

PROSPECTUS



14,846,665 Shares of Common Stock

65,153,335 Pre-Funded Warrants to Purchase up to 65,153,335 Shares of Common Stock

65,153,335 Shares of Common Stock underlying Pre-Funded Warrants

We are offering on a reasonable best efforts basis 14,846,665 shares of our common stock, par value \$0.0001 per share. The public offering price for each share of common stock is \$0.75.

We are also offering pre-funded warrants, or Pre-Funded Warrants, to purchase up to an aggregate of 65,153,335 shares of common stock to those purchasers whose purchase of shares of common stock in this offering would result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock following the consummation of this offering in lieu of the shares of our common stock that would result in ownership in excess of 4.99% (or, at the election of the purchaser, 9.99%). Each Pre-Funded Warrant will be exercisable for one share of common stock at an exercise price of \$0.001 per share. The public offering price for each such Pre-Funded Warrant is \$0.749, which is equal to the public offering price for each share of common stock of \$0.75, less the \$0.001 per share exercise price of each such Pre-Funded Warrant. Each Pre-Funded Warrant will be exercisable upon issuance and will expire when exercised in full. This offering also relates to the shares of common stock issuable upon the exercise of the Pre-Funded Warrants.

This offering will terminate on December 31, 2025, unless we decide to terminate the offering (which we may do at any time in our discretion) prior to that date. We will have one closing for all the securities purchased in this offering. The public offering price per share (or Pre-Funded Warrant) will be fixed for the duration of this offering.

We have engaged H.C. Wainwright & Co., LLC, or the placement agent or Wainwright, to act as our exclusive placement agent in connection with this offering. The placement agent has agreed to use its reasonable best efforts to arrange for the sale of the securities offered by this prospectus. The placement agent is not purchasing or selling any of the securities we are offering and the placement agent is not required to arrange the purchase or sale of any specific number or dollar amount of securities. We have agreed to pay to the placement agent the placement agent fees set forth in the table below. There is no arrangement for funds to be received in escrow, trust or similar arrangement. There is no minimum offering requirement. We will bear all costs associated with the offering. See "Plan of Distribution" on page 16 of this prospectus for more information regarding these arrangements.

Our common stock and certain of our outstanding warrants are currently listed on The Nasdaq Capital Market ("Nasdaq") under the symbol "KTTA" and "KTTAW," respectively. On November 26, 2025, the closing price of our common stock on Nasdaq was \$1.06 per share. There is no established public trading market for the Pre-Funded Warrants that are part of this offering, and we do not expect a market to develop. We do not intend to apply for listing of the Pre-Funded Warrants on any securities exchange or other nationally recognized trading system. Without an active trading market, the liquidity of the Pre-Funded Warrants will be limited.

You should read this prospectus, together with additional information described under the headings “Information Incorporated by Reference” and “Where You Can Find More Information,” carefully before you invest in any of our securities.

We are an “emerging growth company” as that term is used in the Jumpstart Our Business Startups Act of 2012 and a “smaller reporting company”, and as such, we have elected to take advantage of certain reduced public company reporting requirements for this prospectus and future filings. Investing in our securities involves a high degree of risk. See “Risk Factors” beginning on page 6 of this prospectus for a discussion of information that should be considered in connection with an investment in our securities. See “Prospectus Summary — Implications of Being an Emerging Growth Company” and “Prospectus Summary — Implications of Being a Smaller Reporting Company.”

Investing in our securities involves a high degree of risk. See the section titled “Risk Factors” beginning on page 6 of this prospectus and in the documents incorporated by reference into this prospectus for a discussion of risks that should be considered in connection with an investment in our securities.

	Per Share	Per Pre-Funded Warrant	Total
Public offering price	\$ 0.75	\$ 0.749	\$ 59,934,846.67
Placement Agent Fees (1)	\$ 0.053	\$ 0.053	\$ 4,200,000.00
Proceeds to us, before expenses (2)	\$ 0.697	\$ 0.696	\$ 55,734,846.67

- (1) In addition, we have agreed to issue the placement agent or its designees warrants to purchase a number of shares of common stock equal to 5% of the shares of common stock sold in this offering (including the shares of common stock issuable upon the exercise of the Pre-Funded Warrants), at an exercise price of \$0.9375 per share, which represents 125% of the public offering price per share. For a description of compensation to be received by the placement agent, see “Plan of Distribution” for more information.
- (2) Because there is no minimum number of securities or amount of proceeds required as a condition to closing in this offering, the actual public offering amount, placement agent fees, and proceeds to us, if any, are not presently determinable and may be substantially less than the total maximum offering amounts set forth above. For more information, see “Plan of Distribution.”

Certain Company insiders, including the Company’s Chief Executive Officer, Chief Financial Officer and certain members of the Company’s board of directors, are participating in this offering. These Company insiders are purchasing an aggregate of 400,000 shares of common stock, for an aggregate purchase price of approximately \$300,000. The purchase price per share for these Company insiders is the same as being paid by other investors in this offering.

The delivery of the shares of common stock and any Pre-Funded Warrants to purchasers is expected to be made on or about December 1, 2025, subject to satisfaction of customary closing conditions.

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

H.C. Wainwright & Co.

The date of this prospectus is November 28, 2025.

TABLE OF CONTENTS

	Page
<u>ABOUT THIS PROSPECTUS</u>	ii
<u>CAUTIONARY NOTE CONCERNING FORWARD-LOOKING STATEMENTS</u>	iii
<u>PROSPECTUS SUMMARY</u>	1
<u>THE OFFERING</u>	4
<u>RISK FACTORS</u>	6
<u>USE OF PROCEEDS</u>	10
<u>DILUTION</u>	11
<u>DESCRIPTION OF CAPITAL STOCK</u>	12
<u>DESCRIPTION OF SECURITIES WE ARE OFFERING</u>	15
<u>PLAN OF DISTRIBUTION</u>	16
<u>INFORMATION INCORPORATED BY REFERENCE</u>	19
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	20
<u>LEGAL MATTERS</u>	20
<u>EXPERTS</u>	20

ABOUT THIS PROSPECTUS

We incorporate by reference important information into this prospectus. You may obtain the information incorporated by reference without charge by following the instructions under “Where You Can Find More Information.” You should carefully read this prospectus as well as additional information described under “Information Incorporated by Reference,” before deciding to invest in our securities.

We have not, and the placement agent has not, authorized anyone to provide any information or to make any representations other than those contained in this prospectus 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. This prospectus is an offer to sell only the securities offered hereby, and only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this prospectus 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 information incorporated by reference or provided in this prospectus contains statistical data and estimates, including those relating to market size and competitive position of the markets in which we participate, that we obtained from our own internal estimates and research, as well as from industry and general publications and research, surveys and studies conducted by third parties. Industry publications, studies and surveys generally state that they have been obtained from sources believed to be reliable. While we believe our internal company research is reliable and the definitions of our market and industry are appropriate, neither this research nor these definitions have been verified by any independent source.

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

This prospectus and the information incorporated by reference into this prospectus contain references to our trademarks and to trademarks belonging to other entities. Solely for convenience, trademarks and trade names referred to in this prospectus and the information incorporated by reference into this prospectus, including logos, artwork, and other visual displays, may appear without the ® or TM symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the rights of the applicable licensor to these trademarks and trade names. We do not intend our use or display of other companies’ trade names or trademarks to imply a relationship with, or endorsement or sponsorship of us by, any other company.

CAUTIONARY NOTE CONCERNING FORWARD-LOOKING STATEMENTS

Except for historical information, this prospectus contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Forward-looking statements include statements with respect to our beliefs, plans, objectives, goals, expectations, anticipations, assumptions, estimates, intentions and future performance, and involve known and unknown risks, uncertainties and other factors, which may be beyond our control, and which may cause our actual results, performance or achievements to be materially different from future results, performance or achievements expressed or implied by such forward-looking statements. All statements other than statements of historical fact are statements that could be forward-looking statements. You can identify these forward-looking statements through our use of words such as “may,” “can,” “anticipate,” “assume,” “should,” “indicate,” “would,” “believe,” “contemplate,” “expect,” “seek,” “estimate,” “continue,” “plan,” “point to,” “project,” “predict,” “could,” “intend,” “target,” “potential” and other similar words and expressions of the future.

There are a number of important factors that could cause the actual results to differ materially from those expressed in any forward-looking statement made by us. These factors include, but are not limited to:

- our lack of operating history;
- the expectation that we will incur significant operating losses for the foreseeable future and will need significant additional capital;
- the period over which we estimate our existing cash and cash equivalents will be sufficient to fund our future operating expenses and capital expenditure requirements;
- our estimates regarding expenses, future revenue, capital requirements and needs for additional financing;
- our ability to regain and maintain compliance with the listing standards of Nasdaq;
- our plans to develop and commercialize our product candidates involve a lengthy and expensive process, with an uncertain outcome;
- the initiation, enrollment, timing, progress, results, and cost of our research and development programs and our current and future preclinical studies and clinical trials, including statements regarding the timing of initiation and completion of studies or trials and related preparatory work, the period during which the results of the trials will become available;
- the timing of interim data and final results from our clinical trials for PAS-004;
- the potential safety and efficacy of our product candidates and the therapeutic implications of clinical and preclinical data;
- potential impacts of increased trade tariffs, import quotas or other trade restrictions or measures taken by the United States and other countries, including the recent and potential changes in U.S. trade policies that have been and may be made by the Trump presidential administration;
- the timing and focus of our future preclinical studies and clinical trials, and the reporting of data from those studies and trials;
- the size of the market opportunity for our future product candidates, including our estimates of the number of patients who suffer from the diseases we are targeting;
- the success of competing therapies that are or may become available;
- the beneficial characteristics, safety, efficacy and therapeutic effects of our future product candidates;
- our ability to obtain and maintain regulatory approval of our future product candidates;
- our plans relating to the further development of our future product candidates, including additional disease states or indications we may pursue;

- existing regulations and regulatory developments in the United States and other jurisdictions;
- our dependence on third parties;
- the need to hire additional personnel and our ability to attract and retain such personnel;
- our plans and ability to obtain or protect intellectual property rights, including extensions of patent terms where available and our ability to avoid infringing the intellectual property rights of others;
- our financial performance and sustaining an active trading market for our common stock and our existing publicly traded warrants;
- our ability to restructure our operations to comply with any potential future changes in government regulation;
- the impact of global economic and market conditions and political developments on our business, including, among others, rising inflation and capital market disruptions, economic sanctions, bank failures, regional conflicts around the world, and economic slowdowns or recessions that may result from such developments which could harm our research and development efforts as well as the value of our common stock and our ability to access capital markets; and
- other factors discussed in our most recent Annual Report on Form 10-K.

The foregoing does not represent an exhaustive list of matters that may be covered by the forward-looking statements contained herein or risk factors that we are faced with that may cause our actual results to differ from those anticipated in such forward-looking statements. The events and circumstances reflected in our forward-looking statements may not be achieved or occur and actual results could differ materially from those projected in the forward-looking statements. You should refer to the “Risk Factors” section of this prospectus for a discussion of important factors that may cause our actual results to differ materially from those expressed or implied by our forward-looking statements. You should review the factors and risks and other information we describe in the reports we will file from time to time with the Securities and Exchange Commission (the “SEC”) after the date of this prospectus.

All forward-looking statements are expressly qualified in their entirety by this cautionary note. You are cautioned to not place undue reliance on any forward-looking statements, which speak only as of the date of this prospectus or the date of the document incorporated by reference into this prospectus. You should read this prospectus and the documents that we reference in this prospectus and have filed as exhibits to the registration statement, of which this prospectus is a part, completely and with the understanding that our actual future results may be materially different from what we expect. We have no obligation, and expressly disclaims any obligation, to update, revise or correct any of the forward-looking statements, whether as a result of new information, future events or otherwise. We have expressed our expectations, beliefs and projections in good faith and believe they have a reasonable basis. However, we cannot assure you that our expectations, beliefs or projections will result or be achieved or accomplished.

PROSPECTUS SUMMARY

This summary highlights information about our company, this offering and information contained in greater detail in other parts of this prospectus or incorporated by reference into this prospectus from our filings with the SEC listed in the section titled “Information Incorporated by Reference.” Because it is only a summary, it does not contain all of the information that you should consider before purchasing our securities in this offering and it is qualified in its entirety by, and should be read in conjunction with, the more detailed information appearing elsewhere or incorporated by reference into this prospectus. You should read the entire prospectus, the registration statement of which this prospectus is a part, and the information incorporated by reference into this prospectus in their entirety, including the “Risk Factors” and our financial statements and the related notes incorporated by reference into this prospectus, before purchasing our securities in this offering. Except as otherwise indicated herein or as the context otherwise requires, references in this prospectus to “Pasithea Therapeutics” “the Company,” “we,” “us” and “our” refer to Pasithea Therapeutics Corp.

Corporate Overview

We are a clinical-stage biotechnology company primarily focused on the discovery, research and development of innovative treatments for central nervous system (CNS) disorders, RASopathies, MAPK pathway-driven tumors and other diseases.

Our primary operations (the “Therapeutics” segment) are focused on developing our lead product candidate, PAS-004, a next-generation macrocyclic mitogen-activated protein kinase, or MEK inhibitor that we believe may address the limitations and liabilities associated with existing drugs targeting a similar mechanism of action. In December 2023, the U.S. Food and Drug Administration (the “FDA”) cleared our Investigational New Drug application (the “IND”) for PAS-004 and we received a study may proceed letter from the FDA for our Phase 1 multicenter, open-label, dose escalation trial of PAS-004 in patients with MAPK pathway-driven advanced tumors with a documented RAS, NF1 or RAF mutation or patients who have failed BRAF/MEK inhibition (the “FIH Phase 1 Dose Escalation Study”). We are currently conducting the FIH Phase 1 Dose Escalation Study at four clinical sites in the United States and three additional sites in Eastern Europe and expect to complete the FIH Phase 1 Dose Escalation Study in 2026.

In May 2025, we initiated our Phase 1/1b multicenter, open-label, dose escalation trial of PAS-004 in adult patients with neurofibromatosis type 1 (“NF1”) with symptomatic and inoperable, incompletely resected, or recurrent plexiform neurofibromas (“PN”). We are currently conducting the trial at a total of five sites in Australia, South Korea and the United States in up to 24 patients in a dose escalation phase followed by approximately 24 patients in an expansion phase.

The initial indication we plan to seek FDA marketing approval for PAS-004 is the treatment of symptomatic PNs in both adult and pediatric patients with NF1. As such, we aim to conduct a Phase 1 trial for pediatric NF1-PN patients and ultimately complete registrational clinical trials in both adult and pediatric NF1-PN populations.

Additionally, we have two programs that are in the discovery stage, which we believe address limitations in the treatment paradigm of the indications we plan to address with these programs, which are currently amyotrophic lateral sclerosis for PAS-003 and schizophrenia for PAS-001.

Recent Developments

Clinical Updates

On April 29, 2025, we announced completion of enrollment and initial dosing of three subjects in cohort 6 with 30mg capsules of PAS-004 from our ongoing FIH Phase 1 Dose Escalation Study. On May 6, 2025, we announced pharmacodynamics results demonstrating robust target engagement from our ongoing FIH Phase 1 Dose Escalation Study of PAS-004. On May 14, 2025, we announced the initiation of our Phase 1/1b clinical trial to assess PAS-004 in adult NF1-PN patients. On July 31, 2025, we announced the completion of enrollment and initial dosing of the first cohort of three patients from our Phase 1/1b clinical trial in adult NF1-PN patients.

On September 16, 2025, we announced the activation of two clinical trial sites in South Korea—Asan Medical Centre and Severance Hospital Yonsei University Health System—in connection with the Phase 1/1b clinical trial of PAS-004 in adult NF1-PN patients.

On November 4, 2025, we announced the activation of a new U.S. clinical trial site at the University of Alabama at Birmingham in connection with the Phase 1/1b clinical trial of PAS-004 in adult NF1-PN patients.

On November 20, 2025, we announced positive interim Phase 1 data from our ongoing first-in-human clinical trial of PAS-004 in patients with advanced solid tumors driven by MAPK pathway alterations, including documented RAS, NF1 or RAF mutations, and in patients who have failed prior BRAF/MEK inhibition.

On November 21, 2025, we announced positive tablet PK data from our ongoing Phase 1/1b open-label study evaluating PAS-004 in adult patients with neurofibromatosis type 1 (NF1) with symptomatic and inoperable, incompletely resected, or recurrent plexiform neurofibromas.

On November 24, 2025, we announced positive safety, PK and PD data from Cohort 7 (37mg capsule) in our ongoing first-in-human trial evaluating PAS-004 in patients with MAPK pathway-driven advanced solid tumors with a documented RAS, NF1 or RAF mutation, or in patients who have failed prior BRAF/MEK inhibition.

On November 25, 2025, we announced that the ALS Association has awarded a Hoffman ALS Clinical Trial Award grant worth approximately \$1 million to study PAS-004 in ALS patients. The award was given to study the “Efficacy, safety and tolerability of PAS-004 for the treatment of ALS.”

May 2025 Public Offering

On May 7, 2025, we sold (the “May 2025 Public Offering”) (i) an aggregate of 3,094,284 shares of our common stock, (ii) pre-funded warrants to purchase up to an aggregate of 477,144 shares of our common stock at an exercise price of \$0.001 per share, (iii) Series C warrants to purchase up to an aggregate of 3,571,428 shares of our common stock at an exercise price of \$1.40 per share, and (iv) Series D warrants to purchase up to an aggregate of 3,571,428 shares of our common stock at an exercise price of \$1.40 per share. The combined public offering price per share of common stock and accompanying warrants was \$1.40, and the combined public offering price per pre-funded warrant and accompanying warrants was \$1.399. Aggregate gross proceeds from the May 2025 Public Offering were approximately \$5.0 million. Simultaneously with the closing of the May 2025 Public Offering, all pre-funded warrants were exercised in full and certain investors exercised Series D warrants to purchase an aggregate of 914,286 shares of our common stock, resulting in additional gross proceeds of approximately \$1.3 million.

Nasdaq Deficiency

On June 23, 2025, we received a written notice (the “Notice”) from the Listing Qualifications Department of the Nasdaq Stock Market indicating that we are not in compliance with the \$1.00 minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2) for continued listing on The Nasdaq Capital Market (the “Bid Price Requirement”). The Notice does not result in the immediate delisting of our common stock from the Nasdaq.

We intend to monitor the closing bid price of our common stock and are considering our options to regain compliance with the Bid Price Requirement within the allotted deadlines for compliance, including implementing a potential reverse stock split of our common stock, authority for which was granted to our board of directors by our stockholders at our 2025 annual meeting of stockholders for a period of one year following such meeting.

Amendment to the 2023 Stock Incentive Plan

On September 3, 2025, at our 2025 Annual Meeting of Stockholders, our stockholders approved an amendment (the “Plan Amendment”) to our 2023 Stock Incentive Plan (the “2023 Incentive Plan”) increasing the number of shares of common stock authorized for issuance under the 2023 Incentive Plan by 1,750,000 shares to 2,014,221 shares. The Plan Amendment became effective following its approval by our stockholders.

Implications of Being an Emerging Growth Company

We are an emerging growth company as defined in the Jumpstart Our Business Startups Act of 2012. We will remain an emerging growth company until the earliest to occur of: the last day of the fiscal year in which we have more than \$1.235 billion in annual revenues; the date we qualify as a “large accelerated filer”; the issuance, in any three-year period, by us of more than \$1.0 billion in non-convertible debt securities; and the last day of the fiscal year ending after the fifth anniversary of our first sale of common equity securities pursuant to a U.S. registration.

As an emerging growth company, we may take advantage of certain exemptions from various reporting requirements that are applicable to other publicly traded entities that are not emerging growth companies. These exemptions include: (i) the option to present only two years of audited financial statements and related discussion in the section titled “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our filings with the SEC; (ii) not being required to comply with the auditor attestation requirements of Section 404(b) of the Sarbanes-Oxley Act of 2002; (iii) not being required to comply with any requirement that may be adopted by the Public Company Accounting Oversight Board, or PCAOB, regarding mandatory audit firm rotation or a supplement to the auditor’s report providing additional information about the audit and the financial statements (i.e., an auditor discussion and analysis); (iv) not being required to submit certain executive compensation matters to shareholder advisory votes, such as “say-on-pay,” “say-on-frequency,” and “say-on-golden parachutes”; and (v) not being required to disclose certain executive compensation related items such as the correlation between executive compensation and performance and comparisons of the chief executive officer’s compensation to median employee compensation.

Implications of Being a Smaller Reporting Company

We are a “smaller reporting company” as defined in Item 10(f)(1) of Regulation S-K. Smaller reporting companies may take advantage of certain reduced disclosure obligations, including, among other things, providing only two years of audited financial statements. We will remain a smaller reporting company until the last day of any fiscal year for so long as either (1) the market value of our shares of common stock held by non-affiliates does not equal or exceed \$250.0 million as of the prior June 30th, or (2) our annual revenues did not equal or exceed \$100.0 million during such completed fiscal year and the market value of our shares of common stock held by non-affiliates did not equal or exceed \$700.0 million as of the prior June 30th. To the extent we take advantage of any reduced disclosure obligations, it may make comparison of our financial statements with other public companies difficult or impossible.

Corporate Information

We were formed as a Delaware corporation in May 2020.

“Pasisithea” and our other common law trademarks, service marks or trade names appearing herein are the property of Pasisithea Therapeutics Corp. We do not intend the use or display of other companies’ trademarks and trade names to imply a relationship with, or endorsement or sponsorship of us by, any other companies.

Our mailing address is 1111 Lincoln Road, Suite 500, Miami Beach, FL 33139 and our telephone number is (786) 977-3380. Our website address is www.pasisithea.com.

Information contained in, or accessible through, our website does not constitute part of this prospectus or registration statement and inclusions of our website address in this prospectus or registration statement are inactive textual references only. You should not rely on any such information in making your decision whether to purchase our securities.

THE OFFERING

Common Stock to be Offered 14,846,665 shares.

Pre-Funded Warrants to be Offered We are also offering Pre-Funded Warrants to purchase up to an aggregate of 65,153,335 shares of common stock to those investors whose purchase of shares of common stock in this offering would otherwise result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock immediately following the consummation of this offering, in lieu of shares of common stock that would otherwise result in any such purchaser's beneficial ownership exceeding 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock. Each Pre-Funded Warrant will be exercisable for one share of our common stock. The purchase price of each Pre-Funded Warrant will equal the price at which each share of common stock is being sold to the public in this offering, minus \$0.001, and the exercise price of each Pre-Funded Warrant will be \$0.001 per share. The Pre-Funded Warrants will be exercisable immediately and may be exercised at any time until all of the Pre-Funded Warrants are exercised in full. This offering also relates to the shares of common stock issuable upon exercise of the Pre-Funded Warrants sold in this offering.

Common Stock to be Outstanding Immediately After this Offering⁽¹⁾ 22,398,920 shares.

Use of Proceeds We estimate that the net proceeds from this offering will be approximately \$54.9 million, based on a public offering price of \$0.75 per share of common stock, after deducting the placement agent fees and estimated offering expenses payable by us.

We currently intend to use the net proceeds from the offering for general corporate purposes, which includes, without limitation, ongoing research and pre-clinical studies, clinical trials, the development of new biological and pharmaceutical technologies, investing in or acquiring companies that are synergistic with or complementary to our technologies, licensing activities related to our current and future product candidates, and to the development of emerging technologies, investing in or acquiring companies that are developing emerging technologies, licensing activities, or the acquisition of other businesses and working capital. See "Use of Proceeds" for additional information.

Risk Factors

An investment in our securities involves a high degree of risk. See “Risk Factors” beginning on page 6 of this prospectus and the other information included and incorporated by reference in this prospectus for a discussion of the risk factors you should carefully consider before deciding to invest in our securities.

Purchases by Company Insiders

Certain Company insiders, including the Company’s Chief Executive Officer, Chief Financial Officer and certain members of the Company’s board of directors, are participating in this offering. These Company insiders are purchasing an aggregate of 400,000 shares of common stock, for an aggregate purchase price of approximately \$300,000. The purchase price per share for these Company insiders is the same as being paid by other investors in this offering.

National Securities Exchange Listing

Our common stock and certain of our outstanding warrants are currently listed on Nasdaq under the symbols “KTTA” and “KTTAW,” respectively. There is no established public trading market for the Pre-Funded Warrants, and we do not expect a market to develop. In addition, we do not intend to apply to list the Pre-Funded Warrants on Nasdaq or on any other national securities exchange or other nationally recognized trading system. Without an active trading market, the liquidity of the Pre-Funded Warrants will be limited.

(1) The above discussion and table are based on 7,552,255 shares of common stock outstanding as of November 28, 2025, and excludes as of such date:

- 1,685,843 shares of common stock issuable upon exercise of stock options outstanding, at a weighted-average exercise price of \$2.77 per share;
- 9,782,262 shares of common stock issuable upon exercise of currently outstanding warrants, at a weighted-average exercise price of \$6.19 per share;
- 1,924,153 shares of common stock that are available for future issuance under our 2023 Stock Incentive Plan, as amended (the “2023 Plan”), or shares that will become available under our 2023 Plan;
- the shares of common stock issuable upon exercise of the Pre-Funded Warrants to be issued to investors in this offering; and
- the shares of common stock issuable upon the exercise of warrants to be issued to the placement agent or its designees in connection with this offering.

RISK FACTORS

Before purchasing any of the securities you should carefully consider the risk factors set forth below and incorporated by reference in this prospectus from our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, and any subsequent updates described in our Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, as well as the risks, uncertainties and additional information set forth in our SEC reports on Forms 10-K, 10-Q, and 8-K and in the other documents incorporated by reference in this prospectus. For a description of these reports and documents, and information about where you can find them, see “Where You Can Find More Information” and “Information Incorporated By Reference.” Additional risks not presently known or that we presently consider to be immaterial could subsequently materially and adversely affect our financial condition, results of operations, business, and prospects.

We have incurred losses since inception and anticipate that we will continue to incur losses for the foreseeable future. We are not currently profitable, and we may never achieve or sustain profitability.

We have never generated revenue from operations, are unlikely to generate revenues for several years, and are currently operating at a loss and expect our operating costs will increase significantly as we incur costs related to preclinical development, the clinical trials for our drug candidates and to operating as a public company. We expect to incur substantial expenses without corresponding revenues unless and until we are able to obtain regulatory approval and successfully commercialize one or more of our drug candidates. We may never be able to obtain regulatory approval for the marketing of any of our drug candidates in any indication in the United States or internationally. Even if we are able to commercialize our drug candidates, there can be no assurance that we will generate significant revenues or ever achieve profitability. We have incurred losses in each year since we commenced operations. We incurred net losses of approximately \$13.9 million and approximately \$16.0 million for the years ended December 31, 2024, and 2023, respectively, and net losses of approximately \$3.0 million and approximately \$10.3 million for the three and nine months ended September 30, 2025. As of December 31, 2024, we had an accumulated deficit of approximately \$49.6 million, and as of September 30, 2025, we had an accumulated deficit of approximately \$59.9 million. The size of our future net losses will depend, in part, on our future expenses and our ability to generate revenue, if any. Revenue from our current and potential future collaborations is uncertain because milestones or other contingent payments under our agreements may not be achieved or received.

As of December 31, 2024, we had capital resources consisting of cash and cash equivalents of \$6.9 million and as of September 30, 2025, we had capital resources consisting of cash and cash equivalents of \$4.1 million. We will continue to expend substantial cash resources for the foreseeable future for the clinical development of our product candidates and development of any other indications and product candidates we may choose to pursue. These expenditures will include costs associated with research and development, conducting preclinical studies and clinical trials, manufacturing and supply, as well as marketing and selling any products approved for sale. In particular, our Phase 3 clinical studies for our product candidates will require substantial funds to complete. Because the conduct and results of any clinical trial are highly uncertain, we cannot reasonably estimate the actual amounts necessary to successfully complete the development and commercialization of our current and any future product candidates.

We are uncertain when or if we will be able to achieve or sustain profitability. If we achieve profitability in the future, we may not be able to sustain profitability in subsequent periods. Failure to become and remain profitable would impair our ability to sustain operations and adversely affect the price of our securities and our ability to raise capital.

We will require additional capital to fund our operations, and if we fail to obtain necessary financing, we may not be able to complete the development and commercialization of our drugs.

We believe that our existing cash and cash equivalents, together with interest or dividends thereon, before giving effect to the proceeds of this offering, will be sufficient to fund our operations through December 2025. We have based these estimates, however, on assumptions that may prove to be wrong, and we could spend our available capital resources much faster than we currently expect or require more capital to fund our operations than we currently expect. Our currently anticipated expenditures for the development of our product candidates, PAS-004, PAS-003, and PAS-001, exceed our existing cash resources. Even after the completion of this offering, we will need to raise additional capital to fund our operations and continue to support our planned development and commercialization activities.

The report of our independent registered public accounting firms for the fiscal year ended December 31, 2024 contains an explanatory paragraph regarding substantial doubt about our ability to continue as a going concern.

Due to the uncertainty of our ability to meet our current operating and capital expenses, in its report on our audited annual financial statements as of and for the year ended December 31, 2024, our independent audit firm included an explanatory paragraph regarding concerns about our ability to continue as a going concern. Substantial doubt about our ability to continue as a going concern may materially and adversely affect the price per share of our common stock and certain of our warrants and we may have a more difficult time obtaining financing. Further, the perception that we may be unable to continue as a going concern may impede our ability to raise additional funds or operate our business due to concerns regarding our ability to discharge our contractual obligations. In addition, as a “best efforts offering” in which no minimum number or dollar amount of securities is required to be sold, we may be unable to raise sufficient capital to extend our cash runway beyond December 2025.

We have broad discretion in the use of the net proceeds from this offering and may not use them effectively.

Our management will have broad discretion in the application of the net proceeds, including for any of the purposes described in the section of this prospectus titled “Use of Proceeds”. You will be relying on the judgment of our management with regard to the use of these net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the net proceeds are being used appropriately. The failure by our management to apply these funds effectively could result in financial losses that could have a material adverse effect on our business, cause the price of our securities to decline and delay the development of our product candidates. Pending the application of these funds, we may invest the net proceeds from this offering in a manner that does not produce income or that loses value.

You will experience immediate and substantial dilution in the net tangible book value of the shares of common stock you purchase in this offering and may experience additional dilution in the future.

The public offering price per share of common stock, and the public offering price of each Pre-Funded Warrant, will be substantially higher than the as adjusted net tangible book value per share of our common stock after giving effect to this offering.

After giving effect to the sale of 14,846,665 shares of our common stock and Pre-Funded Warrants exercisable for 65,153,335 shares of our common stock, at a public offering price of \$0.75 per share and \$0.749 per Pre-Funded Warrant, and after deducting the placement agent fees and commissions and estimated offering expenses payable by us, you will incur immediate dilution of approximately \$0.08 per share. As a result of the dilution in net tangible book value to investors purchasing securities in this offering, investors may receive significantly less than the purchase price paid in this offering, if anything, in the event of the liquidation of our company. See the section titled “Dilution” below for a more detailed discussion of the dilution you will incur if you participate in this offering. To the extent shares of common stock are issued under outstanding options and warrants at exercise prices lower than the public offering price of our common stock in this offering, including the shares underlying the Pre-Funded Warrants, holders will incur further dilution.

There is no public market for the Pre-Funded Warrants being offered by us in this offering.

There is no established public trading market for the Pre-Funded Warrants, and we do not expect a market to develop. In addition, we do not intend to apply to list the Pre-Funded Warrants on Nasdaq or any other national securities exchange or other nationally recognized trading system. Without an active market, the liquidity of the Pre-Funded Warrants will be limited.

The Pre-Funded Warrants are speculative in nature.

The Pre-Funded Warrants offered hereby do not confer any rights of share of common stock ownership on their holders, such as voting rights, but rather merely represent the right to acquire shares of common stock at a fixed price. Specifically, commencing on their initial exercise date, holders of the Pre-Funded Warrants may acquire the shares of common stock issuable upon exercise of such warrants at an exercise price of \$0.001 per share of common stock. Moreover, following this offering, the market value of the Pre-Funded Warrants is uncertain and there can be no assurance that the market value of the Pre-Funded Warrants will equal or exceed its public offering price. There can be no assurance that the market price of the shares of common stock will ever equal or exceed the exercise price of the Pre-Funded Warrants, and consequently, whether it will ever be profitable for holders of the Pre-Funded Warrants to exercise the Pre-Funded Warrants.

Holders of the Pre-Funded Warrants offered hereby will have no rights as common stockholders with respect to the shares of our common stock underlying such warrants until such holders exercise their warrants and acquire our common stock, except as otherwise provided in the Pre-Funded Warrants.

Until holders of the Pre-Funded Warrants acquire shares of our common stock upon exercise thereof, such holders will have no rights with respect to the shares of our common stock underlying such warrants, except to the extent that holders of such Pre-Funded Warrants will have certain rights to participate in distributions or dividends paid on our common stock as set forth in the Pre-Funded Warrants. Upon exercise of the Pre-Funded Warrants, the holders will be entitled to exercise the rights of a common stockholder only as to matters for which the record date occurs after the exercise date.

Purchasers who purchase our securities in this offering pursuant to a securities purchase agreement may have rights not available to purchasers who purchase without the benefit of a securities purchase agreement.

In addition to rights and remedies available to all purchasers in this offering under federal securities and state law, the purchasers who enter into a securities purchase agreement will also be able to bring claims of breach of contract against us. The ability to pursue a claim for breach of contract provides those investors with the means to enforce the covenants uniquely available to them under the securities purchase agreement including, but not limited to: (i) timely delivery of securities; (ii) agreement to not enter into variable rate financings for one year from closing, subject to certain exceptions; (iii) agreement to not enter into any financings for 90 days from closing, subject to certain exceptions; and (iv) indemnification for breach of contract.

This is a best efforts offering, with no minimum amount of securities is required to be sold, and we may not raise the amount of capital we believe is required for our business plans, including our near-term business plans.

The placement agent has agreed to use its reasonable best efforts to solicit offers to purchase the securities in this offering. The placement agent has no obligation to buy any of the securities from us or to arrange for the purchase or sale of any specific number or dollar amount of the securities. There is no required minimum number of securities that must be sold as a condition to completion of this offering. Because there is no minimum offering amount required as a condition to the closing of this offering, the actual offering amount, placement agent fees and proceeds to us are not presently determinable and may be substantially less than the maximum amounts set forth above. We may sell fewer than all of the securities offered hereby, which may significantly reduce the amount of proceeds received by us, and investors in this offering will not receive a refund in the event that we do not sell an amount of securities sufficient to support our continued operations, including our near-term continued operations. Thus, we may not raise the amount of capital we believe is required for our operations in the short-term and may need to raise additional funds, which may not be available or available on terms acceptable to us.

Failure to comply with Nasdaq continued listing requirements may result in our common stock being delisted from Nasdaq.

On June 23, 2025, we received the Notice from the Listing Qualifications Department of Nasdaq indicating that, based upon the closing bid price of our common stock for 30 consecutive business days prior to the delivery of the Notice, we are not in compliance with the Bid Price Requirement, as set forth in Nasdaq Listing Rule 5550(a)(2). We were provided a compliance period of 180 calendar days from the date of the Notice, or until December 22, 2025, to regain compliance with the Bid Price Requirement, pursuant to Nasdaq Listing Rule 5810(c)(3)(A).

We will continue to monitor the closing bid price of our common stock and seek to regain compliance with all applicable Nasdaq requirements within the allotted compliance periods and may, if appropriate, consider available options, including implementation of a reverse stock split of our common stock, to regain compliance with the Bid Price Requirement. If we seek to implement a reverse stock split in order to remain listed on Nasdaq, the announcement or implementation of such a reverse stock split could negatively affect the price of our common stock. If we do not regain compliance within the allotted compliance periods, including any extensions that may be granted by Nasdaq, Nasdaq will provide notice that our common stock will be subject to delisting. We would then be entitled to appeal that determination to a Nasdaq hearings panel. There can be no assurance that we will regain compliance with the Bid Price Requirement during the 180-day compliance period or maintain compliance with the other Nasdaq listing requirements. A delisting could substantially decrease trading in our common stock, adversely affect the market liquidity of our common stock as a result of the loss of market efficiencies associated with Nasdaq and the loss of federal preemption of state securities laws, adversely affect our ability to obtain financing on acceptable terms, if at all, and may result in the potential loss of confidence by investors, suppliers, customers and employees and fewer business development opportunities. Additionally, the market price of our common stock may decline further, and stockholders may lose some or all of their investment.

In order to remain listed on Nasdaq, we may seek to implement a reverse stock split, which may not achieve the intended results and the market price of our common stock may be materially and negatively impacted.

At our 2025 annual meeting of stockholders held on September 3, 2025 (the “Annual Meeting”), our stockholders approved an amendment to our Second Amended and Restated Certificate of Incorporation, as amended, to effect, in the sole discretion of our board of directors at any time prior to the one-year anniversary date of the Annual Meeting, a reverse split of our common stock at a ratio to be determined by our board of directors within a range of 1-for-2 to 1-for-20 (or any number in between). The reverse stock split would primarily be intended to increase the per share market price of our common stock to meet the Bid Price Requirement.

If our board of directors implements a reverse stock split in order to remain listed on Nasdaq, the announcement or implementation of such a reverse stock split could negatively affect the price of our common stock. Additionally, although it is generally expected that a reverse stock split will result in a proportionate increase in the market price of the split shares, there can be no assurance that our common stock will trade at a multiple of our current price, or that any price increase will be sustained. If the market price of our common stock declines after the implementation of the reverse stock split, the percentage decline as an absolute number and as a percentage of our overall market capitalization would be greater than would be the case in the absence of the reverse stock split. Furthermore, the possibility exists that the reduction in the number of outstanding shares will adversely affect the market for our common stock by reducing the relative level of liquidity.

We cannot assure you that we will achieve any of the intended results of a reverse stock split, including regaining and maintaining compliance with Nasdaq listing standards and encouraging trading in our common stock by long-term investors. Accordingly, the market price and the value of your investment could be materially and negatively impacted.

Future sales of our outstanding securities may cause the market price of our securities to drop significantly, even if our business is doing well.

In addition to the registration statement of which this prospectus forms a part, we have filed a registration statement registering the sale of up to approximately 9.8 million shares of common stock underlying outstanding warrants that may be sold and/or issued into the public markets by certain securityholders. The shares, the offer and sale of which into the public markets is being registered, represent a significant number of shares in respect to our outstanding common stock. A portion of these warrants is presently “out of the money,” meaning that the exercise price of the warrants exceeds the current trading price of our common stock. The securityholders selling pursuant to the registration statements will determine the timing, pricing and rate at which they sell the underlying shares into the public market and such sales could have a significant negative impact on the trading price of our common stock. As such, while the securityholders selling pursuant to such registration statements may experience a positive rate of return based on the trading price at the time they sell their shares, public securityholders may not experience a similar rate of return on the securities they purchased due to differences in the prices at which such public securityholders purchased their shares and the trading price. Given the substantial number of shares of common stock the offer and sale of which is registered by the securityholders selling pursuant to such registration statements, the sale of shares by such securityholders, or the perception in the market that the securityholders of a large number of shares intend to sell shares, may increase the volatility of the market price of our common stock, and may cause the trading prices of our securities to experience a decline. Conversely, if the market price of our common stock remains below the applicable exercise price, the warrants may never be exercised, leaving a warrant overhang with respect to all outstanding warrants that investors may view as an impediment to price appreciation, thereby further depressing the market price of our common stock.

Further, we registered the offer and sale of up to approximately \$2.1 million of shares of common stock under an at-the-market offering facility pursuant to that certain sales agreement, dated November 26, 2024 (the “Sales Agreement”), between us and Wainwright. On June 20, 2025, we increased the maximum aggregate offering price of the shares of common stock issuable under the Sales Agreement from approximately \$2.1 million to approximately \$4.2 million and filed a prospectus supplement to register the offer and sale of an aggregate of approximately \$2.2 million of additional shares of common stock available to be sold under the Sales Agreement. Any sales of such shares into the public market could have a significant negative impact on the trading price of our common stock.

Our limited number of authorized and available shares of common stock may restrict our ability to raise capital and execute our business strategy.

We currently have approximately 80.6 million shares of common stock authorized, unissued and unreserved, and therefore available for future issuance. Following this offering, after giving effect to the issuance of approximately 14.8 million shares of common stock and Pre-Funded Warrants exercisable for approximately 65.2 million shares of common stock, we will have only a limited number of authorized but unissued and unreserved shares remaining. As a result, we may be unable to issue additional shares of common stock unless and until our stockholders approve an increase in our authorized share capital (or we effect the previously authorized reverse stock split). This limitation could hinder our ability to conduct future equity financings, including follow-on offerings, at-the-market programs, or private placements, which could adversely affect our liquidity and increase our cost of capital. To meet our funding needs, we may be required to pursue alternative financing options that are more costly or carry restrictive terms, such as senior debt or preferred equity with covenants, liquidation preferences, or other rights that could disadvantage holders of our common stock. In addition, constraints on our ability to issue common stock could, depending on our future performance, impair our ability to satisfy certain Nasdaq listing requirements that rely on market capitalization or stockholders’ equity. Any such impairment could negatively affect the trading market for our common stock and our financial condition. If we are unable to promptly obtain stockholder approval to increase our authorized shares, our business, prospects, and stockholders could be materially and adversely affected.

USE OF PROCEEDS

We estimate that the net proceeds from the offering will be approximately \$54.9 million, based on a public offering price per share of common stock of \$0.75 and a public offering price per Pre-Funded Warrant of \$0.749, after deducting the placement agent fees and estimated offering expenses payable by us.

In addition, we may receive proceeds from the exercise of the placement agent warrants, to the extent such placement agent warrants are exercised for cash, but we will not receive any proceeds from any sale of the shares of common stock underlying the placement agent warrants.

We intend to use the net proceeds from the offering for general corporate purposes, which includes, without limitation, ongoing research and pre-clinical studies, clinical trials, the development of new biological and pharmaceutical technologies, investing in or acquiring companies that are synergistic with or complementary to our technologies, licensing activities related to our current and future product candidates, and to the development of emerging technologies, investing in or acquiring companies that are developing emerging technologies, licensing activities, or the acquisition of other businesses and working capital.

These expected uses represent our intentions based upon our current plans and business conditions, which could change in the future as our plans and business conditions evolve. The amounts and timing of these expenditures will depend on numerous factors, including the development of our current business initiatives. We have no specific acquisition contemplated at this time. As of the date of this prospectus, we cannot specify with certainty all of the particular uses for the net proceeds from this offering. As a result, our management will have broad discretion in the application of the net proceeds from this offering, and the investors will be relying on the judgment of our management regarding the application of the net proceeds from this offering. The amounts and timing of our actual expenditures will depend on numerous factors, including factors described under “Risk Factors” in this prospectus and the documents incorporated by reference herein and therein.

DILUTION

If you invest in our securities in this offering, your interest will be diluted immediately to the extent of the difference between the public offering price paid by the purchasers of the shares of common stock sold in this offering and the as-adjusted net tangible book value per shares of common stock after this offering.

The net tangible book value of our common stock as of September 30, 2025, was approximately \$4.1 million, or approximately \$0.55 per share of common stock. Net tangible book value per share represents the amount of our total tangible assets less total liabilities divided by the total number of our shares of common stock outstanding as of September 30, 2025.

After giving effect to the sale by us in this offering of 14,846,665 shares of common stock at a price per share of \$0.75, and Pre-Funded Warrants exercisable for 65,153,335 shares of common stock at a price per Pre-Funded Warrant of \$0.749, our as adjusted net tangible book value as of September 30, 2025 would have been approximately \$58.9 million, or approximately \$0.67 per share of common stock. This represents an immediate increase in net tangible book value of approximately \$0.12 per share of common stock to our existing security holders and an immediate dilution in as adjusted net tangible book value of approximately \$0.08 per share of common stock to purchasers of common stock in this offering, as illustrated by the following table:

Public offering price per share		\$	0.75
Historical net tangible book value per share as of September 30, 2025		\$	0.55
Increase in net tangible book value per share attributable to new investors in this offering		\$	0.12
As adjusted net tangible book value per share as of September 30, 2025 after, giving effect to this offering		\$	0.67
Dilution per share to new investors purchasing common stock in this offering		\$	0.08

The table and discussion above are based on 7,443,577 shares of common stock outstanding as of September 30, 2025, and excludes as of such date:

- 151,318 shares of common stock issuable upon exercise of stock options outstanding, at a weighted-average exercise price of \$23.58 per share;
- 9,772,262 shares of common stock issuable upon exercise of then outstanding warrants, at an exercise price of \$6.20 per share;
- 1,924,153 shares of our common stock that are available for future issuance under our 2023 Plan or shares that will become available under our 2023 Plan;
- the shares of common stock issuable upon exercise of any Pre-Funded Warrants issued to the investors in this offering; and
- the shares of common stock issuable upon the exercise of warrants to be issued to the placement agent or its designees in connection with this offering.

Except as indicated otherwise, the discussion and table above each assume (i) full exercise of the Pre-Funded Warrants, and (ii) no exercise of the warrants to be issued to the placement agent or its designees in connection with this offering.

DESCRIPTION OF CAPITAL STOCK

The following summary of the rights of our capital stock is not complete and is subject to and qualified in its entirety by reference to our Second Amended and Restated Certificate of Incorporation, as amended (“Certificate of Incorporation”), and Second Amended and Restated Bylaws (“Bylaws”), copies of which are filed as exhibits to our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the SEC on March 24, 2025, and the forms of securities, copies of which are filed as exhibits to the registration statement of which this prospectus forms a part, which are incorporated by reference herein.

General

We are authorized to issue an aggregate of 105,000,000 shares. The authorized capital stock is divided into 100,000,000 shares of common stock having a par value of \$0.0001 per share and 5,000,000 shares of preferred stock having a par value of \$0.0001 per share. As of November 28, 2025, there were 7,552,255 shares of common stock outstanding. In addition, as of November 28, 2025, we had outstanding stock options to purchase an aggregate of 1,685,843 shares of our common stock, at a weighted average exercise price equal to \$2.77 per share and we had outstanding warrants to purchase an aggregate of 9,782,262 shares of our common stock, at a weighted average exercise price equal to \$6.19 per share. Our authorized but unissued shares of common stock and preferred stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange or automated quotation system on which our securities may be listed or traded in the future.

Common Stock

All shares of our common stock are one and the same class, identical in all respects and have equal rights, powers and privileges.

Voting. Except as otherwise provided by law or by the resolution or resolutions providing for the issue of any series of preferred stock, the holders of outstanding shares of common stock have the exclusive right to vote for the election and removal of directors and for all other purposes. On each matter on which holders of common stock are entitled to vote, each outstanding share of such common stock is entitled to one vote.

Dividends. Subject to the rights of the holders of preferred stock, holders of shares of common stock are entitled to receive such dividends and distributions and other distributions of our cash, stock or property when, as and if declared by our board of directors (the “Board”).

Liquidation. Subject to the rights of the holders of preferred stock, shares of common stock are entitled to receive our assets and funds available for distribution in the event of any liquidation, dissolution or winding up of the affairs of us, whether voluntary or involuntary.

Rights and Preferences. Holders of our common stock will have no preemptive, conversion or subscription rights, and there will be no redemption or sinking funds provisions applicable to our common stock. The rights, preferences and privileges of the holders of our common stock will be subject to, and may be adversely affected by, the rights of the holders of share of any series of our preferred stock that we may designate and issue in the future.

Preferred Stock

Our Board has the authority, without further action by our stockholders, to issue up to 5,000,000 shares of preferred stock in one or more classes or series. Our Board is able to determine, with respect to any series of preferred stock, the powers (including voting powers), preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, including, without limitation:

- the designation of the series;

- the number of shares of the series, which our Board may, except where otherwise provided in the preferred stock designation, increase (but not above the total number of authorized shares of the class) or decrease (but not below the number of shares then outstanding);
- whether dividends, if any, will be cumulative or non-cumulative and the dividend rate of the series;
- the dates at which dividends, if any, will be payable;
- the redemption or repurchase rights and price or prices, if any, for shares of the series;
- the terms and amounts of any sinking fund provided for the purchase or redemption of shares of the series;
- the amounts payable on, and the preferences, if any, of shares of the series in the event of any voluntary or involuntary liquidation, dissolution or winding-up of our affairs;
- whether the shares of the series will be convertible into shares of any other class or series, or any other security, of us or any other entity, and, if so, the specification of the other class or series or other security, the conversion price or prices or rate or rates, any rate adjustments, the date or dates as of which the shares will be convertible and all other terms and conditions upon which the conversion may be made;
- restrictions on the issuance of shares of the same series or of any other class or series;
- the voting rights, if any, of the holders of the series; and
- any other powers, preferences and relative, participating, optional or other special rights of each series of preferred stock, and any qualifications, limitations or restrictions thereof, all as may be determined from time to time by our Board and stated in the resolution or resolutions providing for the issuance of such preferred stock.

We could issue a series of preferred stock that could, depending on the terms of the series, impede or discourage an acquisition attempt or other transaction that some, or a majority, of the holders of our common stock might believe to be in their best interests or in which the holders of our common stock might receive a premium over the market price of the shares of our common stock. Additionally, the issuance of preferred stock may adversely affect the rights of holders of our common stock by restricting dividends on the common stock, diluting the voting power of the common stock or subordinating the liquidation rights of the common stock. As a result of these or other factors, the issuance of preferred stock could have an adverse impact on the market price of our common stock.

Anti-Takeover Effects of Delaware law and Our Certificate of Incorporation and Bylaws

Our Certificate of Incorporation, Bylaws and the Delaware General Corporation Law (the “DGCL”) contain provisions that are intended to enhance the likelihood of continuity and stability in the composition of our Board. These provisions are intended to avoid costly takeover battles, reduce our vulnerability to a hostile or abusive change of control and enhance the ability of our Board to maximize stockholder value in connection with any unsolicited offer to acquire us. However, these provisions may have an anti-takeover effect and may delay, deter or prevent a merger or acquisition of our company by means of a tender offer, a proxy contest or other takeover attempt that a stockholder might consider in its best interest, including those attempts that might result in a premium over the prevailing market price for the shares of common stock held by stockholders.

Section 203 of the Delaware General Corporation Law

We are subject to Section 203 of the DGCL, 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:

- 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 completion of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction began, excluding for purposes of determining the voting stock outstanding (but not the outstanding voting stock owned by the interested stockholder) those shares owned (i) by persons who are directors and also officers and (ii) 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 stockholder, 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.

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

- any merger or consolidation involving the corporation and the interested stockholder;
- any merger or consolidation involving the corporation and 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.

Potential Effects of Authorized but Unissued Stock

Pursuant to our Certificate of Incorporation, we have shares of common stock and preferred stock available for future issuance without stockholder approval. We may utilize these additional shares for a variety of corporate purposes, including future public offerings to raise additional capital, to facilitate corporate acquisitions or payment as a dividend on the capital stock.

The existence of unissued and unreserved common stock and preferred stock may enable our Board to issue shares to persons friendly to current management or to issue preferred stock with terms that could render more difficult or discourage a third-party attempt to obtain control of us by means of a merger, tender offer, proxy contest or otherwise, thereby protecting the continuity of our management. In addition, our Board has the discretion to determine designations, rights, preferences, privileges and restrictions, including voting rights, dividend rights, conversion rights, redemption privileges and liquidation preferences of each series of preferred stock, all to the fullest extent permissible under the DGCL and subject to any limitations set forth in our Certificate of Incorporation. The purpose of authorizing our Board to issue preferred stock and to determine the rights and preferences applicable to such preferred stock is to eliminate delays associated with a stockholder vote on specific issuances. The issuance of preferred stock, while providing desirable flexibility in connection with possible financings, acquisitions and other corporate purposes, could have the effect of making it more difficult for a third-party to acquire, or could discourage a third-party from acquiring, a majority of our outstanding voting stock.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is VStock Transfer, LLC.

National Securities Exchange Listing

Our common stock is currently listed on Nasdaq under the symbol “KTTA.”

DESCRIPTION OF SECURITIES WE ARE OFFERING

We are offering 14,846,665 shares of our common stock. We are also offering Pre-Funded Warrants to purchase up to an aggregate of 65,153,335 shares of our common stock to those purchasers whose purchase of shares of common stock in this offering would result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding shares of common stock following the consummation of this offering in lieu of the shares of common stock that would result in such excess ownership. Each Pre-Funded Warrant will be exercisable for one share of common stock. No warrant for fractional shares of common stock will be issued, rather warrants will be issued only for whole shares of common stock. We are also registering the offer and sale of the shares of common stock issuable from time to time upon exercise of the Pre-Funded Warrants offered hereby.

Common Stock

The material terms and provisions of our common stock are described under the caption “Description of Capital Stock” in this prospectus.

Pre-Funded Warrants

The following summary of certain terms and provisions of the Pre-Funded Warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the Pre-Funded Warrant, the form of which will be filed as an exhibit to the registration statement of which this prospectus forms a part. Prospective investors should carefully review the terms and provisions of the form of Pre-Funded Warrant for a complete description of the terms and conditions of the Pre-Funded Warrants.

Duration and Exercise Price. Each Pre-Funded Warrant offered hereby will have an initial exercise price per share of common stock equal to \$0.001. The Pre-Funded Warrants will be immediately exercisable and will expire when exercised in full. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of share dividends, share splits, reorganizations or similar events affecting our shares of common stock and the exercise price.

Exercisability. The Pre-Funded Warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of shares of 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 the Pre-Funded Warrant to the extent that the holder would own more than 4.99% of the outstanding shares of common stock immediately after exercise, except that upon at least 61 days’ prior notice from the holder to us, the holder may increase the amount of beneficial ownership of outstanding shares after exercising the holder’s Pre-Funded Warrants up to 9.99% of the number of our shares of common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Pre-Funded Warrants. Purchasers of Pre-Funded Warrants in this offering may also elect prior to the issuance of the Pre-Funded Warrants to have the initial exercise limitation set at 9.99% of our outstanding shares of common stock.

Cashless Exercise. In lieu of making the cash payment otherwise contemplated to be made to us 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 number of shares of common stock determined according to a formula set forth in the Pre-Funded Warrants.

Fractional Shares. No fractional shares of common stock will be issued upon the exercise of the Pre-Funded Warrants. Rather, at our election, the number of shares of common stock to be issued will be rounded up to the nearest whole number or we will pay a cash adjustment in an amount equal to such fraction multiplied by the exercise price.

Transferability. Subject to applicable laws, a Pre-Funded Warrant may be transferred at the option of the holder upon surrender of the Pre-Funded Warrants to us together with the appropriate instruments of transfer.

Trading Market. There is no trading market available for the Pre-Funded Warrants on any securities exchange or nationally recognized trading system, and we do not expect a trading market to develop. We do not intend to list the Pre-Funded Warrants on the Nasdaq Capital Market or any other securities exchange or nationally recognized trading market. Without a trading market, the liquidity of the Pre-Funded Warrants will be extremely limited. The shares of common stock issuable upon exercise of the Pre-Funded Warrants are currently traded on Nasdaq.

Right as a Shareholder. Except as otherwise provided in the Pre-Funded Warrants or by virtue of such holder’s ownership of shares of common stock, the holders of the Pre-Funded Warrants do not have the rights or privileges of holders of our shares of common stock, including any voting rights, until they exercise their Pre-Funded Warrants. The Pre-Funded Warrants will provide that holders have the right to participate in distributions or dividends paid on our shares of common stock.

Fundamental Transaction. In the event of a fundamental transaction, as described in the Pre-Funded Warrants and generally including any reorganization, recapitalization or reclassification of our shares of common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding securities, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding shares of securities, the holders of the Pre-Funded Warrants will be entitled to receive upon exercise of the Pre-Funded Warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the Pre-Funded Warrants immediately prior to such fundamental transaction on a net exercise basis.

PLAN OF DISTRIBUTION

We engaged Wainwright to act as our exclusive placement agent to solicit offers to purchase the securities offered by this prospectus on a reasonable best efforts basis. Wainwright is not purchasing or selling any securities, nor are they required to arrange for the purchase and sale of any specific number or dollar amount of securities, other than to use their “reasonable best efforts” to arrange for the sale of the securities by us. Therefore, we may not sell the entire amount of securities being offered.

The terms of this offering are subject to market conditions and negotiations between us, the placement agent and prospective investors. The placement agent will have no authority to bind us by virtue of the engagement letter. This is a best efforts offering and there is no minimum amount of proceeds that is a condition to closing of this offering. Investors purchasing securities offered hereby will have the option to execute a securities purchase agreement with us. In addition to rights and remedies available to all purchasers in this offering under federal securities and state law, the purchasers which enter into a securities purchase agreement will also be able to bring claims of breach of contract against us. Wainwright may engage one or more sub-agents or selected dealers in connection with the offering. The ability to pursue a claim for breach of contract is material to larger purchasers in this offering as a means to enforce the following covenants uniquely available to them under the securities purchase agreement: (i) a covenant to not enter into variable rate financings for a period of one year following the closing of the offering, subject to an exception; and (ii) a covenant to not enter into any equity financings for 90 days from closing of the offering, subject to certain exceptions.

The nature of the representations, warranties and covenants in the securities purchase agreements will include:

- standard and customary issuer representations and warranties on matters such as due organization, qualification, authorization, no conflict, no governmental filings required, currentness and accuracy of SEC filings, absence of litigation, labor or other compliance issues, environmental, intellectual property and title matters and compliance with various laws such as the Foreign Corrupt Practices Act; and
- covenants regarding matters such as registration of the offering of the warrant shares, the filing of a Current Report on Form 8-K to disclose entering into these securities purchase agreements, the providing of material nonpublic information, use of proceeds, indemnification of purchasers, reservation and listing of common stock, and prohibitions on subsequent equity sales for 90 days.

Certain Company insiders, including the Company’s Chief Executive Officer, Chief Financial Officer and certain members of the Company’s board of directors, are participating in this offering. These Company insiders are purchasing an aggregate of 400,000 shares of common stock, for an aggregate purchase price of approximately \$300,000. The purchase price per share for these Company insiders is the same as being paid by other investors in this offering.

Associated persons of H.C. Wainwright & Co., LLC have agreed to purchase in this offering, on the same terms and conditions, an aggregate of 6,199,999 shares of common stock and Pre-Funded Warrants for a total purchase price of \$4,649,999.25.

Delivery of the securities offered hereby is expected to occur on or about December 1, 2025, subject to satisfaction of certain customary closing conditions.

Fees and Expenses

The following table shows the per share, and per Pre-Funded Warrant, and total placement agent fees we will pay in connection with the sale of the securities in this offering.

Per share placement agent cash fees	\$ 0.053
Per Pre-Funded Warrant placement agent cash fees	\$ 0.053
Total	\$ 4,200,000.00

We have agreed to pay the placement agent a total cash fee equal to 7% of the aggregate gross proceeds raised in the offering. We estimate the total offering expenses of this offering that will be payable by us, excluding the placement agent fees and expenses, will be approximately \$0.2 million. After deducting the placement agent fees and our estimated offering expenses, we expect the net proceeds from this offering to be approximately \$54.9 million.

Placement Agent Warrants

In addition, we have agreed to issue the placement agent warrants to the placement agent or its designees to purchase up to 5% of the aggregate number of shares of common stock sold in this offering (or common stock equivalent issued in this offering), or 4,000,000 shares, at an exercise price equal to 125% of the public offering price per share to be sold in this offering, or \$0.9375 per share. The placement agent warrants will be exercisable beginning on the first date after the issuance of such placement agent warrants on which we have a sufficient number of authorized but unissued shares of common stock under our second amended and restated certificate of incorporation, as amended, to issue all shares issuable upon exercise of such placement agent warrants. The placement agent warrants will expire five years from the commencement of sales under this offering. The placement agent warrants and the shares issuable upon exercise thereof are being offered in a concurrent private placement and such offering is not being registered on the registration statement of which this prospectus forms a part.

The placement agent warrants may be exercised, in whole or in part, at any time after they become exercisable by means of a “cashless exercise” in which the holders shall be entitled to receive a number of warrant shares as calculated in the form of placement agent warrants.

The placement agent warrants provide for customary anti-dilution provisions (for share dividends, splits and recapitalizations and the like) consistent with FINRA Rule 5110.

Tail

In the event that any investors that were contacted by the placement agent or were introduced to us by the placement agent during the term of our engagement agreement with the placement agent provide any capital to us in a public or private offering or other financing or capital-raising transaction of any kind (each, a “Tail Financing”) until April 15, 2027, we shall pay the placement agent the cash and warrant compensation provided above on the gross proceeds raised in such Tail Financing from such investors.

Determination of Offering Price

The public offering price per share and the public offering price per Pre-Funded Warrant we are offering and the exercise price and other terms of the Pre-Funded Warrants were negotiated between us and the investors, in consultation with the placement agent based on the trading of our common stock prior to this offering, among other things. Other factors considered in determining the public offering prices of the securities we are offering and the exercise price and other terms of the Pre-Funded Warrants include the history and prospects of our company, the stage of development of our business, our business plans for the future and the extent to which they have been implemented, an assessment of our management, general conditions of the securities markets at the time of the offering and such other factors as were deemed relevant.

Lock-up Agreements

We and each of our officers and directors have agreed with the placement agent to be subject to a lock-up period of 90 days following the date of this prospectus. This means that, during the applicable lock-up period, we may not offer for sale, contract to sell, or sell any shares of our common stock or any securities convertible into, or exercisable or exchangeable for, shares of our common stock subject to certain customary exception such as issuing stock options to directors, officers, employees and consultants under our existing plans. The placement agent may, in its sole discretion and without notice, waive the terms of any of these lock-up agreements. In addition, we have agreed to not issue any shares of common stock or securities exercisable or convertible into shares of common stock for a period of 90 days following the closing date of this offering, subject to certain exceptions, and to not issue any securities that are subject to a price reset based on trading prices of our common stock or upon a specified or contingent event in the future, or enter into an agreement to issue securities at a future determined price, until the date that is one year following the closing date of the offering.

Transfer Agent and Registrar

The transfer agent for our common stock is VStock Transfer, LLC.

National Securities Exchange Listing

Our common stock and certain of our outstanding warrants are currently listed on Nasdaq under the symbols “KTTA” and “KTTAW,” respectively. On November 26, 2025, the closing price per share of our common stock was \$1.06.

Indemnification

We have agreed to indemnify the placement agent against certain liabilities, including certain liabilities arising under the Securities Act and liabilities arising from breaches of representations and warranties contained in our engagement letter with the placement agent. We have also agreed to contribute to payments that the placement agent may be required to make for these liabilities.

In addition, we will indemnify the purchasers of securities in this offering against liabilities arising out of or relating to (i) any breach of any of the representations, warranties, covenants or agreements made by us in the securities purchase agreement or related documents or (ii) any action instituted against a purchaser by a third party (other than a third party who is affiliated with such purchaser) with respect to the securities purchase agreement or related documents and the transactions contemplated thereby, subject to certain exceptions.

Regulation M

The placement agent may be deemed to be an underwriter within the meaning of Section 2(a)(11) of the Securities Act and any fees received by it and any profit realized on the sale of the securities by it while acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. The placement agent will be required to comply with the requirements of the Securities Act and the Exchange Act, including, without limitation, Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of our securities by the placement agent. Under these rules and regulations, the placement agent may not (i) engage in any stabilization activity in connection with our securities; and (ii) bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until it has completed its participation in the distribution.

Other Relationships

The placement agent and its affiliates have provided and may from time to time in the future engage in investment banking transactions and other commercial dealings in the ordinary course of business with us or our affiliates. The placement agent may in the future receive customary fees and commissions for these transactions. Currently, the placement agent acts as sales agent under our at-the-market offering program. Previously, the placement agent acted as placement agent in connection with the private placement we consummated in September 2024 and the May 2025 Public Offering, for which it received compensation.

In addition, in the ordinary course of their business activities, the placement agent and its affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. The placement agent and its affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Except as disclosed in this prospectus, we have no present arrangements with the placement agent for any further services.

Electronic Distribution

A prospectus in electronic format may be made available on a website maintained by the placement agent and the placement agent may distribute prospectuses electronically. Other than the prospectus in electronic format, the information on these websites is not part of this prospectus or the registration statement of which this prospectus forms a part, has not been approved and/or endorsed by us or the placement agent and should not be relied upon by investors.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to “incorporate by reference” information that we file with it into this prospectus, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede information contained in this prospectus.

We incorporate by reference the following documents or information that we have filed with the SEC:

- our Annual Report on [Form 10-K](#) for the year ended December 31, 2024 filed with the SEC on March 24, 2025.
- our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2025, June 30, 2025 and September 30, 2025 filed with the SEC on [May 15, 2025](#), [August 14, 2025](#) and [November 13, 2025](#), respectively.
- our Current Reports on Form 8-K filed with the SEC on [April 25, 2025](#), [May 7, 2025](#), [June 20, 2025](#), [June 27, 2025](#), [July 11, 2025](#), [September 3, 2025](#), [September 16, 2025](#), [October 27, 2025](#), [November 4, 2025](#) and [November 25, 2025](#).

All other reports and documents filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date that this registration statement becomes effective and after the date of this prospectus but before the termination of the offering of the securities described in this prospectus shall be deemed to be incorporated by reference into this prospectus.

Notwithstanding the statements in the preceding paragraphs, no document, report or exhibit (or portion of any of the foregoing) or any other information that we have “furnished” to the SEC pursuant to the Exchange Act shall be incorporated by reference into this prospectus.

Any statement contained in this prospectus or contained in a document incorporated or deemed to be incorporated by reference into this prospectus will be deemed to be modified or superseded to the extent that a statement contained in this prospectus or any subsequently filed supplement to this prospectus, or document deemed to be incorporated by reference into this prospectus, modifies or supersedes such statement. Any statements so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

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

Pasithea Therapeutics Corp.
Atten: Tiago Reis Marques
Chief Executive Officer
1111 Lincoln Road, Suite 500
Miami Beach, Florida 33139
Telephone: (786) 977-3380

You may also access these filings on our website at www.pasithea.com. You should rely only on the information incorporated by reference or provided in this prospectus. We have not authorized anyone else to provide different or additional information on our behalf. An offer of these securities is not being made in any jurisdiction where the offer or sale is not permitted. You should not assume that the information in this prospectus is accurate as of any date other than the date of those respective documents.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is part of a registration statement we filed with the SEC. This prospectus does not contain all of the information set forth in the registration statement and the exhibits to the registration statement.

For further information with respect to us and the securities we are offering under this prospectus, we refer you to the registration statement and the exhibits and schedules filed as a part of the registration statement. You should rely only on the information contained in this prospectus or incorporated by reference into this prospectus. We have not authorized anyone else to provide you with different information. We are not making an offer of these securities in any jurisdiction where the offer is not permitted. You should assume that the information contained in this prospectus, or any document incorporated by reference in this prospectus, is accurate only as of the date of those respective documents, regardless of the time of delivery of this prospectus or any sale of our securities.

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public from commercial document retrieval services and over the Internet at the SEC's website at <http://www.sec.gov>.

We maintain a website at www.pasithea.com. You may access our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act with the SEC free of charge at our website as soon as reasonably practicable after such material is electronically filed with, or furnished to, the SEC. The information contained in, or that can be accessed through, our website is not incorporated by reference into, and is not part of, this prospectus.

LEGAL MATTERS

The validity of the securities being offered hereby and certain other legal matters will be passed upon for us by Lowenstein Sandler LLP, New York, New York. Certain legal matters in connection with this offering will be passed upon for the placement agent by Troutman Pepper Locke LLP, Charlotte, North Carolina.

EXPERTS

The audited annual consolidated financial statements of Pasithea Therapeutics Corp. incorporated by reference in this prospectus and elsewhere in the registration statement have been incorporated by reference in reliance upon the report of Marcum LLP, independent registered public accounting firm, which includes an explanatory paragraph as to our ability to continue as a going concern, upon the authority of said firm as experts in accounting and auditing. The 2024 and 2023 audited annual consolidated financial statements of Pasithea Therapeutics Corp. as of and for the years ended December 31, 2024 and 2023, have been audited by Marcum LLP, independent registered public accounting firm.



14,846,665 Shares of Common Stock

65,153,335 Pre-Funded Warrants to Purchase up to 65,153,335 Shares of Common Stock

65,153,335 Shares of Common Stock underlying Pre-Funded Warrants

PROSPECTUS

H.C. Wainwright & Co.

The date of this prospectus is November 28, 2025.
