per security;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- a combination of any such methods of sale; or
- any other method permitted pursuant to applicable law.

The selling stockholders may also sell securities under Rule 144 or any other exemption from registration under the Securities Act, if available, rather than under this prospectus.

Broker-dealers engaged by the selling stockholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the selling stockholders (or, if any broker-dealer acts as agent for the purchaser of securities, from the purchaser) in amounts to be negotiated, but, except as set forth in a supplement to this Prospectus, in the case of an agency transaction not in excess of a customary brokerage commission in compliance with FINRA Rule 2121; and in the case of a principal transaction a markup or markdown in compliance with FINRA Rule 2121.

In connection with the sale of the securities or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the securities in the course of hedging the positions they assume. The selling stockholders may also sell securities short and deliver these securities to close out their short positions, or loan or pledge the securities to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or create one or more derivative securities which require the delivery to such broker-dealer or other financial institution of securities offered by this prospectus, which securities such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The selling stockholders and any broker-dealers or agents that are involved in selling the securities may be deemed to be “underwriters” within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by such broker-dealers or agents and any profit on the resale of the securities purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. The selling stockholders have informed the Company that it does not have any written or oral agreement or understanding, directly or indirectly, with any person to distribute the securities.

The Company is required to pay certain fees and expenses incurred by the Company incident to the registration of the securities. The Company has agreed to indemnify the selling stockholders against certain losses, claims, damages and liabilities, including liabilities under the Securities Act.

We agreed to use commercially reasonable efforts to keep this registration statement effective at all times until the selling stockholders no longer own any Warrants or shares of Common Stock issuable upon the exercise of the Warrants.

Under applicable rules and regulations under the Exchange Act, any person engaged in the distribution of the resale securities may not simultaneously engage in market making activities with respect to the Common Stock for the applicable restricted period, as defined in Regulation M, prior to the commencement of the distribution. In addition, the selling stockholders will be subject to applicable provisions of the Exchange Act and the rules and regulations thereunder, including Regulation M, which may limit the timing of purchases and sales of the Common Stock by the selling stockholders or any other person. We will make copies of this prospectus available to the selling stockholders and have informed them of the need to deliver a copy of this prospectus to each purchaser at or prior to the time of the sale (including by compliance with Rule 172 under the Securities Act).

DESCRIPTION OF OUR SECURITIES TO BE REGISTERED

The securities to be registered on this registration statement on Form S-1 include up to an aggregate amount of 1,650,170 shares of our common stock issuable upon exercise of warrants acquired by the selling stockholders under the Purchase Agreement with an exercise price of \$2.78 per share.

General

The following is a summary of material characteristics of our capital stock as set forth in our certificate of incorporation, as amended (“certificate of incorporation”), and bylaws, and certain provisions of Delaware law. The following description does not purport to be complete and is subject to and qualified in its entirety by, and should be read in conjunction with, our certificate of incorporation and bylaws, each of which are filed as exhibits to this registration statement and are incorporated herein by reference. The summaries and descriptions below do not purport to be complete statements of the Delaware General Corporation Law (“DGCL”).

Authorized Capital Stock

Our certificate of incorporation authorizes us to issue 250,000,000 shares of common stock, par value \$0.001 per share, and 10,000,000 shares of preferred stock, par value \$0.001 per share.

Common Stock

Voting Rights. The holders of our common stock are entitled to one vote for each share held of record on all matters on which the holders are entitled to vote (or consent to).

Dividends. The holders of our common stock are entitled to receive, ratably, dividends only if, when and as declared by our board of directors out of funds legally available

therefor and after provision is made for each class of capital stock having preference over the common stock.

Liquidation Rights. In the event of our liquidation, dissolution or winding-up, the holders of our common stock may be entitled to share, ratably, in all assets remaining available for distribution after payment or provision for payment of all debts and other liabilities and subject to the rights of each class or series of capital stock having preference over, or right to participate with, the common stock.

Preemptive and Similar Rights. The holders of our common stock have no preemptive or similar rights.

Forum Selection

Our certificate of incorporation and our bylaws provide that the Court of Chancery of the State of Delaware is the exclusive forum for any derivative action or proceeding brought on our behalf; any action asserting a breach of fiduciary duty; any action asserting a claim against us arising pursuant to the DGCL, our certificate of incorporation or our bylaws; or any action asserting a claim against us that is governed by the internal affairs doctrine. Notwithstanding the foregoing, the exclusive forum provision does not apply to suits brought to enforce any liability or duty created by the Exchange Act, the Securities Act or any other claim for which the federal courts have exclusive jurisdiction. Unless we consent in writing to the selection of an alternative forum, the federal district courts of the United States of America shall, to the fullest extent permitted by applicable law, be the sole and exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act. The choice of forum provision may limit a stockholder's ability to bring a claim in a judicial forum that it finds favorable for disputes with us or our directors, officers or other employees, which may discourage such lawsuits against us and our directors, officers and other employees.

Anti-Takeover Provisions

Our certificate of incorporation and bylaws contain provisions that may delay, defer or discourage another party from acquiring control of us. We expect that these provisions, which are summarized below, will discourage coercive takeover practices or inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors, which we believe may result in an improvement of the terms of any such acquisition in favor of our stockholders. However, they also give our board of directors the power to discourage acquisitions that some stockholders may favor.

Authorized but unissued shares

The authorized but unissued shares of our common stock and our preferred stock are available for future issuance without stockholder approval, subject to the requirements of any national securities exchange on which our common stock is listed, should we so qualify for listing. These additional shares may be used for a variety of corporate finance transactions, acquisitions and employee benefit plans. The existence of authorized but unissued and unreserved common stock and preferred stock could make more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

Elimination of Stockholder Action by Written Consent

Our certificate of incorporation eliminates the right of stockholders to act by written consent without a meeting.

Special meetings of stockholders

Our certificate of incorporation and bylaws provide that, except as otherwise required by law or provided by the resolution or resolutions adopted by our board of directors designating the rights, powers and preferences of any series of preferred stock, special meetings of our stockholders may be called only by (a) our board of directors pursuant to a resolution approved by a majority of the total number of our directors that we would have if there were no vacancies or (b) the chair of our board of directors, and any power of our stockholders to call a special meeting is specifically denied.

Advance notice requirements for stockholder proposals and director nominations

Our bylaws provide for an advance notice procedure for stockholder proposals to be brought before an annual meeting of stockholders, including proposed nominations of candidates for election to our board of directors. In order for any matter to be "properly brought" before a meeting, a stockholder must comply with advance notice and duration of ownership requirements and provide us with certain information. Stockholders at an annual meeting may only consider proposals or nominations specified in the notice of meeting or brought before the meeting by or at the direction of our board of directors or by a qualified stockholder of record on the record date for the meeting, who is entitled to vote at the meeting and who has delivered timely written notice in proper form to our secretary of the stockholder's intention to bring such business before the meeting. These provisions could have the effect of delaying stockholder actions that are favored by the holders of a majority of our outstanding voting securities until the next stockholder meeting.

Amendment of Certificate of Incorporation or Bylaws

The DGCL provides generally that the affirmative vote of a majority of the shares entitled to vote on any matter is required to amend a corporation's certificate of incorporation, unless a corporation's certificate of incorporation requires a greater percentage. Our certificate of incorporation provides that certain provisions of our certificate of incorporation (namely, those provisions relating to (i) directors; (ii) limitation of director liability, indemnification and advancement of expenses and renunciation of corporate opportunities; (iii) meetings of stockholders; and (iv) certain amendments to our certificate of incorporation and bylaws) may not be altered, amended or repealed in any respect (including by merger, consolidation or otherwise), nor may any provision inconsistent therewith be adopted, unless such alteration, amendment, repeal or adoption is approved by the affirmative vote of the holders of at least sixty-six and two-thirds percent (66 2/3%) of the voting power of all of our then-outstanding shares then entitled to vote generally in an election of directors, voting together as a single class. Our certificate of incorporation and bylaws also provide that approval of stockholders holding sixty-six and two-thirds percent (66 2/3%) of the voting power of all of our then-outstanding shares entitled to vote generally in an election of directors, voting together as a single class, is required for stockholders to make, alter, amend, or repeal any provision of our bylaws. Our board of directors retains the right to alter, amend or repeal our bylaws.

Classified Board of Directors

Our certificate of incorporation provides for a classified board of directors consisting of three classes of approximately equal size, each serving staggered three-year terms. Only the directors in one class will be subject to election by a plurality of the votes cast at each annual meeting of stockholders, with the directors in the other classes continuing for the remainder of their respective three-year terms. Stockholders do not have the ability to cumulate votes for the election of directors.

Limitations on Liability and Indemnification of Officers and Directors

Our certificate of incorporation and bylaws provide indemnification for our directors and officers to the fullest extent permitted by the DGCL. We have entered into Indemnification Agreements with each of our directors that may be, in some cases, broader than the specific indemnification provisions contained under the DGCL. In addition, as permitted by the DGCL, our certificate of incorporation and bylaws includes provisions that eliminate the personal liability of our directors for monetary damages resulting from breaches of certain fiduciary duties as a director. The effect of this provision is to restrict our rights and the rights of our stockholders in derivative suits to recover monetary damages against a director for breach of fiduciary duties as a director. These provisions may be held not to be enforceable for violations of the federal securities laws

Section 203 of the Delaware General Corporation Law

We are subject to the provisions of Section 203 of the DGCL. In general, Section 203 prohibits a publicly-held Delaware corporation from engaging in a “business combination” with an “interested stockholder” for a three-year period following the time that such stockholder becomes an interested stockholder, unless the business combination is approved in a prescribed manner. A “business combination” includes, among other things, 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 did own within three years prior to the determination of interested stockholder status, 15% or more of the corporation’s voting stock.

Under Section 203, a business combination between a corporation and an interested stockholder is prohibited unless it satisfies one of the following conditions:

- before the stockholder became interested, the board of directors approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;
- upon consummation 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, excluding for purposes of determining the voting stock outstanding, shares owned by persons who are directors and also officers, and employee stock plans, in some instances; or
- at or after the time the stockholder became interested, the business combination was approved by the board of directors of the corporation and authorized at an annual or special meeting of the stockholders by the affirmative vote of at least two-thirds of the outstanding voting stock that is not owned by the interested stockholder.

A Delaware corporation may “opt out” of these provisions with an express provision in its original certificate of incorporation or an express provision in its amended and restated certificate of incorporation or by-laws resulting from a stockholders’ amendment approved by at least a majority of the outstanding voting shares. We have not opted out of these provisions. As a result, mergers or other takeover or change in control attempts of us may be discouraged or prevented.

Listing

Our common stock is listed on The Nasdaq Capital Market under the symbol “ACXP.”

Transfer Agent and Registrar

The transfer agent and registrar of our common stock is VStock Transfer, LLC. They are located at 18 Lafayette Place, Woodmere, New York 11598. Their telephone number is (212) 828-8436.

LEGAL MATTERS

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., New York, New York, will pass upon the validity of the issuance of the securities to be offered by this prospectus.

EXPERTS

The financial statements of Acurx Pharmaceuticals, Inc. for the two years ended December 31, 2025 have been audited by CohnReznick LLP, independent registered public accounting firm, as set forth in their report thereon appearing in Acurx Pharmaceuticals, Inc.’s [Annual Report on Form 10-K for the year ended December 31, 2025](#) and incorporated by reference herein. Such financial statements are incorporated by reference upon such report, which includes an explanatory paragraph on Acurx Pharmaceuticals, Inc.’s ability to continue as a going concern, given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement on Form S-1 with respect to the shares of common stock offered by this prospectus with the SEC in accordance with the Securities Act and the rules and regulations enacted under its authority. This prospectus, which constitutes a part of the registration statement, does not contain all of the information included in the registration statement and its exhibits and schedules. Any statement made in this prospectus concerning the contents of any contract, agreement or other document is only a summary of the actual contract, agreement or other document. If we have filed or incorporated by reference any contract, agreement or other document as an exhibit to the registration statement, you should read the exhibit for a more complete understanding of the document or matter involved. Each statement regarding a contract, agreement or other document is qualified by reference to the actual document. For further information regarding us and the shares of common stock offered by this prospectus, we refer you to the full registration statement, including its exhibits and schedules, filed under the Securities Act.

The SEC maintains a website at <http://www.sec.gov> that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC. Our registration statement, of which this prospectus constitutes a part, can be downloaded from the SEC’s website.

We also file annual, quarterly and current reports, proxy statements and other information with the SEC. You can read our SEC filings on the SEC’s website at <http://www.sec.gov>.

Our website address is <http://www.acurxpharma.com>. There we make available free of charge, on or through the investor relations section of our website, annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after we electronically file such material with the SEC. The information contained on, or that can be accessed through, our website is not a part of this prospectus, and our reference to the address for our website is intended to be an inactive textual reference only.

INCORPORATION OF DOCUMENTS BY REFERENCE

The rules of the SEC allow us to incorporate by reference into this prospectus the information we file with the SEC. This means that we are disclosing important information to you by referring to other documents. The information incorporated by reference is considered to be part of this prospectus, except for any information superseded by information contained directly in this prospectus. We incorporate by reference the documents listed below (other than any portions thereof, which under the Exchange Act, and applicable SEC rules, are not deemed “filed” under the Exchange Act):

- [our Annual Report on Form 10-K for the fiscal year ended December 31, 2025, filed with the SEC on March 12, 2026](#);
- our Current Reports on Form 8-K, filed with the SEC on [March 9, 2026](#) and [April 16, 2026](#) (except for any information furnished under Items 2.02 or 7.01 and exhibits furnished thereto); and
- the description of our common stock contained in our registration statement on [Form 8-A initially filed on June 23, 2021](#), including any amendment or report filed for the purpose of updating such description.

The SEC file number for each of the documents listed above is 001-40536.

In addition, all documents subsequently filed by us with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the termination of the offering, shall be deemed to be incorporated by reference into this prospectus; provided, however, that all reports, exhibits and other information that we “furnish” to the SEC will not be considered incorporated by reference into this prospectus. If we have incorporated by reference any statement or information in this prospectus and we subsequently modify that statement or information with information contained in this prospectus, the statement or information previously incorporated in this prospectus is also modified or superseded in the same manner.

You may request, orally or in writing, a copy of any or all of the documents incorporated herein by reference. These documents will be provided to you at no cost, by contacting:

Acurx Pharmaceuticals, Inc.
259 Liberty Avenue
Staten Island, NY 10305
Telephone: (917) 533-1469

You may also access these documents on our website, <http://www.acurxpharma.com>. The information contained on, or that can be accessed through, our website is not a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

You should rely only on information contained in, or incorporated by reference into, this prospectus and any prospectus supplement. We have not authorized anyone to provide you with information different from that contained in this prospectus or incorporated by reference in this prospectus. We are not making offers to sell the securities in any jurisdiction in which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation.