



different from that contained or incorporated by reference in this prospectus. The Selling Stockholder may offer to sell, and seek offers to buy, shares of our Common Stock only in jurisdictions where offers and sales are permitted. The information contained in this prospectus is accurate only as of the date of this prospectus, regardless of the time of delivery of this prospectus or of any sale of Common Stock. In this prospectus, the "Company," "we," "us," "our" and "Adial" refer to Adial Pharmaceuticals, Inc. i About This Prospectus You should rely only on the information we have provided or incorporated by reference into this prospectus, any applicable prospectus supplement and any related free writing prospectus. We have not authorized anyone to provide you with information different from that contained in this prospectus, any applicable prospectus supplement or any related free writing prospectus. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus, any applicable prospectus supplement or any related free writing prospectus. You must not rely on any unauthorized information or representation. This prospectus is an offer to sell only the shares of Common Stock offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. You should assume that the information in this prospectus, any applicable prospectus supplement or any related free writing prospectus is accurate only as of the date on the front of the document and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any sale of a security. This prospectus and the documents incorporated by reference into this prospectus include statistical and other industry and market data that we obtained from industry publications and research, surveys and studies conducted by third parties. Industry publications and third-party research, surveys and studies generally indicate that their information has been obtained from sources believed to be reliable, although they do not guarantee the accuracy or completeness of such information. We believe that the data obtained from these industry publications and third-party research, surveys and studies are reliable. We are ultimately responsible for all disclosure included in this prospectus. The Selling Stockholder is offering the Shares only in jurisdictions where such issuances are permitted. The distribution of this prospectus and the issuance of the Shares in certain jurisdictions may be restricted by law. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the issuance of the Shares and the distribution of this prospectus outside the United States. This prospectus does not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, the shares of Common Stock offered by this prospectus by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation. This prospectus is part of a registration statement that we filed with the U.S. Securities and Exchange Commission (the "SEC"), under which the Selling Stockholder may offer from time to time securities described herein in one or more offerings. If required, each time the Selling Stockholder offers shares, we will provide you with, in addition to this prospectus, a prospectus supplement that will contain specific information about the terms of that offering. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to that offering. We may also use a prospectus supplement and any related free writing prospectus to add, update or change any of the information contained in this prospectus or in documents we have incorporated by reference. This prospectus, together with any applicable prospectus supplements, any related free writing prospectuses and the documents incorporated by reference into this prospectus, includes all material information relating to this offering. To the extent that any statement that we make in a prospectus supplement is inconsistent with statements made in this prospectus, the statements made in this prospectus will be deemed modified or superseded by those made in a prospectus supplement. Please carefully read both this prospectus and any prospectus supplement together with the additional information described below under the section entitled "Incorporation of Certain Information by Reference" before buying any of the securities offered. This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the section entitled "Where You Can Find Additional Information." Smaller Reporting Company "Scaled Disclosure" Pursuant to Item 10(f) of Regulation S-K promulgated under the Securities Act, as indicated herein, we have elected to comply with the scaled disclosure requirements applicable to "smaller reporting companies," including providing two years of audited financial statements. Reverse Stock Split All share and per shares numbers have been adjusted to reflect the 1-for-25 reverse stock split we effected on August 3, 2023. ii Special Note Regarding Forward-Looking Statements This prospectus contains predictive or "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than statements of current or historical fact contained in this prospectus, including statements that express our intentions, plans, objectives, beliefs, expectations, strategies, predictions or any other statements relating to our future activities or other future events or conditions are forward-looking statements. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "predict," "project," "will," "should," "would" and similar expressions, as they relate to us, are intended to identify forward-looking statements. These statements are based on current expectations, estimates and projections made by management about our business, our industry and other conditions affecting our financial condition, results of operations or business prospects. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in, or implied by, the forward-looking statements due to numerous risks and uncertainties. Factors that could cause such outcomes and results to differ include, but are not limited to, risks and uncertainties arising from: our independent registered public accounting firm has expressed doubt about our ability to continue as a going concern; our projected financial position and estimated cash burn rate; our estimates regarding expenses, future revenues and capital requirements; our need to raise substantial additional capital to fund our operations; the success, cost and timing of our clinical trials; our dependence on third parties in the conduct of our clinical trials; our ability to obtain the necessary regulatory approvals to market and commercialize our product candidates; the potential that results of preclinical and clinical trials indicate our current product candidates or any future product candidates we may seek to develop are unsafe or ineffective; the results of market research conducted by us or others; our ability to obtain and maintain intellectual property protection for our current product candidates; our ability to protect our intellectual property rights and the potential for us to incur substantial costs from lawsuits to enforce or protect our intellectual property rights; iii the possibility that a third party may claim we have infringed, misappropriated or otherwise violated their intellectual property rights and

that we may incur substantial costs and be required to devote substantial time defending against these claims; Â—our reliance on third-party suppliers and manufacturers; Â—the success of competing therapies and products that are or become available; Â—the ability to sell shares of Common Stock to Alumni Capital pursuant to the terms of the Purchase Agreement and our ability to register and maintain the registration of the shares issued and issuable thereunder; Â—the ability to expand our organization to accommodate potential growth and our ability to retain and attract key personnel; Â—the potential for us to incur substantial costs resulting from product liability lawsuits against us and the potential for these product liability lawsuits to cause us to limit our commercialization of our product candidates; Â—the market acceptance of our product candidates, the size and growth of the potential markets for our current product candidates and any future product candidates we may seek to develop, and our ability to serve those markets; and Â—the successful development of our commercialization capabilities, including sales and marketing capabilities. Â Our current product candidate is undergoing clinical development and has not been approved by the Food and Drug Administration (â€œFDAâ€) or the European Commission. This product candidate has not been, nor may it ever be, approved by any regulatory agency or competent authorities nor marketed anywhere in the world. Â We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. Forward-looking statements should be regarded solely as our current plans, estimates and beliefs. We have included important factors in the cautionary statements included in this document and the documents incorporated by reference in this prospectus, particularly in the section entitled â€œRisk Factorsâ€ that we believe could cause actual results or events to differ materially from the forward-looking statements that we make. Moreover, we operate in a very competitive and rapidly changing environment. New risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. Given these risks and uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements. All forward-looking statements are qualified in their entirety by this cautionary statement. Our forward-looking statements do not reflect the potential impact of any future acquisitions, mergers, dispositions, joint ventures or investments we may make. You should read this prospectus and the documents that we have filed as exhibits to this prospectus and incorporated by reference herein completely and with the understanding that our actual future results may be materially different from the plans, intentions and expectations disclosed in the forward-looking statements we make. The forward-looking statements contained in this prospectus and the documents incorporated by reference in this prospectus are made as of the date of this prospectus and the dates of the documents incorporated by reference in this prospectus and we do not assume any obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law. Investors should evaluate any statements made by us in light of these important factors. Â iv Â Prospectus Summary Â This summary highlights information contained elsewhere in this prospectus and does not contain all of the information that you should consider in making your investment decision. Before investing in our securities, you should carefully read this entire prospectus, including our financial statements and the related notes that are incorporated by reference into this prospectus and the information set forth under the headings â€œRisk Factorsâ€ and â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€ in each case included elsewhere in this prospectus. In this prospectus, unless the context otherwise requires, the terms â€œwe,â€ â€œus,â€ â€œour,â€ â€œAdialâ€ and the â€œCompanyâ€ refer to Adial Pharmaceuticals, Inc. Except as disclosed in the prospectus, the financial statements and selected historical financial data and other financial information included in, or incorporated by reference into, this prospectus are those of Adial Pharmaceuticals, Inc. Â Overview Â We are a clinical-stage biopharmaceutical company focused on the development of therapeutics for the treatment or prevention of addiction and related disorders. Our investigational new drug candidate, AD04, is being developed as a therapeutic agent for the treatment of alcohol use disorder (â€œAUDâ€). AD04 was recently investigated in a Phase 3 clinical trial, designated the ONWARD trial, for the potential treatment of AUD in subjects with certain target genotypes, which were identified using our companion diagnostic genetic test. Based on our analysis of the subgroup data from the ONWARD trial, we are now focused on completing the clinical development program for AD04 in the specified genetic subgroups to meet regulatory requirements primarily in the US and secondarily in Europe/UK. Â We have devoted the vast majority of our resources to development efforts relating to AD04, including preparation for and conducting clinical trials, providing general and administrative support for these operations and protecting our intellectual property. We expect these activities to continue to demand most of our resources for the foreseeable future. Â Recent Developments Â On November 14, 2024, we issued a press release announcing that we had completed a pharmacokinetics (PK) study of AD04. The study, a single-center, relative bioavailability, open label study, enrolled a total of 30 healthy adult volunteers in two cohorts. Cohort 1 (n=6) was a randomized, open-label, 2-sequence, 2-period crossover study to evaluate the PK variability of ondansetron from AD04 0.33 and 0.99mg. Cohort 2 (n=24) was a randomized, open-label, 6-sequence, 4-period crossover study to evaluate the relative bioavailability of the AD04 0.33mg tablet to a marketed ondansetron 4mg tablet, dose proportionality of ondansetron PK between AD04 0.33 and 0.99mg, and the effect of food on the bioavailability of ondansetron administered as the AD04 0.33mg tablet. The results of this study showed that, as a result of the lower dose, AD04 0.33mg delivered lower ondansetron PK exposure than the marketed reference standard ondansetron 4mg tablet; ondansetron pharmacokinetic exposure increased in proportion to dose across a 3-fold AD04 dose range; and AD04 can be taken in fed or fasted states. This data is expected to help us optimize study design elements needed for the upcoming Phase 3 clinical trial of AD04. Completion of this study also satisfied an FDA requirement for the upcoming Phase 3 clinical trials of AD04. Â 1 Â Corporate Information Â Adial Pharmaceuticals, L.L.C. was formed as a Virginia limited liability company in November 2010. Adial Pharmaceuticals, L.L.C. converted from a Virginia limited liability company into a Virginia corporation on October 3, 2017, and then reincorporated in Delaware on October 11, 2017 by merging the Virginia corporation with and into Adial Pharmaceuticals, Inc., a Delaware corporation that was incorporated on October 5, 2017 as a wholly owned subsidiary of the Virginia corporation. We refer to this as the corporate conversion/reincorporation. In connection with the corporate conversion/reincorporation, each unit of Adial Pharmaceuticals, L.L.C. was converted into shares of common stock of the Virginia corporation and then into shares of Common Stock of Adial Pharmaceuticals, Inc., the members of Adial Pharmaceuticals, L.L.C. became stockholders of Adial Pharmaceuticals, Inc. and Adial Pharmaceuticals, Inc. succeeded to the business of Adial Pharmaceuticals, L.L.C. Â Our principal executive offices are located at 4870 Sadler Road, Suite 300, Glen Allen, Virginia 23060, and our telephone number is (804) 487-8196. Our website address is [www.adial.com](http://www.adial.com). Information contained on our website is intended for informational purposes only and is not incorporated by reference into this prospectus, and it should not be

considered to be part of this prospectus or the registration statement of which this prospectus forms a part. The SEC maintains an internet site that contains reports, proxy and information statements, and other information regarding issuers like us that file documents electronically with the SEC. The address of the SEC website is [www.sec.gov](http://www.sec.gov). A Smaller Reporting Company A We are a ªsmaller reporting companyª as defined in the Securities Exchange Act of 1934, as amended (the ªExchange Actª). As a result, we may take advantage of certain reduced disclosure obligations available to smaller reporting companies, including the exemption from compliance with the auditor attestation requirements pursuant to the Sarbanes-Oxley Act of 2002, reduced disclosure about our executive compensation arrangements and the requirements to provide only two years of audited financial statements in our annual reports and registration statements. We will continue to be a ªsmaller reporting companyª as long as (1) we have a public float (i.e., the market value of our shares of Common Stock held by non-affiliates) less than \$250 million calculated as of the last business day of our most recently completed second fiscal quarter, or (2) our annual revenues are less than \$100 million for our previous fiscal year and we have either no public float or a public float of less than \$700 million as of the end of that fiscal yearª's second fiscal quarter. Decreased disclosures in our SEC filings due to our status as a ªsmaller reporting companyª may make it harder for investors to analyze our results of operations and financial prospects. A 2 A Additional Information A For additional information related to our business and operations, please refer to the reports incorporated herein by reference, including our Annual Report on Form 10-K for the year ended December 31, 2023, as filed with the SEC on April 1, 2024; our Quarterly Reports on Form A 10-Q for the quarterly periods ended March A 31, 2024, as filed with the SEC on May A 14, 2024, June A 30, 2024, as filed with the SEC on August A 13, 2024, and September A 30, 2024, as filed with the SEC on November A 13, 2024; and our Current Reports on Form 8-K as filed with the SEC, as described in the section entitled ªIncorporation of Documents by Referenceª in this prospectus. A Risks Associated with this Offering A Our business and our ability to implement our business strategy are subject to numerous risks, as more fully described in the section of this prospectus entitled ªRisk Factorsª and under similarly titled headings of the documents incorporated herein by reference. You should read these risks before you invest in our securities. We may be unable, for many reasons, including those that are beyond our control, to implement our business strategy. In particular, risks associated with our business and this offering include: A ªIt is not possible to predict the actual number of shares we will sell under the Purchase Agreement to the Selling Stockholder, or the actual gross proceeds resulting from those sales. A ªThe terms of the Purchase Agreement limit the amount of shares we may issue to the Selling Stockholder, which may limit our ability to utilize the arrangement to enhance our cash resources. A ªOur charter limits our ability to issue shares. A ªInvestors who buy shares in this offering at different times will likely pay different prices. A ªThe issuance of Common Stock to the Selling Stockholder may cause substantial dilution to our existing stockholders, and the sale of such shares acquired by the Selling Stockholder could cause the price of our Common Stock to decline. A ªOur need for future financing may result in the issuance of additional securities, which will cause investors to experience dilution. A ªWe have additional securities available for issuance, which, if issued, could adversely affect the rights of the holders of our Common Stock. A ªFuture sales of our Common Stock could cause the market price for our Common Stock to decline. A ªBecause we will not declare cash dividends on our Common Stock in the foreseeable future, stockholders must rely on appreciation of the value of our Common Stock for any return on their investment. A ªOur management will have broad discretion over the use of the net proceeds from our sale of shares of Common Stock to Alumni Capital, you may not agree with how we use the proceeds and the proceeds may not be invested successfully. A 3 A The Alumni Capital Transaction A On December A 13, 2024, we entered into a Purchase Agreement (the ªPurchase Agreementª) with Alumni Capital. Pursuant to the Purchase Agreement, we have the right to sell to Alumni Capital up to the lesser of (i) A \$5,000,000 of newly issued shares, subject to increase to \$10,000,000 at our option (the ªInvestment Amountª), of the shares of our common stock, par value \$0.001 per share (the ªCommon Stockª), and (ii) A the Exchange Cap (as defined below) (subject to certain conditions and limitations), from time to time during the term of the Purchase Agreement. Sales of Shares pursuant to the Purchase Agreement, and the timing of any sales, are solely at our option and we are under no obligation to sell securities pursuant to this arrangement. Shares may be sold by us pursuant to this arrangement over a period ending on the earlier of December A 31, 2026 or the date on which Alumni Capital shall have purchased Shares pursuant to the Purchase Agreement for an aggregate purchase price of the Investment Amount; provided, however that we can terminate the Purchase Agreement at any time upon ten days prior written notice, subject to the satisfaction of the conditions in the Purchase Agreement. A Upon the satisfaction of the conditions in the Purchase Agreement, including that a registration statement that we agreed to file with the SEC pursuant to the Purchase Agreement is declared effective by the SEC and a final prospectus in connection therewith is filed with the SEC, we will have the right, but not the obligation, from time to time at our sole discretion over the period described above, to direct Alumni Capital to purchase up to a fixed maximum number of Shares as set forth in the Purchase Agreement; provided, that Alumni Capitalª's maximum commitment under any single fixed purchase will not exceed the greater of (i) A \$500,000 and (ii) A 150% of the average daily trading volume of the Common Stock during the five (5) Days immediately prior to the date that we deliver a Purchase Notice, without mutual agreement of Alumni Capital; further provided, however, that the maximum commitment under any single fixed purchase will in no case exceed \$1,250,000 or, with mutual agreement of Alumni Capital, \$2,500,000. A The purchase price per Share that may be sold to Alumni Capital under the Purchase Agreement in such fixed purchases equals ninety-seven percent (97%) of the lowest daily dollar volume-weighted average price for the Common Stock during the period ending on the earlier of (i) A three (3) consecutive trading days period following the date we deliver a purchase notice and (ii) A the date on which Alumni Capital notifies us that it is prepared to proceed with the closing, subject to a Minimum Acceptable Price (as defined in the Purchase Agreement). There is no upper limit on the price per share that Alumni Capital might be obligated to pay for the Common Stock under the Purchase Agreement; provided, however, that at no time can the purchase price be below \$0.55 per share (subject to adjustment as provided in the Purchase Agreement for any reorganization, recapitalization, non-cash dividend, stock split, or other similar transaction occurring after the date of the Purchase Agreement). A The Company will control the timing and amount of any sales of Shares to Alumni Capital. Actual sales of Shares to Alumni Capital under the Purchase Agreement will depend on a variety of factors to be determined by us from time to time, including, among other things, market conditions, the trading price of the Common Stock and determinations by us as to the appropriate sources of funding for us and our operations. A 4 A Under the applicable rules of the Nasdaq, in no event may we issue more than 1,280,515 A Shares (including the Commitment Shares, as defined below), representing 19.99% of the shares of the Common Stock outstanding immediately prior to the execution of the Purchase Agreement (the ªExchange Capª), to Alumni Capital under the Purchase Agreement, unless we obtain stockholder

approval to issue shares of Common Stock in excess of the Exchange Cap, provided further that the Exchange Cap does not apply to the extent the purchase price is equal to or exceeds the Minimum Price, which is \$1.09. Â In all instances, we may not sell Shares to Alumni Capital under the Purchase Agreement if it would result in Alumni Capital beneficially owning more than 4.99% of the Common Stock. Â The net proceeds from sales, if any, under the Purchase Agreement, will depend on the frequency and prices at which we sell Shares. To the extent we sell Shares under the Purchase Agreement, we currently plan to use any proceeds therefrom for strategic opportunities, working capital, and other general corporate purposes. Â There are no restrictions on future financings, rights of first refusal, participation rights, penalties, or liquidated damages in the Purchase Agreement. Alumni Capital has agreed not to cause, or engage in any manner whatsoever, any direct or indirect short selling or hedging of the Common Stock during certain periods. Â As consideration for Alumni Capitalâ€™s irrevocable commitment to purchase Shares upon the terms of and subject to satisfaction of the conditions set forth in the Purchase Agreement, concurrently with the execution and delivery of the Purchase Agreement, we issued to Alumni Capital 68,807Â shares of Common Stock (the â€œCommitment Sharesâ€). If we were to elect to increase the number of the shares of Common Stock available for purchase under the Purchase Agreement from \$5,000,000 up to a limit of \$10,000,000, we would be obligated to issue to Alumni Capital additional shares of Common Stock as a commitment fee equal to 1.5% of the increased amount divided by the closing price of the Common Stock on the date of issuance and delivery by us of the notice to increase such amount. Â Pursuant to the Purchase Agreement, we have agreed to file a registration statement with the SEC to register for resale under the Securities Act the shares of our Common Stock that may be issued to Alumni Capital under the Purchase Agreement, including the Commitment Shares. The Purchase Agreement contains customary representations, warranties, conditions and indemnification obligations of the parties. The representations, warranties and covenants contained in such agreements were made only for purposes of such agreements and as of specific dates, were solely for the benefit of the parties to such agreements and may be subject to limitations agreed upon by the contracting parties. Â We have the right to terminate the Purchase Agreement at any time, at no cost or penalty, upon written notice to Alumni Capital, except during any time that Alumni Capital holds any Purchase Notice Shares. Neither we nor Alumni Capital may assign or transfer its rights and obligations under the Purchase Agreement, and no provision of the Purchase Agreement or the Registration Rights Agreement may be modified or waived by the parties except in writing. Â 5 Â We do not know what the purchase price for our Common Stock will be or whether there will occur an exception to the Exchange Cap and therefore cannot be certain as to the number of shares we might issue to Alumni Capital under the Purchase Agreement after the date of this prospectus. As of DecemberÂ 13, 2024, immediately prior to execution of the Purchase Agreement and issuance of the Commitment Shares to Alumni Capital, there were 6,405,781Â shares of our Common Stock outstanding. Although the Purchase Agreement provides that we may sell up to an aggregate of \$5,000,000 of shares of our Common Stock to Alumni Capital, only 5,000,000 shares of our Common Stock are being registered for resale under this prospectus, which represents (i)Â the 68,807Â Commitment Shares we issued to Alumni Capital upon execution of the Purchase Agreement and (ii)Â 4,931,193Â shares of our Common Stock that we may issue and sell to Alumni Capital in the future under the Purchase Agreement in accordance with the Exchange Cap, if and when we elect to sell shares of our Common Stock to Alumni Capital under the Purchase Agreement. Depending on the market prices of our Common Stock at the time we elect to issue and sell shares of our Common Stock to Alumni Capital under the Purchase Agreement, we may need to register for resale under the Securities Act additional shares of our Common Stock in order to receive aggregate gross proceeds equal to the \$5,000,000 total commitment available to us under the Purchase Agreement. If all of such 5,000,000Â shares of our Common Stock offered hereby were issued and outstanding as of the date of this prospectus, such shares would represent approximately 44% of the total number of outstanding shares of Common Stock. If we elect to issue and sell to Alumni Capital under the Purchase Agreement more than the 4,931,193Â shares of our Common Stock (other than Commitment Shares) being registered for resale by Alumni Capital under this prospectus (assuming we have the right to do so under Nasdaq rules), which we have the right, but not the obligation, to do, we must first register for resale under the Securities Act any such additional shares of our Common Stock, which could cause additional substantial dilution to our stockholders. The number of shares of our Common Stock ultimately offered for sale by Alumni Capital is dependent upon the number of shares purchased by Alumni Capital under the Purchase Agreement. Â Issuances of our Common Stock to Alumni Capital under the Purchase Agreement will not affect the rights or privileges of our existing stockholders, except insofar as the economic and voting interests of each of our existing stockholders are diluted as a result of any such issuance. Although the number of shares of our Common Stock that our existing stockholders own will not decrease, the shares of our Common Stock owned by our existing stockholders will represent a smaller percentage of our total outstanding shares of our Common Stock after any such issuance of shares of our Common Stock to Alumni Capital under the Purchase Agreement. There are substantial risks to our stockholders as a result of the sale and issuance of Common Stock to Alumni Capital under the Purchase Agreement. See â€œRisk Factors.â€ Â 6 Â The Offering Â Issuer Â Adial Pharmaceuticals, Inc. Â Â Â Common stock offered by the Selling Stockholder Â This prospectus covers the resale of a total of up to 5,000,000Â shares of our Common Stock, consisting of: Â Â Â Â Â â— 68,807Â shares of Common Stock issued to Alumni Capital upon the execution of the Purchase Agreement as Commitment Shares; and Â Â Â Â Â â— 4,931,193Â additional shares of Common Stock that we may sell to Alumni Capital pursuant to the Purchase Agreement from time to time after the registration statement that includes this prospectus is declared effective. Â Offering price Â The Selling Stockholder will sell the shares at prevailing market prices or privately negotiated prices. Â Â Â Common stock outstanding immediately before this offering Â 6,474,588Â shares Â Â Â Common stock outstanding after this offering Â 11,405,781Â shares(1) Â Â Use of proceeds Â The Selling Stockholder will receive all of the proceeds from the sale of the shares offered for sale by it under this prospectus. We will not receive proceeds from the sale of the shares by the Selling Stockholder. However, we may receive proceeds of up to \$5.0Â million from the sale of our Common Stock to the Selling Stockholder under the Purchase Agreement described above. Any proceeds from the Selling Stockholder that we receive under the Purchase Agreement are expected to be used for strategic opportunities, working capital and other general corporate purposes. See â€œUse of Proceeds.â€ Â Â Risk factors Â Investing in our Common Stock involves a high degree of risk. You should carefully read and consider the information on page 8 of this prospectus set forth under the headings â€œRisk Factorsâ€ and all other information set forth in this prospectus and the documents incorporated herein by reference before deciding to invest in our Common Stock. Â Â Â Nasdaq Capital Markets symbols Â Our Common Stock is listed on Nasdaq under the symbols â€œADIL.â€ Â (1)Except as otherwise indicated herein, the number of shares of our Common Stock to be outstanding after this offering is based on 6,474,588Â shares of Common Stock outstanding as of DecemberÂ 17, 2024, which includes the 68,807Â Commitment Shares and excludes: Â â—4,201,568Â shares of Common Stock issuable as of the

date hereof upon the exercise of Common Stock warrants outstanding at a weighted average exercise price of \$8.45 per share; 733,971 shares of Common Stock issuable upon the exercise of stock options outstanding at a weighted-average exercise price of \$9.76 per share; and 1,128,165 shares of Common Stock available for future issuance under the 2017 Equity Incentive Plan. **Risk Factors** Our business, results of operations and financial condition and the industry in which we operate are subject to various risks. Accordingly, investing in our securities involves a high degree of risk. This prospectus does not describe all of those risks. You should consider the risk factors described in this prospectus below, as well as those described under the caption "Risk Factors" in the documents incorporated by reference herein, including our most recent Annual Report on Form 10-K, our Quarterly Reports on Form 10-Q, together with the other information contained or incorporated by reference in this prospectus. We have described below and, in the documents incorporated by reference herein, the most significant risk factors applicable to us, but they do not constitute all of the risks that may be applicable to us. New risks may emerge from time to time, and it is not possible for us to predict all potential risks or to assess the likely impact of all risks. Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus and any amendment to this prospectus or any prospectus supplement. This prospectus also contains forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in the forward-looking statements as a result of a number of factors, including the risks described below. See the section titled "Cautionary Note Regarding Forward-Looking Statements." **Risks Related to this Offering** It is not possible to predict the actual number of shares we will sell under the Purchase Agreement to the Selling Stockholder, or the actual gross proceeds resulting from those sales. Subject to certain limitations in the Purchase Agreement and compliance with applicable law, we have the discretion to deliver notices to the Selling Stockholder at any time throughout the term of the Purchase Agreement. The actual number of Shares that are sold to the Selling Stockholder may depend based on a number of factors, including the market price of the Common Stock during the sales period. Actual gross proceeds may be less than \$5.0 million, which may impact our future liquidity. Because the price per share of each share sold to the Selling Stockholder will fluctuate during the sales period, it is not currently possible to predict the number of shares that will be sold or the actual gross proceeds to be raised in connection with those sales. The terms of the Purchase Agreement limit the amount of shares we may issue to the Selling Stockholder, which may limit our ability to utilize the arrangement to enhance our cash resources. The Purchase Agreement includes restrictions on our ability to sell our Shares to Alumni, including, subject to specified limitations, if a sale would cause Alumni to beneficially own more than 4.99% of our issued and outstanding shares Common Stock and a floor price of \$0.55 at which we may not sell to Alumni any Shares. Accordingly, we cannot guarantee that we will be able to sell the full amount of Shares that Alumni has committed to purchase, if any. If we cannot sell the full amount of Shares that Alumni has committed to purchase because of these limitations, we may be required to utilize more costly and time-consuming means of accessing the capital markets, which could materially adversely affect our liquidity and cash position. **Our charter limits our ability to issue shares.** Our charter authorizes us to issue up to 50,000,000 shares of Common Stock, with 6,474,588 shares of Common Stock, 733,971 options, and 4,201,568 warrants outstanding, as well as 1,128,165 shares reserved for issue under our 2017 equity incentive plan, 37,461,708 shares of Common Stock remain issuable at this time, prior to the issuance of any shares under the terms of the Purchase agreement, other than the Commitment Shares. Additional shares may become issuable with the expiration of currently outstanding warrants or if we effect a reverse share split in the future. We may register additional shares as they become issuable. Nonetheless, depending on our share price, we may not be able to issue sufficient shares to realize the full \$5.0 million in proceeds from the Purchase Agreement. **Investors who buy shares at different times will likely pay different prices.** Investors who purchase Shares in this offering at different times will likely pay different prices, and so may experience different levels of dilution and different outcomes in their investment results. In connection with the Alumni Capital Transaction, we will have discretion, subject to market demand, to vary the timing, prices, and numbers of Shares sold to Alumni Capital. Similarly, Alumni Capital may sell such Shares at different times and at different prices. Investors may experience a decline in the value of the Shares they purchase from the Selling Stockholder in this offering as a result of sales made by us in future transactions to Alumni Capital at prices lower than the prices they paid. **The issuance of Common Stock to the Selling Stockholder may cause substantial dilution to our existing stockholders, and the sale of such Shares acquired by the Selling Stockholder could cause the price of our Common Stock to decline.** We are registering for resale by the Selling Stockholder up to 5,000,000 shares of Common Stock, consisting of 68,807 shares issued to the Selling Stockholder as Commitment Shares upon execution of the Purchase Agreement, and an additional 4,931,193 shares of Common Stock that we may issue and sell to the Selling Stockholder under the Purchase Agreement from time-to-time following Commencement. The number of shares of our Common Stock ultimately offered for resale by the Selling Stockholder under this prospectus is dependent upon the number of shares of Common Stock issued to the Selling Stockholder pursuant to the Purchase Agreement. Depending on a variety of factors, including market liquidity of our Common Stock, the issuance of Shares to the Selling Stockholder may cause the trading price of our Common Stock to decline. **The Selling Stockholder is irrevocably bound to purchase up to 4,931,193 shares of our Common Stock being registered for resale hereby provided that the conditions set forth in the Purchase Agreement are met within the limitation set forth in the Purchase Agreement and, following receipt by the Selling Stockholder of shares of our Common Stock issued to the Selling Stockholder under the Purchase Agreement, the Selling Stockholder may sell all, some or none of such Shares.** The sale of a substantial number of shares of our Common Stock by the Selling Stockholder in this offering, or anticipation of such sales, could cause the trading price of our Common Stock to decline or make it more difficult for us to sell equity or equity-related securities in the future at a time and at a price that we might otherwise desire. **Our need for future financing may result in the issuance of additional securities, which will cause investors to experience dilution.** Our cash requirements may vary from those now planned, depending upon numerous factors, including the results of future research and development activities. We expect our expenses to increase if and when we initiate and conduct additional clinical trials, and seek marketing approval for our product candidates. In addition, if we obtain marketing approval for any of our product candidates, we expect to incur significant commercialization expenses related to product sales, marketing, manufacturing and distribution. Accordingly, we will need to obtain substantial additional funding in connection with our continuing operations. There are no other commitments by any person for future financing. Our securities may be offered to other investors at a price lower than the price per share offered to current stockholders, or upon terms which may be deemed more favorable than those offered to current stockholders. In addition, the issuance of securities in any future financing may dilute an investor's equity ownership and have the effect of depressing the market price for our securities.

Moreover, we may issue derivative securities, including options and/or warrants, from time to time, to procure qualified personnel or for other business reasons. The issuance of any such derivative securities, which is at the discretion of our board of directors, may further dilute the equity ownership of our stockholders.  $\Delta$  9  $\Delta$  We have additional securities available for issuance, which, if issued, could adversely affect the rights of the holders of our Common Stock.  $\Delta$  Our Amended and Restated Certificate of Incorporation, as amended, authorizes the issuance of 50,000,000 shares of our Common Stock and 5,000,000 shares of preferred stock. In certain circumstances, the Common Stock, as well as the awards available for issuance under our equity incentive plans, can be issued by our board of directors, without stockholder approval. Any future issuances of such stock would further dilute the percentage ownership of us held by holders of preferred stock and Common Stock. In addition, the issuance of certain securities, including pursuant to the terms of our stockholder rights plan, may be used as an  $\text{æanti-takeover}$  device without further action on the part of our stockholders, and may adversely affect the holders of the Common Stock.  $\Delta$  Future sales of our Common Stock could cause the market price for our Common Stock to decline.  $\Delta$  We cannot predict the effect, if any, that market sales of shares of our Common Stock or the availability of shares of our Common Stock for sale will have on the market price of our Common Stock prevailing from time to time. Sales of substantial amounts of shares of our Common Stock in the public market, or the perception that those sales will occur, could cause the market price of our Common Stock to decline or be depressed.  $\Delta$  The shares of Common Stock issued in connection with this offering will be freely tradable without restriction or further registration under the Securities Act.  $\Delta$  Because we will not declare cash dividends on our Common Stock in the foreseeable future, stockholders must rely on appreciation of the value of our Common Stock for any return on their investment.  $\Delta$  We have never declared or paid cash dividends on our Common Stock. We currently anticipate that we will retain any future earnings from the development, operation and expansion of our business and will not declare or pay any cash dividends in the foreseeable future. As a result, only appreciation of the price of our Common Stock, if any, will provide a return to investors in this offering. See  $\text{æDividend Policy.}$   $\Delta$  Our management will have broad discretion over the use of the net proceeds from our sale of shares of Common Stock to Alumni Capital, you may not agree with how we use the proceeds and the proceeds may not be invested successfully.  $\Delta$  Our management will have broad discretion over the use of proceeds from this offering. We intend to use the net proceeds from this offering, primarily for strategic opportunities, working capital and other general corporate purposes. Our management will have considerable discretion in the application of the net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. The net proceeds, if any, may be used for corporate purposes that do not improve our operating results or enhance the value of our Common Stock. The failure of our management to use these funds effectively could have a material adverse effect on our business, cause the market price of our Common Stock to decline and impair the commercialization of our products and/or delay the development of our product candidates. Pending their use, we may invest the net proceeds from this offering in short-term, investment-grade, interest-bearing instruments and U.S. government securities. These investments may not yield a favorable return to our stockholders.  $\Delta$  10  $\Delta$  The Alumni Capital Transaction  $\Delta$  General  $\Delta$  On December $\Delta$  13, 2024, we entered into a Purchase Agreement (the  $\text{æPurchase Agreement}$ ) with Alumni Capital. Pursuant to the Purchase Agreement, we have the right to sell to Alumni Capital up to the lesser of (i)  $\$5,000,000$  of newly issued shares, subject to increase to  $\$10,000,000$  at our option (the  $\text{æInvestment Amount}$ ), of the shares of our common stock, par value  $\$0.001$  per share (the  $\text{æCommon Stock}$ ), and (ii)  $\Delta$  the Exchange Cap (as defined below) (subject to certain conditions and limitations), from time to time during the term of the Purchase Agreement. Sales of Shares pursuant to the Purchase Agreement, and the timing of any sales, are solely at our option and we are under no obligation to sell securities pursuant to this arrangement. Shares may be sold by us pursuant to this arrangement over a period ending on the earlier of December $\Delta$  31, 2026 or the date on which Alumni Capital shall have purchased Shares pursuant to the Purchase Agreement for an aggregate purchase price of the Investment Amount; provided, however that we can terminate the Purchase Agreement at any time upon ten days prior written notice, subject to the satisfaction of the conditions in the Purchase Agreement.  $\Delta$  Upon the satisfaction of the conditions in the Purchase Agreement, including that a registration statement that we agreed to file with the SEC pursuant to the Purchase Agreement is declared effective by the SEC and a final prospectus in connection therewith is filed with the SEC, we will have the right, but not the obligation, from time to time at our sole discretion over the period described above, to direct Alumni Capital to purchase up to a fixed maximum number of Shares as set forth in the Purchase Agreement; provided, that Alumni Capital $\text{æ}^{\text{TM}}$  maximum commitment under any single fixed purchase will not exceed the greater of (i)  $\$500,000$  and (ii)  $150\%$  of the average daily trading volume of the Common Stock during the five (5) Days immediately prior to the date that we deliver a Purchase Notice, without mutual agreement of Alumni Capital; further provided, however, that the maximum commitment under any single fixed purchase will in no case exceed  $\$1,250,000$  or, with mutual agreement of Alumni Capital,  $\$2,500,000$ .  $\Delta$  The purchase price per Share that may be sold to Alumni Capital under the Purchase Agreement in such fixed purchases equals ninety-seven percent (97%) of the lowest daily dollar volume-weighted average price for the Common Stock during the period ending on the earlier of (i)  $\Delta$  three (3) consecutive trading days period following the date we deliver a purchase notice and (ii)  $\Delta$  the date on which Alumni Capital notifies us that it is prepared to proceed with the closing, subject to a Minimum Acceptable Price (as defined in the Purchase Agreement). There is no upper limit on the price per share that Alumni Capital might be obligated to pay for the Common Stock under the Purchase Agreement; provided, however, that at no time can the purchase price be below  $\$0.55$  per share (subject to adjustment as provided in the Purchase Agreement for any reorganization, recapitalization, non-cash dividend, stock split, or other similar transaction occurring after the date of the Purchase Agreement).  $\Delta$  The Company will control the timing and amount of any sales of Shares to Alumni Capital. Actual sales of Shares to Alumni Capital under the Purchase Agreement will depend on a variety of factors to be determined by us from time to time, including, among other things, market conditions, the trading price of the Common Stock and determinations by us as to the appropriate sources of funding for us and our operations.  $\Delta$  11  $\Delta$  Under the applicable rules of the Nasdaq, in no event may we issue more than 1,280,515 $\Delta$  Shares (including the Commitment Shares, as defined below), representing 19.99% of the shares of the Common Stock outstanding immediately prior to the execution of the Purchase Agreement (the  $\text{æExchange Cap}$ ), to Alumni Capital under the Purchase Agreement, unless we obtain stockholder approval to issue shares of Common Stock in excess of the Exchange Cap, provided further that the Exchange Cap does not apply to the extent the purchase price is equal to or exceeds the Minimum Price, which is  $\$1.09$ .  $\Delta$  In all instances, we may not sell Shares to Alumni Capital under the Purchase Agreement if it would result in Alumni Capital beneficially owning more than 4.99% of the Common Stock (the  $\text{æBeneficial Ownership Limitation}$ ).  $\Delta$  The net proceeds from sales, if any, under the Purchase Agreement, will depend on the frequency and prices at which we sell Shares. To the extent we sell Shares under the Purchase Agreement, we currently

plan to use any proceeds therefrom for strategic opportunities, working capital, and other general corporate purposes. □ There are no restrictions on future financings, rights of first refusal, participation rights, penalties, or liquidated damages in the Purchase Agreement. Alumni Capital has agreed not to cause, or engage in any manner whatsoever, any direct or indirect short selling or hedging of the Common Stock during certain periods. □ As consideration for Alumni Capital's irrevocable commitment to purchase Shares upon the terms of and subject to satisfaction of the conditions set forth in the Purchase Agreement, concurrently with the execution and delivery of the Purchase Agreement, we issued to Alumni Capital 68,807 shares of Common Stock (the "Commitment Shares"). If we were to elect to increase the number of the shares of Common Stock available for purchase under the Purchase Agreement from \$5,000,000 up to a limit of \$10,000,000, we would be obligated to issue to Alumni Capital additional shares of Common Stock as a commitment fee equal to 1.5% of the increased amount divided by the closing price of the Common Stock on the date of issuance and delivery by us of the notice to increase such amount. □ Pursuant to the Purchase Agreement, we have agreed to file a registration statement with the SEC to register for resale under the Securities Act the shares of our Common Stock that may be issued to Alumni Capital under the Purchase Agreement, including the Commitment Shares. The Purchase Agreement contains customary representations, warranties, conditions and indemnification obligations of the parties. The representations, warranties and covenants contained in such agreements were made only for purposes of such agreements and as of specific dates, were solely for the benefit of the parties to such agreements and may be subject to limitations agreed upon by the contracting parties. □ We have the right to terminate the Purchase Agreement at any time, at no cost or penalty, upon written notice to Alumni Capital except during any time that Alumni Capital holds any Shares. Neither we nor Alumni Capital may assign or transfer its rights and obligations under the Purchase Agreement, and no provision of the Purchase Agreement or the Registration Rights Agreement may be modified or waived by the parties except in writing. □ 12 □ We do not know what the purchase price for our Common Stock will be or whether there will occur an exception to the Exchange Cap and therefore cannot be certain as to the number of shares we might issue to Alumni Capital under the Purchase Agreement after the date of this prospectus. As of December 13, 2024, immediately prior to execution of the Purchase Agreement and issuance of the Commitment Shares to Alumni Capital, there were 6,405,781 shares of our Common Stock outstanding. Although the Purchase Agreement provides that we may sell up to an aggregate of \$5,000,000 of shares of our Common Stock to Alumni Capital, only 5,000,000 shares of our Common Stock are being registered for resale under this prospectus, which represents (i) the 68,807 Commitment Shares we issued to Alumni Capital upon execution of the Purchase Agreement and (ii) 4,931,193 shares of our Common Stock (the "Purchase Notice Shares") that we may issue and sell to Alumni Capital in the future under the Purchase Agreement in accordance with the Exchange Cap, if and when we elect to sell shares of our Common Stock to Alumni Capital under the Purchase Agreement. Depending on the market prices of our Common Stock at the time we elect to issue and sell shares of our Common Stock to Alumni Capital under the Purchase Agreement, we may need to register for resale under the Securities Act additional shares of our Common Stock in order to receive aggregate gross proceeds equal to the \$5,000,000 total commitment available to us under the Purchase Agreement. If all of such 5,000,000 shares of our Common Stock offered hereby were issued and outstanding as of the date of this prospectus, such shares would represent approximately 44% of the total number of outstanding shares of Common Stock. If we elect to issue and sell to Alumni Capital under the Purchase Agreement more than the 4,931,193 shares of our Common Stock (other than Commitment Shares) being registered for resale by Alumni Capital under this prospectus (assuming we have the right to do so under Nasdaq rules), which we have the right, but not the obligation, to do, we must first register for resale under the Securities Act any such additional shares of our Common Stock, which could cause additional substantial dilution to our stockholders. The number of shares of our Common Stock ultimately offered for sale by Alumni Capital is dependent upon the number of shares purchased by Alumni Capital under the Purchase Agreement. □ Issuances of our Common Stock to Alumni Capital under the Purchase Agreement will not affect the rights or privileges of our existing stockholders, except that the economic and voting interests of each of our existing stockholders will be diluted as a result of any such issuance. Although the number of shares of our Common Stock that our existing stockholders own will not decrease, the shares of our Common Stock owned by our existing stockholders will represent a smaller percentage of our total outstanding shares of our Common Stock after any such issuance of shares of our Common Stock to Alumni Capital under the Purchase Agreement. There are substantial risks to our stockholders as a result of the sale and issuance of Common Stock to Alumni Capital under the Purchase Agreement. See "Risk Factors." □ 13 □ Conditions to Commencement and for Delivery of Fixed Purchase Notices □ Our ability to deliver purchase notices to Alumni Capital under the Purchase Agreement are subject to the satisfaction by us, of certain conditions, all of which are entirely outside of Alumni Capital's control, including the following: □ —the accuracy in all material respects of our representations and warranties included in the Purchase Agreement on the date of the Purchase Agreement and the date of each closing of a purchase and sale under the Purchase Agreement of; □ —the Company having performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by the Purchase Agreement to be performed, satisfied or complied with by the Company; □ —the registration statement that includes this prospectus (and amendment or supplement thereto) shall remain effective for the offering and sale of the Shares and (i) we shall not have received notice that the SEC has issued or intends to issue a stop order with respect to such registration statement or that the SEC otherwise has suspended or withdrawn the effectiveness of such registration statement, either temporarily or permanently, or intends or has threatened to do so and (ii) no other suspension of the use of, or withdrawal of the effectiveness of, such registration statement or the prospectus shall exist. Alumni Capital shall not have received any notice from us that the registration statement, prospectus and/or any prospectus supplement or amendment thereto fails to meet the requirements of Section 5(b) or Section 10 of the Securities Act; □ —the number of Shares then to be purchased by Alumni Capital shall not exceed the number of such shares that, when aggregated with all other shares of Common Stock then owned by the Investor beneficially or deemed beneficially owned by Alumni Capital, would result in Alumni Capital owning more than the Beneficial Ownership Limitation; □ —trading in the Common Stock shall not have been suspended by the SEC or the Nasdaq, or otherwise halted for any reason, and the Common Stock shall have been approved for listing or quotation on and shall not have been delisted from or no longer quoted on the Nasdaq; □ —the issuance of the Shares (including the Increase Commitment Shares, as defined in the Purchase Agreement) shall not exceed the Exchange Cap if applicable (subject to appropriate adjustment for any stock dividend, stock split, stock combination, rights offerings, reclassification or similar transaction that proportionately decreases or increases the Common Stock) unless holders of a majority of our outstanding voting Common Stock that are present or represented by proxy at a meeting to effectuate the transactions contemplated by the Purchase Agreement, vote in favor of the issuance of all of the Shares including the Commitment Shares in excess

the Exchange Cap (subject to appropriate adjustment for any stock dividend, stock split, stock combination, rights offerings, reclassification or similar transaction that proportionately decreases or increases the Common Stock), provided further that, the Exchange Cap will not apply solely to the extent that (and only for so long as) the purchase price shall equal or exceed the Minimum Price (as defined in the Purchase Agreement);  $\Delta$  14  $\Delta$   $\Delta$ —the absence of any statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or adopted by any court or governmental authority of competent jurisdiction that prohibits or directly and materially adversely affects any of the transactions contemplated by the Purchase Agreement and the exhibits thereto, and no proceeding shall have been commenced that may have the effect of prohibiting or materially adversely affecting any of the transactions contemplated by the Purchase Agreement and the exhibits thereto;  $\Delta$   $\Delta$ —the Common Stock must be DWAC Eligible and not subject to a  $\Delta$ œDTC chill $\Delta$ ;  $\Delta$   $\Delta$ —the issuance of the Purchase Notice Shares shall not violate the shareholder approval requirements of the Principal Market;  $\Delta$   $\Delta$ —since our most recent filing with the SEC of any document required under the Securities Act or the Exchange Act, no event shall have occurred that had or is reasonably likely to have an effect on our business, operations, properties, or financial condition that is material and adverse to us and/or any condition, circumstance, or situation that would prohibit or otherwise materially interfere with our ability to enter into and perform our obligations under the Purchase Agreement;  $\Delta$   $\Delta$ —we shall have no knowledge of any event more likely than not to have the effect of causing the effectiveness of the registration statement to be suspended or the prospectus or any prospectus supplement thereto failing to meet the requirement of Sections 5(b) or 10 of the Securities Act (which event is more likely than not to occur within the fifteen (15) business days following the Business Day on which such Purchase Notice is deemed delivered; and  $\Delta$   $\Delta$ —all reports, schedules, registrations, forms, statements, information and other documents required to have been filed by us with the SEC pursuant to the reporting requirements of the Exchange Act shall have been filed with the SEC.  $\Delta$  Termination of the Purchase Agreement  $\Delta$  Unless earlier terminated as provided in the Purchase Agreement, the Purchase Agreement will terminate automatically on the earliest to occur of:  $\Delta$   $\Delta$ —December 31, 2026;  $\Delta$   $\Delta$ —the date on which Alumni Capital shall have purchased Shares for an aggregate purchase price of the Investment Amount; or  $\Delta$   $\Delta$ —the date on which we commence a voluntary bankruptcy case or any third party commences a bankruptcy proceeding against us, a custodian is appointed us in a bankruptcy proceeding for all or substantially all of its property, or we make a general assignment for the benefit of its creditors.  $\Delta$  We have the right to terminate the Purchase Agreement at any time upon ten days prior written notice, at no cost or penalty, except during any time that Alumni Capital holds any Purchase Notice Shares.  $\Delta$  15  $\Delta$   $\Delta$  No Short-Selling or Hedging by Alumni Capital  $\Delta$  Alumni Capital has agreed that neither it nor any of its affiliates shall engage in any direct or indirect short-selling our Common Stock during any time prior to the termination of the Purchase Agreement.  $\Delta$  Effect of Performance of the Purchase Agreement on our Stockholders  $\Delta$  All Shares registered in this offering that may be issued or sold by us to Alumni Capital under the Purchase Agreement are expected to be freely tradable. The resale by Alumni Capital of a significant number of Shares registered in this offering at any given time, or the perception that these sales may occur, could cause the market price of our Common Stock to decline and to be highly volatile. Sales of our Common Stock to Alumni Capital, if any, will depend upon market conditions and other factors to be determined by us. We may ultimately decide to sell to Alumni Capital all, some or none of the additional shares of our Common Stock that may be available for us to sell pursuant to the Purchase Agreement. If and when we do sell Shares to Alumni Capital, after Alumni Capital has acquired the Shares, Alumni Capital may resell all, some or none of those Shares at any time or from time to time in its discretion. Therefore, sales to Alumni Capital by us under the Purchase Agreement may result in substantial dilution to the interests of other holders of our Common Stock. In addition, if we sell a substantial number of Shares to Alumni Capital under the Purchase Agreement, or if investors expect that we will do so, the actual sales of Shares or the mere existence of our arrangement with Alumni Capital may make it more difficult for us to sell equity or equity-related securities in the future at a time and at a price that we might otherwise wish to effect such sales. However, we have the right to control the timing and amount of any additional sales of Shares to Alumni Capital and the Purchase Agreement may be terminated by us at any time at our discretion without any cost to us, subject to certain conditions.  $\Delta$  Pursuant to the terms of the Purchase Agreement, we have the right, but not the obligation, to direct Alumni Capital to purchase up to \$5,000,000 of our Common Stock, subject to certain limitations. We have registered only a portion of the Shares issuable under the Purchase Agreement and, therefore, we may seek to issue and sell to Alumni Capital under the Purchase Agreement more shares of our Common Stock than are offered under this prospectus. If we choose to do so, we must first register for resale under the Securities Act any such additional shares, which could cause additional substantial dilution to our stockholders. The number of Shares ultimately offered for resale under this prospectus is dependent upon the number of Shares we direct Alumni Capital to purchase under the Purchase Agreement.  $\Delta$  The following table sets forth the amount of gross proceeds we would receive from Alumni Capital from our sale of shares of Common Stock to Alumni Capital under the Purchase Agreement at varying purchase prices:  $\Delta$  Assumed Average Purchase Price Per Share  $\Delta$  Number of Registered Shares to be Issued if Full Purchase  $\Delta$  (1)  $\Delta$  Gross Proceeds from the Sale of Shares to Alumni Capital Under the Purchase Agreement  $\Delta$  \$0.55  $\Delta$   $\Delta$  \$4,931,193  $\Delta$   $\Delta$  \$2,712,156  $\Delta$  \$0.65  $\Delta$   $\Delta$  \$4,931,193  $\Delta$   $\Delta$  \$3,205,275  $\Delta$   $\Delta$  \$0.75  $\Delta$   $\Delta$  \$4,931,193  $\Delta$   $\Delta$  \$3,698,395  $\Delta$   $\Delta$  \$0.85  $\Delta$   $\Delta$  \$4,931,193  $\Delta$   $\Delta$  \$4,191,514  $\Delta$   $\Delta$  \$0.95  $\Delta$   $\Delta$  \$4,931,193  $\Delta$   $\Delta$  \$4,684,633  $\Delta$   $\Delta$  (1) Although the Purchase Agreement provides that we may sell up to \$5,000,000 of our Common Stock to Alumni Capital, we are only registering 5,000,000 shares under this prospectus (which includes the 68,807 shares of Common Stock we issued to Alumni Capital as Commitment Shares upon execution of the Purchase Agreement), which may or may not cover all of the Shares we ultimately sell to Alumni Capital under the Purchase Agreement. In no event will we issue in excess of 1,280,515 shares of Common Stock unless (i) we obtain stockholder approval to issue shares of our Common Stock in excess of the Exchange Cap or (ii) the price of any applicable sales of Common Stock to Alumni Capital under the Purchase Agreement equals or exceeds \$1.09, the closing price of our Common Stock on the day prior to the date we executed the Purchase Agreement. The number of registered shares to be issued as set forth in this column (A) is without regard for the Beneficial Ownership Limitation and (B) does not include the 68,807 Commitment Shares already issued to Alumni Capital upon execution of the Purchase Agreement.  $\Delta$  16  $\Delta$   $\Delta$  Use of Proceeds  $\Delta$  This prospectus relates to shares of Common Stock that may be offered and sold from time to time by Alumni Capital. We will not receive any proceeds from the resale of shares of Common Stock by Alumni Capital.  $\Delta$  We may receive up to \$5,000,000 in gross proceeds if we issue to Alumni Capital Shares issuable pursuant to the Purchase Agreement. We estimate that the net proceeds to us from the sale of our Common Stock to Alumni Capital pursuant to the Purchase Agreement would be up to \$4,850,000, assuming that we sell the full amount of our Common Stock that we have the right, but not the obligation, to sell to Alumni Capital under the Purchase Agreement, and after other estimated fees and expenses. See  $\Delta$ œPlan of Distribution $\Delta$  elsewhere in this

prospectus for more information. Any proceeds from the Selling Stockholder that we receive under the Purchase Agreement are currently expected to be used primarily for strategic opportunities, working capital and other general corporate purposes. Pending these uses, we expect to invest the net proceeds in short-term, interest-bearing securities. We have broad discretion in determining how the proceeds of this offering will be used, and our discretion is not limited by the aforementioned possible uses. Our board of directors believes the flexibility in application of the net proceeds is prudent. As we are unable to predict the timing or amount of potential issuances of all of the additional Shares issuable purchase to the Purchase Agreement, we cannot specify with certainty all of the particular uses for the net proceeds that we will have from the sale of such additional Shares. Accordingly, our management will have broad discretion in the application of the net proceeds. We may use the proceeds for purposes that are not contemplated at the time of this offering. It is possible that no shares will be issued under the Purchase Agreement. We will incur all costs associated with this prospectus and the registration statement of which it is a part. 17 A Dividend Policy We have never declared or paid any cash dividends on our Common Stock and we do not currently intend to pay any cash dividends on our Common Stock in the foreseeable future. We expect to retain all available funds and future earnings, if any, to fund the development and growth of our business rather than to pay cash dividends on our Common Stock. Any future determination to pay dividends, if any, on our Common Stock will be at the discretion of our board of directors and will depend on, among other factors, our results of operations, financial condition, capital requirements and contractual restrictions. 18 A Selling Stockholder This prospectus relates to the possible resale from time to time by Alumni Capital of any or all of the shares of Common Stock that may be issued by us to Alumni Capital under the Purchase Agreement. For additional information regarding the issuance of Common Stock covered by this prospectus, see the section titled "The Alumni Capital Transaction" above. We are registering the shares of Common Stock pursuant to the provisions of the Purchase Agreement we entered into with Alumni Capital on December 13, 2024, in order to permit the Selling Stockholder to offer the Shares for resale from time to time. Except for the transactions contemplated by the Purchase Agreement and the purchase agreement that we entered into with Alumni Capital on May 31, 2023 pursuant to which we have issued and sold 28,534 shares of Common Stock to Alumni Capital, Alumni Capital has not had any material relationship with us within the past three years. As used in this prospectus, the term "Selling Stockholder" means Alumni Capital LP. The table below presents information regarding the Selling Stockholder and the shares of Common Stock that it may offer from time to time under this prospectus. This table is prepared based on information supplied to us by the Selling Stockholder, and reflects holdings as of December 17, 2024. The number of shares in the column "Maximum Number of Shares of Common Stock to be Offered Pursuant to this Prospectus" represents all of the shares of Common Stock that the Selling Stockholder may offer under this prospectus. The Selling Stockholder may sell some, all or none of its shares of Common Stock in this offering. We do not know how long the Selling Stockholder will hold the shares of Common Stock before selling them, and we currently have no agreements, arrangements or understandings with the Selling Stockholder regarding the sale of any of the shares of Common Stock. Beneficial ownership is determined in accordance with Rule 13d-3(d) promulgated by the SEC under the Exchange Act, and includes shares of Common Stock with respect to which the Selling Stockholder has voting and investment power. The percentage of shares of Common Stock beneficially owned by the Selling Stockholder prior to the offering shown in the table below is based on an aggregate of 6,474,588 shares of our Common Stock outstanding on December 17, 2024. Because the purchase price of the shares of Common Stock issuable under the Purchase Agreement is determined on each purchase date, the number of Shares that may actually be sold by us under the Purchase Agreement may be fewer than the number of Shares being offered by this prospectus. The fourth column assumes the sale of all of the Shares offered by the Selling Stockholder pursuant to this prospectus. A Name of Selling Number of Shares of Common Stock Owned Prior to Offering A Maximum Number of Shares of Common Stock to be Offered Pursuant to this A Number of Shares of Common Stock Owned After Offering A Stockholder Number(1) A Percent(2) A Prospectus A Number(3) A Percent(2)(3) A Alumni Capital LP A 68,807 A 1.06% A 5,000,000 A 0 A \* A \*Represents beneficial ownership of less than 1% of the outstanding shares of our Common Stock. A (1)This number represents the 68,807 shares of Common Stock we issued to Alumni Capital on December 13, 2024, as Commitment Shares in consideration for entering into the Purchase Agreement with us. In accordance with Rule 13d-3(d) under the Exchange Act, we have excluded from the number of shares beneficially owned prior to the offering all of the Shares that Alumni Capital may be required to purchase under the Purchase Agreement, because the issuance of such Shares is solely at our discretion and is subject to conditions contained in the Purchase Agreement, the satisfaction of which are entirely outside of Alumni Capital's control, including the registration statement that includes this prospectus becoming and remaining effective. Furthermore, the Purchase Notice Shares are subject to certain agreed upon maximum amount limitations set forth in the Purchase Agreement. Also, the Purchase Agreement prohibits us from issuing and selling any shares of our Common Stock to Alumni Capital to the extent such shares, when aggregated with all other shares of our Common Stock then beneficially owned by Alumni Capital, would cause Alumni Capital's beneficial ownership of our Common Stock to exceed the 4.99% Beneficial Ownership Limitation. The Purchase Agreement also prohibits us from issuing or selling shares of our Common Stock under the Purchase Agreement in excess of the 19.99% Exchange Cap, unless we obtain stockholder approval to do so, or unless sales of Common Stock are made at a price equal to or greater than \$1.09 per share, the closing price of our Common Stock on the day prior to the date we executed the Purchase Agreement, such that the Exchange Cap limitation would not apply under applicable Nasdaq rules. Neither the Beneficial Ownership Limitation nor the Exchange Cap (to the extent applicable under Nasdaq rules) may be amended or waived under the Purchase Agreement. A (2)Applicable percentage ownership is based on 6,474,588 shares of our Common Stock outstanding as of December 17, 2024, which includes the 68,807 Commitment Shares. A (3)Assumes the sale of all Shares being offered pursuant to this prospectus. A (4)The business address of Alumni Capital LP is 80 SW 8th Street, 20th Floor, Miami, Florida 33131. The general partner of Alumni Capital LP is Alumni Capital GP LLC. Ashkan Mapar is the manager of Alumni Capital GP LLC and as such has voting and disposition control over the Shares. We have been advised that none of Alumni Capital LP, Alumni Capital GP LLC nor Ashkan Mapar is a member of the Financial Industry Regulatory Authority, or FINRA, or an independent broker-dealer, or an affiliate or associated person of a FINRA member or independent broker-dealer. A 19 A Plan Of Distribution A The 5,000,000 shares of Common Stock offered by this prospectus are being offered by the Selling Stockholder, Alumni Capital. The Shares may be sold or distributed from time to time by the Selling Stockholder directly to one or more purchasers or through brokers, dealers, or underwriters who may act solely as agents at market prices prevailing at the time of sale, at prices related to the prevailing market prices, at negotiated prices, or at fixed prices, which may be changed. The sale of the shares of our Common Stock offered by this prospectus could be effected in one or more of the following methods: A a—ordinary

brokersâ€™ transactions; Â â—transactions involving cross or block trades; Â â—through brokers, dealers, or underwriters who may act solely as agents; Â â—â€œat the marketâ€ into an existing market for our Common Stock; Â â—in other ways not involving market makers or established business markets, including direct sales to purchasers or sales effected through agents; Â â—in privately negotiated transactions; or Â â—any combination of the foregoing. Â In order to comply with the securities laws of certain states, if applicable, the Shares may be sold only through registered or licensed brokers or dealers. In addition, in certain states, the shares may not be sold unless they have been registered or qualified for sale in the state or an exemption from the stateâ€™s registration or qualification requirement is available and complied with. Â Alumni Capital is an â€œunderwriterâ€ within the meaning of Section 2(a)(11) of the Securities Act. Â Alumni Capital has informed us that it intends to use one or more registered broker-dealers to effectuate all sales, if any, of our Common Stock that it has acquired and may in the future acquire from us pursuant to the Purchase Agreement. Such sales will be made at prices and at terms then prevailing or at prices related to the then current market price. Each such registered broker-dealer will be an underwriter within the meaning of Section 2(a)(11) of the Securities Act. Alumni Capital has informed us that each such broker-dealer will receive commissions from Alumni Capital that will not exceed customary brokerage commissions. Â Brokers, dealers, underwriters or agents participating in the distribution of the shares of our Common Stock offered by this prospectus may receive compensation in the form of commissions, discounts, or concessions from the purchasers, for whom the broker-dealers may act as agent, of the Shares sold by the Selling Stockholder through this prospectus. The compensation paid to any such particular broker-dealer by any such purchasers of shares of our Common Stock sold by the Selling Stockholder may be less than or in excess of customary commissions. Neither we nor the Selling Stockholder can presently estimate the amount of compensation that any agent will receive from any purchasers of shares of our Common Stock sold by the Selling Stockholder. Â 20 Â We know of no existing arrangements between the Selling Stockholder or any other stockholder, broker, dealer, underwriter or agent relating to the sale or distribution of the shares of our Common Stock offered by this prospectus. Â We may from time to time file with the SEC one or more supplements to this prospectus or amendments to the registration statement of which this prospectus forms a part to amend, supplement or update information contained in this prospectus, including, if and when required under the Securities Act, to disclose certain information relating to a particular sale of shares offered by this prospectus by the Selling Stockholder, including the names of any brokers, dealers, underwriters or agents participating in the distribution of such shares by the Selling Stockholder, any compensation paid by the Selling Stockholder to any such brokers, dealers, underwriters or agents, and any other required information. Â We will pay the expenses incident to the registration under the Securities Act of the offer and sale of the shares of our Common Stock covered by this prospectus by the Selling Stockholder. As consideration for its irrevocable commitment to purchase our Common Stock under the Purchase Agreement, we have issued to Alumni Capital 68,807Â shares of our Common Stock as Commitment Shares. Â We also have agreed to indemnify Alumni Capital and certain other persons against certain liabilities in connection with the offering of shares of our Common Stock offered hereby, including liabilities arising under the Securities Act or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities. Alumni Capital has agreed to indemnify us against liabilities under the Securities Act that may arise from certain written information furnished to us by Alumni Capital specifically for use in this prospectus or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers, and controlling persons, we have been advised that in the opinion of the SEC this indemnification is against public policy as expressed in the Securities Act and is therefore, unenforceable. Â We estimate that the total expenses for the offering will be approximately \$75,000. Â Alumni Capital has represented to us that at no time prior to the date of the Purchase Agreement has Alumni Capital or its agents, representatives or affiliates engaged in or effected, in any manner whatsoever, directly or indirectly, any short sale (as such term is defined in Rule 200 of Regulation SHO of the Exchange Act) of our Common Stock, which establishes a net short position with respect to our Common Stock. Alumni Capital has agreed that during the term of the Purchase Agreement, neither Alumni Capital, nor any of its agents, representatives or affiliates will enter into or effect, directly or indirectly, any of the foregoing transactions. Â We have advised the Selling Stockholder that it is required to comply with Regulation M promulgated under the Exchange Act. With certain exceptions, Regulation M precludes the Selling Stockholder, any affiliated purchasers, and any broker-dealer or other person who participates in the distribution from bidding for or purchasing, or attempting to induce any person to bid for or purchase any security which is the subject of the distribution until the entire distribution is complete. Regulation M also prohibits any bids or purchases made in order to stabilize the price of a security in connection with the distribution of that security. All of the foregoing may affect the marketability of the securities offered by this prospectus. Â This offering will terminate on the date that all shares of our Common Stock offered by this prospectus have been sold by the Selling Stockholder. Â Our Common Stock is currently listed on The Nasdaq Capital Market under the symbol â€œADIL.â€ 21 Â Description Of Our Securities Â The following description of our capital stock and the provisions of our certificate of incorporation and our bylaws are summaries and are qualified by reference to the certificate of incorporation and the bylaws. We have filed copies of these documents with the SEC as exhibits to our registration statement of which this prospectus forms a part. Â General Â Our authorized capital stock consists of 50,000,000 shares of Common Stock, par value \$0.001 per share, and 5,000,000 shares of preferred stock, par value \$0.001 per share. Â Common Stock Â Authorized Shares of Common Stock. Â We currently have authorized 50,000,000 shares of Common Stock. Â Voting Rights Â The holders of Common Stock are entitled to one vote per share on all matters to be voted upon by the stockholders, except on matters relating solely to terms of preferred stock. Â Dividend Rights Â Subject to preferences that may be applicable to any outstanding preferred stock, the holders of Common Stock are entitled to receive ratably such dividends, if any, as may be declared from time to time by the board of directors out of funds legally available therefor. Â Liquidation Rights Â In the event of our liquidation, dissolution or winding up, the holders of Common Stock are entitled to share ratably in all assets remaining after payment of liabilities, subject to prior distribution rights of preferred stock, if any, then outstanding. Â Other Rights and Preferences Â The holders of our Common Stock have no preemptive or conversion rights or other subscription rights. There are no redemption or sinking fund provisions applicable to our Common Stock. Â Fully Paid and Nonassessable Â All of our issued and outstanding shares of Common Stock are fully paid and nonassessable. Â 22 Â Listing Â Our Common Stock is listed for trading on The Nasdaq Capital Market under the symbol â€œADIL.â€ Â Transfer Agent and Registrar Â The transfer agent and registrar for our Common Stock is VStock Transfer, LLC. Â Anti-Takeover Effects of Delaware Law Â The provisions of Delaware law, our Certificate of Incorporation and our Bylaws described below may have the effect of delaying, deferring or discouraging another party from acquiring control of us. Â Section 203 of

the Delaware General Corporation Law. We are subject to Section 203 of the Delaware General Corporation Law, which prohibits a Delaware corporation from engaging in any business combination with any interested stockholder for a period of three years after the date that such stockholder became an interested stockholder, with the following exceptions: —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 stockholders, and not by written consent, by the affirmative vote of at least sixty-six and two-thirds percent (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 sale, transfer, pledge or other disposition of 10% or more of the assets of the corporation involving the interested stockholder; 23 —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 loans, advances, guarantees, pledges or other financial benefits by or through the corporation. Certificate of Incorporation and Bylaws Our Certificate of Incorporation and Bylaws provide that: —our board of directors is divided into three classes, one class of which is elected each year by our stockholders with the directors in each class to serve for a three-year term; —the authorized number of directors can be changed only by resolution of our board of directors; —directors may be removed only by the affirmative vote of the holders of at least 60% of the voting power of our outstanding capital stock, whether for cause or without cause; —our Bylaws may be amended or repealed by our board of directors or by the affirmative vote of sixty-six and two-thirds percent (66 2/3%) of the voting power of our outstanding capital stock; —stockholders may not call special meetings of the stockholders or fill vacancies on the board of directors; —our board of directors will be authorized to issue, without stockholder approval, preferred stock, the rights of which will be determined at the discretion of the board of directors and that, if issued, could operate as a “poison pill” to dilute the stock ownership of a potential hostile acquirer to prevent an acquisition that our board of directors does not approve; —our stockholders do not have cumulative voting rights, and therefore our stockholders holding a majority of the shares of Common Stock outstanding will be able to elect all of our directors; and —our stockholders must comply with advance notice provisions to bring business before or nominate directors for election at a stockholder meeting. 24 Potential Effects of Authorized but Unissued Stock We have shares of Common 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 may enable our board of directors to issue shares to persons friendly to current management. Limitations of Director Liability and Indemnification of Directors, Officers and Employees Our Certificate of Incorporation limits the liability of directors to the maximum extent permitted by Delaware law. Delaware law provides that directors of a corporation will not be personally liable for monetary damages for breach of their fiduciary duties as directors, except for liability for any: —breach of their duty of loyalty to us or our stockholders; —act or omission not in good faith or that involves intentional misconduct or a knowing violation of law; —unlawful payments of dividends or unlawful stock repurchases or redemptions as provided in Section 174 of the Delaware General Corporation Law; or —transaction from which the directors derived an improper personal benefit. These limitations of liability do not apply to liabilities arising under the federal or state securities laws and do not affect the availability of equitable remedies such as injunctive relief or rescission. Our Bylaws provide that we will indemnify our directors and officers to the fullest extent permitted by law and may indemnify employees and other agents. Our Bylaws also provide that we are obligated to advance expenses incurred by a director or officer in advance of the final disposition of any action or proceeding. We have obtained a policy of directors’ and officers’ liability insurance. We have entered into separate indemnification agreements with our directors and officers. These agreements, among other things, require us to indemnify our directors and officers for any and all expenses (including reasonable attorneys’ fees, retainers, court costs, transcript costs, fees of experts, witness fees, travel expenses, duplicating costs, printing and binding costs, telephone charges, postage, delivery service fees) judgments, fines and amounts paid in settlement actually and reasonably incurred by such directors or officers or on his or her behalf in connection with any action or proceeding arising out of their services as one of our directors or officers, or any of our subsidiaries or any other company or enterprise to which the person provides services at our request provided that such person follows the procedures for determining entitlement to indemnification and advancement of expenses set forth in the indemnification agreement. We believe that these bylaw provisions and indemnification agreements are necessary to attract and retain qualified persons as directors and officers. 25 The limitation of liability and indemnification provisions in our Certificate of Incorporation and Bylaws may discourage stockholders from bringing a lawsuit against directors for breach of their fiduciary duties. They may also reduce the likelihood of derivative litigation against directors and officers, even though an action, if successful, might provide a benefit to us and our stockholders. Our results of operations and financial condition may be harmed to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling us, we have been informed that, in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable. At present, there is no pending litigation or proceeding involving any of our directors or officers as to which indemnification is required or permitted, and we are not aware of any threatened litigation or proceeding that may result in a claim for indemnification. Warrants As of December 17, 2024, we had outstanding warrants to purchase an aggregate of 4,201,568 shares of our Common Stock, having a weighted average purchase price of \$8.45 per share. Stock Options As of December 17, 2024, we had outstanding options to purchase an aggregate of 733,971 shares of our Common Stock, having a weighted average purchase price of \$9.76 per share. 26 Legal Matters The validity of the shares of our Common Stock being offered by this prospectus have been passed upon for us by Blank

Rome LLP, New York, New York. Â Experts Â The financial statements of Adial Pharmaceuticals, Inc. as of December 31, 2023 and 2022 and for each of the two years in the period ended December 31, 2023, incorporated by reference in this registration statement have been audited by Marcum LLP, an independent registered public accounting firm, as stated in their report (the report on the financial statements contains an explanatory paragraph regarding our ability to continue as a going concern). Such financial statements are incorporated by reference in reliance upon the report of such firm given upon their authority as experts in accounting and auditing. Â Where You Can Find Additional Information Â We have filed with the SEC a registration statement on Form S-1 under the Securities Act, with respect to the securities being offered by this prospectus. This prospectus does not contain all of the information in the registration statement and its exhibits. For further information with respect to us and the securities offered by this prospectus, we refer you to the registration statement and its exhibits. Statements contained in this prospectus as to the contents of any contract or any other document referred to are not necessarily complete, and in each instance, we refer you to the copy of the contract or other document filed as an exhibit to the registration statement. Each of these statements is qualified in all respects by this reference. The SEC maintains an internet website that contains reports, proxy statements, and other information about registrants, like us, that file electronically with the SEC. The address of that website isÂ [www.sec.gov](http://www.sec.gov). The information contained in, or that can be accessed through, the SECâ€™s website is not incorporated by reference in, and is not part of, this prospectus or any prospectus supplement. Â We are subject to the information and periodic reporting requirements of the Exchange Act, and we file periodic reports, proxy statements and other information with the SEC. These periodic reports, proxy statements and other information are available at the website of the SEC referred to above. We maintain a website atÂ <https://ir.adialpharma.com/sec-filings>. 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 in, and is not part of, this prospectus. Â 27 Â Â Incorporation of Certain Information by Reference Â The SEC allows us to âœincorporate by referenceâ€ information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus. Â We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 001-38323): Â â—Our Annual Report on Form 10-K for the fiscal year ended December 31, 2023 filed with the SEC on AprilÂ 1, 2024; Â â—Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2024, filed with the SEC on May 14, 2024; our Quarterly Report on FormÂ 10-Q for the quarter ended JuneÂ 30, 2024, filed with the SEC on AugustÂ 13, 2024; and our Quarterly Report on FormÂ 10-Q for the quarter ended SeptemberÂ 30, 2024, filed with the SEC on NovemberÂ 13, 2024; Â â—Our Current Reports on Form 8-K filed with the SEC on JanuaryÂ 16, 2024, JanuaryÂ 18, 2024, MarchÂ 6, 2024, AprilÂ 16, 2024, AprilÂ 18, 2024, AprilÂ 26, 2024, NovemberÂ 5, 2024, NovemberÂ 12, 2024, NovemberÂ 18, 2024, DecemberÂ 6, 2024, and December 18, 2024. Â â—The description of our Common Stock set forth in (i) our registration statements on Form 8-A12B, filed with the SEC on December 11, 2017 and Form 8-A12B/A filed with the SEC on July 23, 2018 (File No. 001-38323) and (ii) Exhibit 4.19â€"Description of Securities to our Annual Report on Form 10-K for the fiscal year ended December 31, 2020. Â We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items unless such Form 8-K expressly provides to the contrary) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, including those made (i) on or after the date of the initial filing of the registration statement of which this prospectus forms a part and prior to effectiveness of such registration statement, and (ii) on or after the date of this prospectus but prior to the termination of the offering (i.e., until the earlier of the date on which all of the securities registered hereunder have been sold or the registration statement of which this prospectus forms a part has been withdrawn). Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements. Â We will furnish without charge to each person, including any beneficial owner, to whom a prospectus is delivered, upon written or oral request, a copy of any or all of the documents incorporated by reference into this prospectus but not delivered with the prospectus, including exhibits that are specifically incorporated by reference into such documents. You should direct any requests for documents to: Â Adial Pharmaceuticals, Inc. 4870 Sadler Road, Ste 300 Glen Allen, VA 23060 Telephone (804) 487-8196 Attention: Corporate Secretary Â You may also access these documents, free of charge, on the SECâ€™s website atÂ [www.sec.gov](http://www.sec.gov) or on our website atÂ <https://ir.adialpharma.com/sec-filings>. The information contained in, or that can be accessed through, our website is not incorporated by reference in, and is not part of, this prospectus or any accompanying prospectus supplement. Â In accordance with Rule 412 of the Securities Act, any statement contained in a document incorporated by reference herein shall be deemed modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Â You should rely only on information contained in, or incorporated by reference into, this prospectus and any prospectus supplement. We have not authorized anyone to provide you with information different from that contained in this prospectus or incorporated by reference into this prospectus. We are not making offers to sell the securities in any jurisdiction in which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such an offer or solicitation. Â 28 Â Â Disclosure of Commission Position on Indemnification for Securities Act Liabilities Â Our directors and officers are indemnified to the fullest extent permitted under Delaware law. We also maintain insurance which protects our officers and directors against any liabilities incurred in connection with their service in such a capacity. Â Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers and controlling persons pursuant to the foregoing, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by us of expenses incurred or paid by a director, officer or controlling person of ours in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, we will, unless in the

opinion of our counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue. Â 29 Â Â Â Â Â Up to 5,000,000 Shares of Common Stock Â Â Prospectus Â Â Â Â Part II Â Information Not Required in Prospectus Â ItemÂ 13. Other Expenses of Issuance and Distribution. Â The following table sets forth all expenses to be paid by the registrant, other than any estimated underwriting discounts and commissions, in connection with the offering and sale of the shares of Common Stock being registered. The Selling Stockholder will pay any underwriting discounts, commissions and transfer taxes applicable to shares of Common Stock sold by it. All amounts shown are estimates except for the SEC registration fee. Â Â Â AmountÂ SEC registration feeÂ \$842Â Legal fees and expensesÂ Â 50,000Â Printing expensesÂ Â 2,000Â Accounting fees and expensesÂ Â 20,000Â Miscellaneous fees and expensesÂ Â 2,158Â TotalÂ \$75,000Â ItemÂ 14. Indemnification of Directors and Officers. Â The Registrant is incorporated under the laws of the State of Delaware. Section 145 of the Delaware General Corporation Law provides that a Delaware corporation may indemnify any persons who were, are, or are threatened to be made, parties to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person is or was an officer, director, employee or agent of such corporation, or is or was serving at the request of such corporation as an officer, director, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneysâ€™ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporationâ€™s best interests and, with respect to any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. A Delaware corporation may indemnify any persons who were, are, or are threatened to be made, a party to any threatened, pending or completed action or suit by or in the right of the corporation by reason of the fact that such person is or was a director, officer, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneysâ€™ fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit provided such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporationâ€™s best interests except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him or her against the expenses (including attorneysâ€™ fees) actually and reasonably incurred. Â II-1 Â The Registrantâ€™s certificate of incorporation and amended and restated bylaws provide for the indemnification of its directors and officers to the fullest extent permitted under the Delaware General Corporation Law. Â Section 102(b)(7) of the Delaware General Corporation Law permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any: Â â—transaction from which the director derives an improper personal benefit; Â â—act or omission not in good faith or that involves intentional misconduct or a knowing violation of law; Â â—unlawful payment of dividends or redemption of shares; or Â â—breach of a directorâ€™s duty of loyalty to the corporation or its stockholders. Â The Registrantâ€™s certificate of incorporation includes such a provision. Expenses incurred by any officer or director in defending any such action, suit or proceeding in advance of its final disposition shall be paid by the Registrant upon delivery to it of an undertaking, by or on behalf of such director or officer, to repay all amounts so advanced if it shall ultimately be determined that such director or officer is not entitled to be indemnified by the Registrant. Â Section 174 of the Delaware General Corporation Law provides, among other things, that a director who willfully or negligently approves of an unlawful payment of dividends or an unlawful stock purchase or redemption, may be held liable for such actions. A director who was either absent when the unlawful actions were approved or dissented at the time may avoid liability by causing his or her dissent to such actions to be entered in the books containing minutes of the meetings of the board of directors at the time such action occurred or immediately after such absent director receives notice of the unlawful acts. Â As permitted by the Delaware General Corporation Law, the Registrant has entered into indemnity agreements with each of its directors and executive officers, that require the Registrant to indemnify such persons against any and all costs and expenses (including attorneysâ€™, witness or other professional fees) actually and reasonably incurred by such persons in connection with any action, suit or proceeding (including derivative actions), whether actual or threatened, to which any such person may be made a party by reason of the fact that such person is or was a director or officer or is or was acting or serving as an officer, director, employee or agent of the Registrant or any of its affiliated enterprises. Under these agreements, the Registrant is not required to provide indemnification for certain matters, including: Â â—indemnification beyond that permitted by the Delaware General Corporation Law; Â â—indemnification for any proceeding with respect to the unlawful payment of remuneration to the director or officer; Â II-2 Â Â â—indemnification for certain proceedings involving a final judgment that the director or officer is required to disgorge profits from the purchase or sale of the Registrantâ€™s stock; Â â—indemnification for proceedings involving a final judgment that the directorâ€™s or officerâ€™s conduct was in bad faith, knowingly fraudulent or deliberately dishonest or constituted willful misconduct or a breach of his or her duty of loyalty, but only to the extent of such specific determination; Â â—indemnification for proceedings or claims brought by an officer or director against us or any of the Registrantâ€™s directors, officers, employees or agents, except for claims to establish a right of indemnification or proceedings or claims approved by the Registrantâ€™s board of directors or required by law; Â â—indemnification for settlements the director or officer enters into without the Registrantâ€™s consent; or Â â—indemnification in violation of any undertaking required by the Securities Act or in any registration statement filed by the Registrant. Â The indemnification agreements also set forth certain procedures that will apply in the event of a claim for indemnification thereunder. Â Except as otherwise disclosed in our filings with the SEC, there is at present no pending litigation or proceeding involving any of the Registrantâ€™s directors or executive officers as to which indemnification is required or permitted, and the Registrant is not aware of any threatened litigation or proceeding that may result in a claim for indemnification. Â The Registrant has an insurance policy in place that covers its officers and directors with respect to certain liabilities, including liabilities arising under the Securities Act or otherwise. Â ItemÂ 15. Recent Sales of Unregistered Securities. Â During the last three years, we have issued unregistered securities to the persons described below. We believe that each transaction was exempt from the registration requirements of the Securities Act by virtue of Section 4(a)(2) thereof as a transaction not involving a public offering and/or Rule 506 of Regulation D promulgated under the Securities Act. The recipients both had access, through their

relationship with us, to information about us and represented that they were accredited investors. The sales of these securities were made without any general solicitation or advertising. A On December 17, 2021, we issued 7,200 shares of Common Stock to Bespoke in connection with a private placement. A II-3 A On February 10, 2022, we issued (i) 92,890 shares of Common Stock, (ii) pre-funded warrants (the "Pre-Funded Warrants") to purchase up to 74,600 shares of Common Stock (the "Pre-Funded Warrant Shares") with an exercise price of \$0.025 per share, which Pre-Funded Warrants are to be issued in lieu of shares of Common Stock to ensure that the Investor does not exceed certain beneficial ownership limitations, A and (iii) warrants with a term of five years and six months from the date of issuance, to purchase an aggregate of up to 159,115 shares of Common Stock at an exercise price of \$63.00 per share, subject to customary adjustments thereunder. We issued the shares of Common Stock and pre-funded warrants in a registered direct offering and the warrants in a concurrent private placement. On February 24, 2023, we issued to the Joseph Gunnar & Co., LLC a warrant to purchase up to an aggregate of 7,317 shares of Common Stock as compensation for the transaction. A On May 31, 2023, we issued to Alumni Capital 7,984 shares of Common Stock as commitment shares pursuant to a purchase agreement with Alumni Capital. Since May 31, 2023, we have issued and sold 20,550 shares of Common Stock to Alumni Capital under the purchase agreement. A On October 24, 2023, we issued and sold Pre-Funded Warrants to purchase 1,418,440 shares of Common Stock, Series A Warrants to purchase 1,418,440 shares of Common Stock, and Series B Warrants to purchase 1,418,440 shares of Common Stock to one institutional investor for gross proceeds of approximately \$4.0 million. The Series A Warrants are exercisable for five and one-half (5.5) years and have an exercise price of \$2.82. The Series B Warrants are exercisable for 18 months and have an exercise price of \$2.82. The Series A Warrants and Series B Warrants are exercisable at any time after the earlier of (i) if permissible by the applicable rules and regulations of the Nasdaq, payment by the holder of \$0.125 per Common Warrant Share and (ii) the date of which approval as may be required by the applicable rules and regulations of Nasdaq (or any successor entity) from our stockholders with respect to issuance of all of the Warrants and the shares of Common Stock upon the exercise thereof. The Pre-Funded Warrants have an exercise price of \$0.001 and do not expire until exercised in full. A In connection with the October 2023 Private Placement, we issued warrants (the "Placement Agent Warrants") to purchase an aggregate of 85,106 shares of Common Stock to the placement agent, which is equal to 6.0% of the shares of Common Stock sold in the October 2023 Private Placement. The Placement Agent Warrants are immediately exercisable for five and one-half (5.5) years and have an exercise price of \$3.525. A On March 1, 2024, we entered into the Warrant Inducement Agreement with a holder of warrants to purchase Common Stock, issued in the October 2023 Private Placement (the "Existing Warrants"). Pursuant to the Warrant Inducement Agreement, the holder of the Existing Warrants agreed to exercise for cash the Existing Warrants to purchase up to approximately 1,150,000 shares of Common Stock, at an exercise price of \$2.82 per share. The transactions contemplated by the Warrant Inducement Agreement closed on March 6, 2024. We received aggregate gross proceeds of approximately \$3.5 million, before deducting placement agent fees and other expenses payable by us. A In consideration of the holder's immediate exercise of the Existing Warrants and the payment of \$0.125 per New Warrant (as such term is defined below) in accordance with the Warrant Inducement Agreement, we issued unregistered Series C Warrants to purchase 2,300,000 shares of Common Stock (200% of the number of shares of Common Stock issued upon exercise of the Existing Warrants) (the "New Warrant Shares") to the holder of Existing Warrants. A H.C. Wainwright & Co., LLC ("Wainwright") served as our exclusive placement agent in connection with the transactions described in the Warrant Inducement Agreement, and we paid Wainwright (i) a cash fee equal to 7.0% of the aggregate gross proceeds received from the Holder upon exercise of the Existing Warrants and purchase of the New Warrants, (ii) a management fee of 1.0% of the aggregate gross proceeds received from the Holder upon exercise of the Existing Warrants and purchase of the New Warrants, (iii) a non-accountable expense allowance of \$25,000, and (iv) \$50,000 for legal fees and other out-of-pocket expenses. In addition, we issued to Wainwright, or its designees warrants to purchase up to 69,000 shares of Common Stock (the "Placement Agent Warrants"). The Placement Agent Warrants have substantially the same terms as the New Warrants, except that the Placement Agent Warrants have an exercise price equal to \$3.525, or 125% of the offering price per share of Common Stock underlying the New Warrants. A On December 13, 2024, we issued to Alumni Capital 68,807 shares of Common Stock as Commitment Shares pursuant to the Purchase Agreement. A II-4 A Item A 16. Exhibits and financial statement schedules. A (a)The exhibits to the registration statement are set forth within the Exhibit Index below. A (b)No financial statement schedules are provided because the information called for is not required or is shown either in the financial statements or notes. A Exhibit Index A Exhibit Number A Description of Exhibit 1.1 A At the Market Offering Agreement, dated April 18, 2024, by and between Adial Pharmaceuticals, Inc. and H.C. Wainwright & Co., LLC (Incorporated by reference to Exhibit 1.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on April 18, 2024) 2.1\* A Option Agreement for the Acquisition of Purnovate, Inc. by Adenomed, LLC dated as of January 27, 2023 (Incorporated by reference to Exhibit 2.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on February 1, 2023) 2.2 A Option Exercise Agreement, dated May 8, 2023, by and between Adovate LLC and Adial Pharmaceuticals, Inc. (Incorporated by reference to Exhibit 2.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on May 10, 2023) 2.3 A Final Acquisition Agreement, dated September 18, 2023, by and between Adovate LLC and Adial Pharmaceuticals, Inc. (Incorporated by reference to Exhibit 2.3 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on September 21, 2023) 3.1 A Certificate of Incorporation of Adial Pharmaceuticals, Inc. (Incorporated by reference to Exhibit 3.3 to the Company's Registration Statement on Form S-1, File No. 001-333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 3.2 A Amended and Restated Bylaws of Adial Pharmaceuticals, Inc., dated February 22, 2022 (Incorporated by reference to Exhibit 3.3 to the Company's Annual Report on Form 10-K (File No. 001-38323), filed with the Securities and Exchange Commission on March 28, 2022) 4.1 A Specimen Common Stock Certificate (Incorporated by reference to Exhibit 4.1 to the Company's Registration Statement on Form S-1, File No. 001-333-220368, filed with the Securities and Exchange Commission on October 25, 2017) 4.2 A Form of Representative's Warrant Agreement (Incorporated by reference to Exhibit 4.2 to the Company's Registration Statement on Form S-1, File No. 001-333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 4.3 A Form of Warrant to Purchase Membership Units (2011 Offering) (Incorporated by reference to Exhibit 4.3 to the Company's Registration Statement on Form S-1, File No. 001-333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 4.4+ A Option Agreement between ADial Pharmaceuticals, L.L.C and Tony Goodman, effective July 1, 2017 (Incorporated by reference to Exhibit 4.9 to the Company's Registration Statement on Form S-1, File No. 001-333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 4.5+ A Grant Incentive Plan

(Incorporated by reference to Exhibit 4.10 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on April 16, 2018) 4.6+ A Form of Adial Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Exhibit 4.11 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 4.7+ A Form of Stock Option Grant Notice, Option Agreement (Incentive Stock Option or Nonstatutory Stock Option) and Notice of Exercise under the 2017 Equity Incentive Plan (Incorporated by reference to Exhibit 4.12 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) A II-5 A A 4.8 A Form of Common Stock Purchase Warrant dated November 21, 2017 by and among Adial Pharmaceuticals, Inc. and certain investors (Incorporated by reference to Exhibit 4.17 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on November 22, 2017) 4.9 A Form of Common Stock Purchase Warrant by and between Adial Pharmaceuticals, Inc. certain investors (Incorporated by reference to Exhibit 4.20(a) to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on April 16, 2018) 4.10 A Form of Common Stock Purchase Warrant by and among Adial Pharmaceuticals, Inc. and consultant (Incorporated by reference to Exhibit 4.20(b) to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on April 16, 2018) 4.11 A Warrant to purchase 300,000 shares of Common Stock issued June 6, 2018 (Incorporated by reference to Exhibit 4.21 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on June 11, 2018) 4.12 A Form of Warrant Agent Agreement (Incorporated by reference to Exhibit 4.22 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on June 11, 2018) 4.13 A Form of Pre-Funded Warrant (Incorporated by reference to Exhibit 4.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 4.14 A Form of Series A Purchase Warrant (Incorporated by reference to Exhibit 4.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 4.15 A Form of Series B Purchase Warrant (Incorporated by reference to Exhibit 4.3 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 4.16 A Form of Placement Agent Warrant (Incorporated by reference to Exhibit 4.4 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 4.17 A Form of New Warrant (Incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 6, 2024) 4.18 A Form of Placement Agent Warrant (Incorporated by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 6, 2024) 4.19 A Description of Securities (Incorporated by reference to Exhibit 4.19 to the Company's Annual Report on Form 10-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 22, 2021) 5.1# A Opinion of Blank Rome LLP 10.1 A License Agreement between the University of Virginia Patent Foundation and Adial Pharmaceuticals, L.L.C. effective January 21, 2011 (Incorporated by reference to Exhibit 10.1 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.2 A Amendment #1 to License Agreement between University of Virginia Patent Foundation and Adial Pharmaceuticals, L.L.C effective October 21, 2013 (Incorporated by reference to Exhibit 10.2 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.3 A Amendment #2 to License Agreement between University of Virginia Patent Foundation and Adial Pharmaceuticals, L.L.C effective May 18, 2016 (Incorporated by reference to Exhibit 10.3 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.4 A Amendment #3 to License Agreement between University of Virginia Patent Foundation and Adial Pharmaceuticals, L.L.C effective March 27, 2017 (Incorporated by reference to Exhibit 10.4 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.5+ A Form of Employment Agreement between the Company and William B. Stilley, III (Incorporated by reference to Exhibit 10.15 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.6+ A Form of Employment Agreement between the Company and Joseph Truluck (Incorporated by reference to Exhibit 10.16 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.7 A Form of Indemnification Agreement (Incorporated by reference to Exhibit 10.18 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) A II-6 A A 10.8 A Amendment #4 to License Agreement between University of Virginia Patent Foundation and Adial Pharmaceuticals, L.L.C effective August 15, 2017 (Incorporated by reference to Exhibit 10.20 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on September 7, 2017) 10.9 A Amendment #5 to License Agreement between University of Virginia Patent Foundation and Adial Pharmaceuticals, Inc., dated as of December 14, 2017 (Incorporated by reference to Exhibit 10.23 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on April 16, 2018) 10.10 A Security Agreement dated June 6, 2018 (Incorporated by reference to Exhibit 10.31 to the Company's Registration Statement on Form S-1, File No. 333-220368, filed with the Securities and Exchange Commission on June 11, 2018) 10.11 A Amendment No. 6 to License Agreement between the Company, University of Virginia Patent Foundation d/b/a the University of Virginia Licensing and Ventures Group dated as of December 18, 2018 (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on December 19, 2018) 10.12+ A Amendment to Employment Agreement between Adial Pharmaceuticals, Inc. and William B. Stilley, III, dated as of March 11, 2019 (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 14, 2019) 10.13+ A Amendment to Employment Agreement between Adial Pharmaceuticals, Inc. and Joseph Truluck, dated as of March 11, 2019 (Incorporated by reference to Exhibit 10.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 14, 2019) 10.14+ A Consulting Agreement between Adial Pharmaceuticals, Inc. and Dr. Bankole Johnson, dated March 24, 2019 (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 26, 2019) 10.15 A Master Services Agreement and related statement of work, dated July 5, 2019, by and between Adial Pharmaceuticals, Inc. and Psychological Education Publishing Company (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and

Exchange Commission on July 8, 2019) 10.16+ A Amendment No. 1 to the Adial Pharmaceuticals, Inc. 2017 Equity Incentive Stock Plan (Incorporated by reference to Exhibit A 4.2 to the Company's Form S-8, File No. A 333-226884, filed with the Securities and Exchange Commission on September 13, 2019) 10.17+ A Form of Stock Option Grant Notice, Option Agreement (Incentive Stock Option or Nonstatutory Stock Option) and Notice of Exercise under the 2017 Equity Incentive Plan (Incorporated by reference to Exhibit A 4.3 to the Company's Form S-8, File No. A 333-226884, filed with the Securities and Exchange Commission on September 13, 2019) 10.18 A Amendment to Statement of Work under Master Services Agreement dated December 12, 2019, by and between Adial Pharmaceuticals, Inc. and Psychological Education Publishing Company (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 16, 2019) 10.19 A Guaranty, dated December 12, 2019, executed by Dr. Bankole Johnson (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 16, 2019) 10.20 A Pledge and Security Agreement, dated December 12, 2019 (Incorporated by reference to Exhibit A 10.3 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 16, 2019) 10.21 A Lock-Up Agreement, dated December 12, 2019 between Adial Pharmaceuticals, Inc., Bankole A. Johnson and certain entities controlled by Bankole A. Johnson (Incorporated by reference to Exhibit A 10.4 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 16, 2019) 10.22 A Amendment No. 7 to License Agreement by and between the University of Virginia Patent Foundation d/b/a the University of Virginia Licensing and Ventures Group and Adial Pharmaceuticals, Inc. (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 31, 2019) 10.23+ A Amendment to Employment Agreement between Adial Pharmaceuticals, Inc. and Joseph Truluck, dated as of March 3, 2020 (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on March 6, 2020) 10.24+ A Amendment No. 2 to the Adial Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Appendix A to the Company's Definitive Proxy Statement on Schedule 14A, File No. A 001-38323, filed with the Securities and Exchange Commission on July 21, 2020) 10.25 A Equity Purchase Agreement, dated December 7, 2020, by and among Adial Pharmaceuticals, Inc., Purnovate, LLC, the members of Purnovate, LLC and Robert D. Thompson, as member representative (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 10, 2020) A II-7 A 10.26+ A Offer Letter, dated December 14, 2020 (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 17, 2020) 10.27 A Amendment, dated January 25, 2021, by and among Adial Pharmaceuticals, Inc., Purnovate, Inc., a wholly owned subsidiary of Adial, PNV Conversion Corp. as successor-in interest to Purnovate, LLC, and Robert D. Thompson, as member representative, to the Equity Purchase Agreement, dated December 7, 2020. (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on February 1, 2021) 10.28 A Form of Securities Purchase Agreement (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on March 15, 2021) 10.29 A Form of Registration Rights Agreement (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on March 15, 2021) 10.30+ A Amendment to Executive Employment Agreement with William B. Stilley, III, effective as of February 12, 2021 (Incorporated by reference to Exhibit A 10.37 to the Company's Annual Report on Form 10-K, File No. A 001-3823, filed with the Securities and Exchange Commission on March 22, 2021) 10.31+ A Amendment to Executive Employment Agreement with Joseph Truluck, effective as of February 12, 2021 (Incorporated by reference to Exhibit A 10.38 to the Company's Annual Report on Form 10-K, File No. A 001-3823, filed with the Securities and Exchange Commission on March 22, 2021) 10.32+ A Amendment to Executive Employment Agreement with William B. Stilley, III, effective as of March 17, 2021 (Incorporated by reference to Exhibit A 10.39 to the Company's Annual Report on Form 10-K, File No. A 001-3823, filed with the Securities and Exchange Commission on March 22, 2021) 10.33 A Lockup Agreement Extension executed Dr. Bankole Johnson, dated April 5, 2021. (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on April 9, 2021) 10.34 A Form of Registration Rights Agreement (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on July 9, 2021) 10.35+ A Amendment No. 3 to the Adial Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on September 29, 2021) 10.36 A Form of Stock Purchase Agreement (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on November 12, 2021) 10.37 A Form of Registration Rights Agreement (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on November 12, 2021) 10.38+ A Employment Agreement between Adial Pharmaceuticals, Inc. and Cary Claiborne, dated as of December 7, 2021 (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on December 9, 2021) 10.39 A Form of Securities Purchase Agreement (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on February 14, 2022) 10.40 A Placement Agency Agreement (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on February 14, 2022) 10.41+ A Amendment, dated March 22, 2022, to Consulting Agreement between Adial Pharmaceuticals, Inc. and Dr. Bankole Johnson, dated March 24, 2019 (Incorporated by reference to Exhibit A 10.45 to the Company's Annual Report on Form 10-K (File No. A 001-38323), filed with the Securities and Exchange Commission on March 28, 2022) 10.42+ A Amendment to Employment Agreement, dated as of August 22, 2022, between Adial Pharmaceuticals, Inc. and Cary J. Claiborne (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on August 23, 2022) 10.43+ A Amendment to Employment Agreement, dated as of August 22, 2022, between Adial Pharmaceuticals, Inc. and William B. Stilley (Incorporated by reference to Exhibit A 10.2 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on August 23, 2022) 10.44\* A Amendment, dated September 8, 2022, to Consulting Agreement between Adial Pharmaceuticals, Inc. and Dr. Bankole A. Johnson, dated March 24, 2019, as amended on March 22, 2022 (Incorporated by reference to Exhibit A 10.1 to the Company's Form S-8-K, File No. A 001-38323, filed with the Securities and Exchange Commission on September 13, 2022) 10.45+ A Amendment No. 4 to the Adial

Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Exhibit A 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 13, 2022) A II-8 A 10.46+ A Amendment 6 to Employment Agreement effective as of the January 27, 2023 by and between Adial Pharmaceuticals, Inc. and William B. Stilley, III (Incorporated by reference to Exhibit A 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on February 1, 2023) 10.47 A Form of Securities Purchase Agreement (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on February 23, 2023) 10.48 A Placement Agency Agreement (Incorporated by reference to Exhibit 10.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on February 23, 2023) 10.49 A Voting Agreement (Incorporated by reference to Exhibit 10.3 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on February 23, 2023) 10.50 A Master Services Agreement between Adial Pharmaceuticals, Inc. and The Keswick Group, LLC, dated March 15, 2023 (incorporated by reference to Exhibit A 10.1 to the Current Report on Form 8-K, File No. 001-38323, as filed by the Registrant with the Securities and Exchange Commission on March 21, 2023) 10.51 A Purchase Agreement, dated as of May 31, 2023, by and between Adial Pharmaceuticals, Inc. and Alumni Capital LP (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on June 2, 2023) 10.52 A Form of Securities Purchase Agreement, dated October 19, 2023, by and between Adial Pharmaceuticals, Inc. and the Purchaser signatory thereto\* (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 10.53 A Form of Registration Rights Agreement, dated October 19, 2023, by and between Adial Pharmaceuticals, Inc. and the Purchaser signatory thereto (Incorporated by reference to Exhibit 10.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on October 24, 2023) 10.54+ A Amendment No. 5 to the Adial Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Exhibit 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on November 6, 2023) 10.55 A Statement of Work #2, dated January 17, 2024, to Master Services Agreement between Adial Pharmaceuticals, Inc. and The Keswick Group, LLC, dated March 15, 2023 (Incorporated by reference to Exhibit 10.2 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on January 18, 2024) 10.56 A Form of Warrant Inducement Agreement dated March 1, 2024 by and between Adial Pharmaceuticals, Inc. and Holder. (Incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on March 6, 2024) 10.57+ A Separation Agreement between Adial Pharmaceuticals, Inc. and Dr. Bankole Johnson, dated April 22, 2024 (Incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on April 26, 2024) 10.58+ A Separation Agreement between Adial Pharmaceuticals, Inc. and Joseph Truluck, dated November 1, 2024 (Incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on November 5, 2024) 10.59+ A Employment Agreement between Adial Pharmaceuticals, Inc. and Vinay Shah, dated November 1, 2024 (Incorporated by reference to Exhibit A 10.2 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on November 5, 2024) 10.60+ A Amendment No. 6 to the Adial Pharmaceuticals, Inc. 2017 Equity Incentive Plan (Incorporated by reference to Exhibit A 10.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on November 12, 2024) 10.61+ A Amended and Restated Employment Agreement between Adial Pharmaceuticals, Inc. and Cary J. Claiborne, effective as of December 5, 2024 (Incorporated by reference to Exhibit A 10.1 to the Company's Current Report on Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on December 6, 2024) 10.62 A Purchase Agreement, dated as of December 13, 2024, by and between Adial Pharmaceuticals, Inc. and Alumni Capital LP (Incorporated by reference to Exhibit A 10.1 to the Company's Form 8-K, File No. 001-38323, filed with the Securities and Exchange Commission on December 18, 2024) 21.1 A List of Subsidiaries of Adial Pharmaceuticals, Inc. (Incorporated by reference to Exhibit A 21.1 to the Company's Annual Report on Form 10-K (File No. 001-38323), filed with the Securities and Exchange Commission on April 1, 2024) 23.1# A Consent of Marcum LLP 23.2# A Consent of Blank Rome LLP (See Exhibit A 5.1 above) 24.1# A Power of Attorney (included on signature page hereto) 107\* A Filing Fee Table A #Filed herewith +Management contract or compensatory plan or arrangement required to be identified pursuant to Item 15(a)(3) of this report. \*Certain portions of this Exhibit have been redacted pursuant to Item 601(b)(10) of Regulation S-K. The redacted information has been marked by brackets as [\*\*\*]. The Company agrees to furnish supplementally an unredacted copy of this Exhibit to the SEC upon request. A II-9 A A Item A 17. Undertakings. A The undersigned registrant hereby undertakes: A (1)To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement: A (i)To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act"); A (ii)To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and A (iii)To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement. A provided, however, that paragraphs (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") that are incorporated by reference in the registration statement; A (2)That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. A (3)To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering. A (4)That, for the purpose of determining liability under the Securities Act to any purchaser: A (i)Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration

statement; and (ii)Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date. II-10 (5)That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser: (i)Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424; (ii)Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant; (iii)The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and (iv)Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser. (6)That, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. (7)Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue. (8)The undersigned registrant hereby undertakes that: (i)For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective. (ii)For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of these securities at that time shall be deemed to be the initial bona fide offering. II-11 Signatures Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant has duly caused this Registration Statement on Form S-1 to be signed on its behalf by the undersigned, thereunto duly authorized in the City of Glen Allen, State of Virginia, on the 20th day of December, 2024. ADIAL PHARMACEUTICALS, INC. By: /s/ Cary Claiborne Name: Cary Claiborne Title: President and Chief Executive Officer KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Cary J. Claiborne and Vinay Shah, and each and either of them, his true and lawful agent, proxy and attorney-in-fact, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to (i) act on, sign and file with the Securities and Exchange Commission any and all amendments (including post-effective amendments) to this registration statement together with all schedules and exhibits thereto and any subsequent registration statement filed pursuant to Rule 462(b) under the Securities Act, together with all schedules and exhibits thereto, (ii) act on, sign and file such certificates, instruments, agreements and other documents as may be necessary or appropriate in connection therewith, (iii) act on and file any supplement to any prospectus included in this registration statement or any such amendment or any subsequent registration statement filed pursuant to Rule 462(b) under the Securities Act and (iv) take any and all actions which may be necessary or appropriate to be done, as fully for all intents and purposes as he might or could do in person, hereby approving, ratifying and confirming all that such agent, proxy and attorney-in-fact or any of his substitutes may lawfully do or cause to be done by virtue thereof. Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the dates indicated. Signature Title Date /s/ Cary Claiborne Chief Executive Officer and President December 20, 2024 Cary Claiborne (Principal Executive Officer) /s/ Vinay Shah Chief Financial Officer December 20, 2024 Vinay Shah (Principal Financial and Accounting Officer) /s/ J. Kermit Anderson Member of the Board of Directors December 20, 2024 J. Kermit Anderson /s/ Robertson H. Gilliland Member of the Board of Directors December 20, 2024 Robertson H. Gilliland /s/ Tony Goodman Member of the Board of Directors December 20, 2024 Tony Goodman /s/ James W. Newman, Jr. Member of the Board of Directors December 20, 2024 James W. Newman, Jr. /s/ Kevin Schuyler Member of the Board of Directors December 20, 2024 Kevin Schuyler, CFA II-12 EX-5.1 2 ea022518501ex5-1\_adial.htm OPINION OF BLANK ROME LLP Exhibit 5.1 A 1271 Avenue of the Americas | New York, NY 10020 blankrome.com December 20, 2024 Adial Pharmaceuticals, Inc. 4870 Sadler Road, Ste 300 Glen Allen, VA 23060 Re:Adial Pharmaceuticals, Inc. Registration Statement on Form S-1 Dear Ladies and Gentlemen: We have acted as U.S. securities counsel to Adial Pharmaceuticals, Inc., a Delaware

corporation (the "Company"), in connection with the preparation and filing with the Securities and Exchange Commission (the "Commission") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), of a Registration Statement on Form S-1 (the "Registration Statement") filed on the date hereof relating to the registration by the Company of an aggregate of 5,000,000 shares of the Company's common stock, par value \$0.001 per share (the "Common Stock"), consisting of (i) 68,807 shares of Common Stock issued to Alumni Capital LP (the "Selling Stockholder") as commitment shares (the "Commitment Shares") upon execution of that certain common stock purchase agreement, dated December 13, 2024, by and between the Company and the Selling Stockholder (the "Purchase Agreement") and (ii) up to an additional 4,931,193 shares of Common Stock (the "ELOC Shares") that the Company may issue and sell to the Selling Stockholder under the Purchase Agreement from time-to-time following Commencement (as defined in the Purchase Agreement). This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act. In rendering the opinion set forth herein, we have examined originals or copies, certified or otherwise identified to our satisfaction, of (i) the Registration Statement; (ii) the Purchase Agreement; (iii) resolutions adopted by the Board of Directors of the Company (the "Board"); (iv) the certificate of incorporation of the Company, including any amendments thereto (as amended, the "Certificate of Incorporation"); (v) the amended and restated bylaws of the Company (the "Bylaws"); and (vi) such other corporate records, agreements, certificates, including, but not limited to, certificates or comparable documents of public officials and of officers and representatives of the Company, statutes and other instruments and documents as we considered relevant and necessary as a basis for the opinions hereinafter expressed. In rendering this opinion, we have assumed, without inquiry, (i) the authenticity of all documents submitted to us as originals; (ii) the conformity to the original documents of all documents submitted to us as facsimile, electronic, certified or photostatic copies, and the authenticity of the originals of such copies; (iii) the legal capacity of all natural persons and the genuineness of all signatures on the Registration Statement and all documents submitted to us; and (iv) that the books and records of the Company are maintained in accordance with proper corporate procedures. Adial Pharmaceuticals, Inc. December 20, 2024 Page 2 In making our examination of executed documents or documents to be executed, we have assumed that (i) the appropriate number of shares of Common Stock will be reserved for issuance of the ELOC Shares pursuant to the Purchase Agreement and such ELOC Shares will be issued for not less than the par value of the Common Stock; and (ii) at the time of the issuance of the ELOC Shares, the Company validly exists and is duly qualified and in good standing under the laws of the State of Delaware, its jurisdiction of incorporation, and has the necessary corporate power for such issuance and that the Certificate of Incorporation and then-operative Bylaws of the Company are in full force and effect and have not been amended, restated, supplemented or otherwise altered, and there has been no authorization of any such amendment, restatement, supplement or other alteration, in either case since the date hereof. As to any facts material to the opinions expressed herein that we have not independently established or verified, we have relied upon, and assumed the accuracy of, statements and representations of officers and other representatives of the Company and others. Based on the foregoing, we are of the opinion that: 1. The Commitment Shares are duly and validly issued, fully paid and non-assessable. 2. The ELOC Shares issuable pursuant to the Purchase Agreement, when sold, paid for and issued pursuant to the Purchase Agreement and upon receipt of payment of the purchase price thereof in accordance with the terms of the Purchase Agreement, and in the manner contemplated by the Registration Statement, will be duly and validly issued, fully paid and non-assessable. We are opining solely on all applicable statutory provisions of Delaware corporate law, including the rules and regulations underlying those provisions, all applicable provisions of the Delaware Constitution and all applicable judicial and regulatory determinations. This opinion is limited to the laws of the State of Delaware as in effect on the date hereof and we express no opinion with respect to the laws of any other jurisdiction. We hereby consent to the filing of this opinion as an Exhibit to the Registration Statement. We also hereby consent to the use of our name as your counsel under "Legal Matters" in the Prospectus constituting part of the Registration Statement. In giving this consent, we do not thereby concede that we come within the categories of persons whose consent is required by the Securities Act or the General Rules and Regulations promulgated thereunder. Very truly yours, /s/ BLANK ROME LLP EX-23.1 ea022518501ex23-1\_adial.htm CONSENT OF MARCUM LLP Exhibit 23.1 Independent Registered Public Accounting Firm's Consent We consent to the incorporation by reference in this Registration Statement of Adial Pharmaceuticals, Inc. on Form S-1 of our report dated April 1, 2024, which includes an explanatory paragraph as to the Company's ability to continue as a going concern, with respect to our audits of the consolidated financial statements of Adial Pharmaceuticals, Inc. as of December 31, 2023 and 2022 and for the years ended December 31, 2023 and 2022 appearing in the Annual Report on Form 10-K of Adial Pharmaceuticals, Inc. for the year ended December 31, 2023. We also consent to the reference to our firm under the heading "Experts" in the Prospectus, which is part of this Registration Statement. /s/ Marcum llp Marcum llp Marlton, New Jersey December 20, 2024 EX-FILING FEES ea022518501ex-fee\_adial.htm FILING FEE TABLE Exhibit 107 Calculation of Filing Fee Table Form S-1 (Form Type) Adial Pharmaceuticals, Inc. (Exact Name of Registrant as Specified in its Charter) Table 1: Newly Registered Securities Security Type Security Class Title Fee Calculation Rule Amount Registered Proposed Maximum Offering Price Maximum Aggregate Offering Price Fee Rate Amount of Registration Fee \$0.001 per share \$457(c) \$5,000,000 \$1.10 \$5,500,000.00 \$0.0001531 \$842.05 Total Offering Amounts \$842.05 Fees Previously Paid \$842.05 Total Fee Offsets \$842.05 Net Fee Due \$842.05 (1)Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(c) under the Securities Act of 1933, as amended (the "Securities Act"), based on the average of the high and low sales prices of Adial Pharmaceutical, Inc.'s (the "Registrant") common stock, par value \$0.001 per share, as reported on the Nasdaq Capital Market on December 17, 2024. (2)Pursuant to Rule 416 under the Securities Act, also includes an indeterminable number of shares of common stock that may become issuable by reason of stock splits, stock dividends, and similar transactions. (3)Represents shares of common stock that may be issued pursuant to that certain purchase agreement dated as of December 13, 2024, entered into by the Registrant and Alumni Capital LP. GRAPHIC 5 image\_001.jpg GRAPHIC begin 644 image\_001.jpg M\_JC\_X 02D9)1@ ! 0\$ 8 !@ #\_VP!# @&\_!@<&!0@!P<"0@\*#!10-# L+M#!D2\$P'4'1H?AT:'!P@)"XG" (L(QP<#7J#A(6&AXB)B!3E)66EYB9FJ\*CI\*6FIZBJK\*SM+6VM[BYNL+Q,7& MQ\CRM+3U-76U]C9VN'BX^3EYN? HZ>KQ\O/T?;W^/GZ\_0 'P\$ P\$! 0\$! M 0\$! 0 \$" P0%!@<("0H+\_0 M1\$ @ \$"! 0#! <%! 0 0)W \$" M Q\$!2\$Q!A)40-@<1 B H\$(%\$\*1H\_!!? S4Q 58C+1"8D\_ \$F11<8&1HE M)B@!C4V-S@Y D\_

\$149'2\$E\*4U155E=865IC9&5F9VAI:G-T=79W>'EZ@H.\$  
MA8:'B(F\*DI.4E9:7F)F:HJ.DI::GJ\*FJLK.TM::WN+FZPL/\$Q<;'R,G\*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ\_JH # ,!  
(1 Q\$ /P#W^DHS2\$U+ M:L 9IK.J@G/3G%%R5[G:7/BNPMI3'B5V'4;5JMHK9X\U!S3GT\*\*X7S]O%?'(5C@C:YHXXV-  
\T&FON\*]G&VITCZ[:6]\\_MD7>^WMB%/"SL./SK2T^\*?2F\$.SV M#\QR#DQ^QJJ[:5>4I\*  
3)PL;]+4\$1D.0^",\\$/=Q4U=Z=S,6D-+32>; J MW][%I]HUQ-G8OH,FLRT[46-W=) BR\*SG )&!5#QG=  
[8H;53]XEV^@KG9K>73 M6L[@\EP)5/I[5XF(QM2%;EALMSIA2BXW9Z:O>G57M9QDVCMCYG MF>1&  
(\^,9Q0N:YG)4U!"\*.+3XCZ,\_BK\_A'@EQ M]J\TP[BGR[OK6O>Z];&6Z22SD<6\8D.PC+ G Q[UXM: \EM/\_7^U>[SZ7;W,  
MTLC@YE54;GL.1646VCLKT84G'S1#:U#=ZD;\*.]JWD+-OQ\N#V^M%.T\_1;73 MI3) K!B",EL\9SBBM-3EERWT-  
,GBN.\2:]Y\_P!CM)=@3[[KUSZ"NFU"YCMK M1FDF\$.1@.1T-<7\_9.G,Q9M80DDDKWKR2#L:T8K=D47B/4HQ@R+\*OI  
M(N:L?V[97 "WNE1MZM'@4T:1I9ZZPG\_.\*D&C:5C\_D+K^E>3&?NCH?(\*(\_ # M=V1MDEM/8\4^/P^  
\_FZ=JB;^Q!P13?[%T4\_>U8\13UT,15/RZL1\_NMBMHP M\_FBOD[\$-Z;LTXSK\$:"^\*M(KV+NR\$9\_!):T-  
/MXD4^1YD%^/@M63):PL! M%X@;Z-C%>MAU\_5[G)E@ <4ZDI:!]S"FM2]JJ:AY X).E9 M7A6V-UJ[7+  
\_NP6\_ \$UV5];K=6,T#[Z\$5XM"E[6E.;ZG3.7+)+L9'A.[\2O M)]^:MOX5T':N\$!\*W!M=7>V?@2 J0?[PKNJ[<#4YF4?  
QI'Q7"\_%C5;G6?&46B0D^3;E46,=> M5NY^E=CI/P=T\*\*P3^T6GN;I@[\;T'M78Y2=[\7&A1ITU.JW=F\_HGQ\$V:  
M\_)GM;O9T\_\Z%70^\*?A:6.G2:EH,LT-U:C MS50MN! ZX]#7+\_")R\_Q"CJW#1-  
/D\A2>GTK9LKV'4+\*&{MV+0S(&0D8R#7CGQS+[2?^N;UZ5X![\*;GG9A\_R7-  
:1EJT<,Z"5\*,UNQNN^.=!.\2>3J%\HG\_YXH-S?E7-GXT^& MMQ'EW9  
\_Z9UY;X6T9O'WC&Z^TW)1+&3SL#EBN^6.= \_NQS#:3["NL'(\_PKP'XE> [/PM M%;:CI;2I!)]L9"V=C=F!  
[5ZMV/M7DUOP=874S[I@FR0GJ2..:J,G>TC\*OAX\* M"JTWH>16O\_)?^X@U?1':OG>U\_Y+8? K\_OH@=\*FGU-  
<=]CT#%+16QYQQW MC\*-A'Q&BYR/K64MWH]OS!IDS#O\* MV^>3QM/FKMN5COI.T-C(5#(V\$0L?]D9K0@T34+@  
I:L!ZQ5AO\$=Q'Q;6]O; MK[+DU3GU?4)P1)=R\$\$\_P\5S)48[ML0WNUC1C+E>;N[AB ZX.34HM/#EF,S7  
M!N".W4'JS/[1=0U%@^THG>64\_TK0\$&B:.H7D\_UUT[6NHV7=F4FW MI>ESGDF;F>\*\*@BN4E!\*\*J=N?4^U39KTT  
MUN9"US/C"Z\NPCME.#+/T%)G.<=17>\*+O[3J[\#L2[\\_,:O)1:[FU"/ M-,W\_E:>3I9F8?\*Q.?8=\*Z  
|UQ5MXM^R6T<\$\_=F-J\*!]\_K4O\_":O\_SYK\_W\ MK&ABZ.-DH-!RIRDVS/U=#IGB3S5X!<2#'ZUWD4HEA213D,  
:\UC6!J[Q,8 M!\$R C(.:ZWPS=?M'5CEXSL-98\*M%5I0B]&74B^129XA;C^T?C4WF\_#J! MQG\_9Z5]\$  
8%?.^F8M\_C6=X(QJ+C\Q7T37KTNIMCOL);6(KF,36LT;#(9"! \* MO OA6@C^)TB 8").H^@:O?  
IW"02,>RDGJ!^%C;\_BA,WJLY\_P#J03O"RJ\_A#3%8 J;900>G2O,?CI\_Q^Z3\_US>NU?4)-  
M+^\$PO(3B6.P&T^A(Q2B[3952/-AZ:7\$+V2&"&[7TD6TB&1]35% M?C=H!?!L[X+ 'MH\_P :XCX8>#  
[+Q7=WMUJN^6& C,>[[MR23WKUK\_A6\_A, MIM\_L>#&,>T1-AAU\_ "M[X-D MGP\2>0+AQ7'?  
\$SX?:;X>T^/5=)5H8]X2!:1@]Q78 !O\_D1\_ ^WAZ2O[2S+J\* M"PO[O:YY;?EL/\_ % M7T0.@KYWM?\ DMA\_Z\_VKZ('04Z?  
4RQWV/06BBBMC MSCC?&4!WV\XZ0%<<-6@L04TZS5"  
M#CS91EB?:OE(QPZ59SD)G=1FW&R&6NA7\$J"6Z9;2"WI#S^ JRMYI&EC%G# M]LG' +60<5CSW-Q=-ON)7D.  
<\_,:=:6,].(K9"Q[GLOU-<4\*B3Y:<FK@]YL ML7>JW^H-M>0[3P(X^!]T;+1+>Q@%[J[!%\*PGO]?6E\$ECX?!"  
7= W;^%\*R MP;S7-056OW/V\*S!M[0<.5X.\*NRS) M')%H6E?\J15\_A?'35:^O(-"LQI]B0UP1^]E'5?  
\_KTFG@:)HTFH2C\_29\_N MFNN,VG907J^R[(Q:OJ;4B/J:6;\$/FFZ3\_ 'NPH34RVEW%X2=IF\*I,XK) ML96L/#-W?  
2']\_WDN M" <)DYKAM"MSJ>N[Y0&3F1P>?I78:E9SWFF:-Q2A&8!22.W>JN@Z(VD^:TDB MN[X  
('855:E.K5@FM\$5&2C%]S1&F6/\ SZ0\_]\^C^S+\_GTA\_P"!5L49KO5 M"G \*C'F?UFT^=(K>)-I\*E5  
.:Y[PC=&\* EMFX\$BY /J\*[1N:YF/PU M<6^L"\AG0()-VW"./2N#\$89QJQJ4T;0G>+4CR#Q[%]X?^\*7V[81&TD=RI'\0  
MSS\_6O,O!-EXOLD2:0PW4.3#.G5<]CZB  
MO+Y@YXEM9LV=\_LN>&1V0\_C7H>]W2.R)&O2BIRM)J/C'Q3INB>[QYKJ( MSO\$R1QJP+,Q&.E>??"D\_\$"  
(GJ;>0G/OBNGT'X-W"7T=WKM^LX0AA" F6W'W) MK8(\_#>].\^,9-9EO+=X&\$BK%&I4,>1]YR3949T\*-\*=.+NV<\_\=/\  
C^TK M\_KF\_ZZV\_M9;WX.-#I>3[ &"CJ<#--^(G@.\8S64EI=Q0>0K!A,YS77:/ MIYT\_0[2PE99##\$\W(Z'  
Q32=VS%U\XJC!+=,\A^"VM65C\_J%A4^)/@TMU>2W>B7BV\_F\\$L8)1\H/L1TK"3X0^+/# MY3ZC L?3)E'O/[N9TFD  
M\QGW(.,&B\*DYW8JLZ\*P\_LX.[N>16O\_);#\_U\_-7T..E>70\_#6^C^()0&^A,' MV@S>5M.[!KU  
=JG&US+%U(SY>7HA%%%:\$-\_AKB/\$V\-\3->P)F%\_O@?PG MUKN\*9(BR(4=0RGL>]OTJ>YUA8 MH?L>EQ^1!T,N/G?  
WK7\1Z+?3MYMN\_FPJ(.FWZ5R>R02B(JWFG@)(1SGTQ7S= M>G. @\_9Q7S.R#C/60L43W\$RPQ+OD/\_ ':GE^  
M;0D[7U\*5>%Z^6\*P&=Y)&=R7=CG)ZL:SNZ\*M]M @\_5K/T-'2+!M2U("3)C4[Y6 M/>G:Q>G4M26\*\_4H?+C  
[^\]6YV.B:\*MLA\_TRZ^:1O[JU5\6OVK6(C@E(10/  
M]\*VBFG&DNNY+:=Y="WXEE%O;VNG1GY8TW,!Z]JZ71[8+I5F)\$^=\$R,CI52'0 MA/J> M=8@9>@!  
[UG2Z[J%@M[%=BV>6W\ME=,A2K'!R.QJ[XGTJ35[6T@6,NBW2/\* ^ MTA!UYKJ?ABW71[FVL+;<]PZ&7>Q)<  
(Y)JJ+44>6VI;O;6'5=+M(#%(MV MS+)]A/E0%R\*AAU^67Q/+8-\$HL;\$\_F[F4#]7JKW7AN.VUC2;S3;"/(,GFE3C  
Mjf!]>J0:!K<5E:3FXC,=S]I:#8,\GYEW?0T#2@]M6UAI-0GM\_L0M[.0KL M?.7  
&3SVI\$3SMXFL[%X\$2SN+59#]GE96/" D#4-SX56[76]IH&^>0M#B0C M\_,9'3K27NAZC-  
<3I\$OG+90^2=V,S(M.M)5U.[U=&\$N+\*\*"X\KRW)WD#K56T?6],L3IMO13O(  
MDI"7)==A4MG=CKT/2FVVG26VLW#W'AXW+2W7F+=AEP <<G/%,[%9(W+35)+  
MBWU&1HP#:RNBC^]M&>:R=0UC6EL].N[06@CNVCCVR Y5FSS]\*75/-5+:+2 MY+I;J1I(Y4=0OS#&#GIBK-SI-  
VVCZ;/(@:2VGB>7GH!UHU\$K(6XUNYTZ5H;M M8I)([SNR9 9@V,#VIUI=:Z+JT>ZCMY;Y^\_Y(./&1D]Z;K&D7-  
JJ%RT:#R MY+!H0Q./GW9 IEK?XQM8%TEX\$C0^<\LBD-@)IK\$Q( M+0#9'+GDRDCDC(C6AIM^)])>JZA1!<-\$N.X  
%]=FWMU<.'T)4U S@B^A<\*NW=PQYR3BN[0 M\$\*,G)P,T(4DK(DHHHID!2\$444 -  
QWJ!K2WDF69H4,BGAL:@T[PU#>QR23O\*\$^;:RC!-%>!4IQJNM#IBWR,T M)?#EI=WC75T\DK\$\*\3@  
>E:MI8V]G'MMXEC? ZT45ZF'IQYKV,)V+&\*6BB MNX@.48HHJA"\$4;1110 8%\*1112!"8HQ113 -  
H%&.\*0!CBC%%%,&T48YHH 5I @Q1BBB@2\$V@TX444%"T444 ?\_9 end GRAPHIC 6 image\_002.jpg GRAPHIC begin  
644 image\_002.jpg M\_JC\_X 02D9)1@ ! 0\$ 8 !@ #\_ VP#! @&!@<&@!P<)0@\*#!0-# L+  
M#!D2\$P\4'1H?AT:'!P@)"XG("L(QP<#7J#A(6&AXB)BI\*3E)66EYB9FJ\*CI\*6FIZBIJK\*SM+6VM[BYNL+#Q,7&  
MQ\CRM+3U-76U]C9VN'BX^3EYN?HZ>KQ\O/T?;W^/GZ\_\0 'P\$ P\$! 0\$! M 0\$! 0 \$" P0%!@<("OH+\_0 M1\$ @ \$"! 0#!  
<%! 0 0)W \$" M Q\$!2\$Q!A)!40=A<1,B,H%(\$%\*1H;!"2,S4O 58G+1"A8D-.S\1<8&1HF M)R@I\*C4V-S@Y.D-  
\$149'2\$E\*4U155E=865IC9&5F9VAI:G-T=79W>'EZ@H.\$  
MA8:'B(F\*DI.4E9:7F)F:HJ.DI::GJ\*FJLK.TM::WN+FZPL/\$Q<;'R,G\*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ\_JH # ,!  
(1 Q\$ /P#W^DHS2\$U+ M:L 9IK.J@G/3G%%R5[G:7/BNPMI3'B5V'4;5JMHK9X\U!S3GT\*\*X7S]O%?'(5C@C:YHXXV-  
\T&FON\*]G&VITCZ[:6]\\_MD7>^WMB%/"SL./SK2T^\*?2F\$.SV M#\QR#DQ^QJJ[:5>4I\*  
3)PL;]+4\$1D.0^",\\$/=Q4U=Z=S,6D-+32>; J MW][%I]HUQ-G8OH,FLRT[46-W=) BR\*SG )&!5#QG=  
[8H;53]XEV^@KG9K>73 M6L[@\EP)5/I[5XF(QM2%;EALMSIA2BXW9Z:O>G57M9QDVCMCYG MF>1&  
(\^,9Q0N:YG)4U!"\*.+3XCZ,\_BK\_A'@EQ M]J\TP[BGR[OK6O>Z];&6Z22SD<6\8D.PC+ G Q[UXM: \EM/\_7^U>[SZ7;W,  
MTLC@YE54;GL.1646VCLKT84G'S1#:U#=ZD;\*.]JWD+-OQ\N#V^M%.T\_1;73 MI3) K!B",EL\9SBBM-3EERWT-  
,GBN.\2:]Y\_P!CM)=@3[[KUSZ"NFU"YCMK M1FDF\$.1@.1T-<7\_9.G,Q9M80DDDKWKR2#L:T8K=D47B/4HQ@R+\*OI

M(N:L?V[97 "WNE1MZM'@4T:1I9ZZPG\_?\*D&C:5C\_D+K^E>3&-?NCH?(\*(\_ # M=V1MDEM/8\4^/P^\_FZ=JB;^Q!P13?[%T4\_>U8'\13UT;15/RZL1\_NMBMHP M\_FBOD[\$-Z;LTXSK\$:"^M(KV+NR\$9\_().T-/MXD4^1YD%^/@/M63;):PL! M%X@;Z-C%>MAU\_5[G/]E@<4ZDI:!]S"FM2]JJ:AY X].E9 M7A6V-UJ[7+NP6 \_\$UV5];K=6,T#[Z\$5XM"E[6E.;ZG3.7+]+L9'A.([2O M))^%MOX5T':NS\\*W!M=7>V?@2 J0?[PKNJ[<#4YF4?QI'Q7%"\_C5;G6?&46B0D^3;E46, => M5NY^E=CI/P=T\*\*P3^T6GN;I@["; 'T'M78Y2=[7&A1ITU.JW=F\_HGQ\$V: M\_)]GM;O9T\_\Z%70^\*?A/.6.G2:EH,LT-U:C MS50MN! ZX]#7+\_")R\_Q"CJW#1-/DIA2>GTK9LK'4+\*&{MV+0S(&0D8R#7CGQS&+[2?^N;UZ5X![\*; GG9A\_R-:1EJT<,Z"5\*,UNQNN^.=!=!.2>3J%HG\_YXH-S?E7-GXT^& MMQ'EW9\_Z9UY;X6T9O'WC&Z^TW)1+&3SL#EBN^6.=\_NQS#:[3"NL'(\_PKP'XE> [/PM M%;:CI;2I!))L9"V=C=F![5ZMV/M7DUOP=874S[I@FR0GJ2..:J,G>TC\*OAX\* M"JTWH>160\_);?^X@U?1':OG>U\_Y+8?\ K:\_OH@=\*FGU-<=]CT#%&+16QYQQW MC\*-A'Q&BYR/K64MWH]OS!IDS#O\* MV\*^3QM/FKMN5C0L.T-C(5#(V\$0L?ID9K0@T34+@I:L:ZOQ5AO\$=Q'Q;6]O; MK[+DU3GU?4)P1)=R\$\$\_P\5S)48[MLOWNUC1C+E>;N[AB ZX.34HM/#EF,S7M!N".W4'JS/[1=0U%@^THG>64\_TK0\$&B:.H7D UUT[6NHV7=F4FW MI>ESGDF;F>\*\*@BN4E!\*\*J=N?4^U39KTT MUN9"US/C"Z\NPCME.#\* /T%-=)G.<=17>\*+O[3J[(#)L2[:\_;O)1:[FU"/ M-,W\_E: ^3I9F8?-\*Q.?8=\*Z\UQ5MXM^R6T<\$=F-J!\_ K4O":O SYK\_W\ MK&ABZ.DH\_!RIRDVS/U=#IGB3S5X!<2#'ZUWD4HEA213D, :\|UC6!J[Q,8 M!\$RC(;;ZWPS=?M'C5CEXSL-98\*M%5I0B]&74B^129XA;C^T?C4WF .#J! MQG\_9Z5]\$8%?.^F8M\_C6=X(QJ+C\Q7T37KTNIMCOL);6(KF,36LT;#(9"!\_\* MO OA6@C^)TB 8").H^@:O?IW"02,>RDG\J!^%C;\_BA,WJLY\_P#]JO3O"RJ\_A#3%8 J;900>G2O,?CI\_Q^Z3\_US>NU?4)-M+^\$PO(3B6.P&T^A(Q2B[3952/-AZ:7\$+V2&"&[7TD6TB&1]35% M?C=H!?!L[X+\_ 'MH\_P :XCX8># [+Q7=WMUJN^6& C,>[[MR23WKUK\_A6\_A, MIM\_L>#&=,=]T1-AAU\_ "M[X-D MGP2>0+AQ7'?\$SX?:X>T^/5=)5H8]X2:'.1@]Q78 !O\_D1 ^WAZ2O[2S+j\* M"PO[O:YYY;?EL/\_ %\_M7T0.@KYWM?\ DMA\_Z\_VKZ('04Z?4RQWV/06BBBMC MSCC?&4!WVLXZO%<<-@L04TZS5" M#CS91EB?:OE(QPZ59SD[G=1FW&R&6NA7\$J"6Z9;2"WI#S^ JRMYI&EC%G# M]LG'\_+60<5CSW-Q=-ON)7D.<\_,:=6,].(K9"Q[GLOU-<4\*B3Y:<FK@JYL ML7>JW^H-M>0[3P(X^!]T;+1+>Q@%[J[!%\*PGO]?6E\$ECX?!" 7=W;^%\*R MP;S7-056OW/V\*S!M[0<.5X.\*NRS) M')%H6E?\]I5\_A?'35:^O(-"LQI]B0UP1^]E'5?\_KTFG@:)HTFH2C\_29\_N M\{FNN,VG9O7J^R[(Q:OJ;,4B/J:6,\$%FFZ3\_ 'NPH34RVEW%X2=IF\*I],XK) ML96L/#-W? 2']\_WDN M" <)DYKAM"MSJ>N[Y0&3F1P>?I78:E9SWFF:-Q2A&8!22.W>JN@Z(VD^:TDB MN[X ('855:E.K5@FM\$5&2C%]S1&F6/\ SZ0\_ J]"C^S+'\_GTA\_P"!5L49KO5 M"G\_ \*C'F?UFT^=(K>-)I\*E5 .:Y[PC=&\* EMFX\$BY /J\*[1N:YF/PU M<6^L"\AG0()-V\W"./2N#\$89QJQJ4T;\0G>+4CR#Q[%]X?^\*7V[81&TD=RI'\0MSS\_6O,O!-EXOLD2:0PW4.3#.G5<]CZB MO+Y@YXEM9LV=\_;LN>&1V0\_C7H>]%W2.R)&O2BIRM)J/C'Q3INB>[QYKJ( MSO\$R1QJP+,Q&.E>/?"\$D\_\$" (GJ;>0G/OBNGT'X-W"7T=WKM^LX0AA" F6W'W) MK8(\_#>].^,9-9EO+=X&\$BK%&I!4,>1]YR3949T\*-\*=.+NV<\_=\^C^TK M\_KF\_ZZV\_M9;WX.-#I>3[ &"CJ<#--^(G@.\\8S64EI=Q0>0K!A,YS77:/ MIYT\_0[2PE99#/#(W(Z' Q32=VS%UXJC!+=,\A^"VM65C-J%A4^)@TMU>2W>B7BV\_F\$L8)1\H/L1TK"3X0^+/# MY3ZC L?3)E'O/[N9TFD M\QGW(.,&B\*DYW8JLZ\*P\_LX.[N>16O\_);#\_U\_-7T..E>70\_#6^C^()0&^A,\_ MV@S>5M.[!KU =:JG&US+%U(SY>7HA%&:\$\_AKB/\$V\-\\_3->P)F%\_O@?PG MUKN\*9(BR(4=0RGL>]OT>YUA8 MH?L>EQ^1!T,N/G? WK7\1Z+?3MYMN\_FPJ(.FWZ5R>R02B(JWFG@)(1SGTQ7S= M>G. @\_9Q7S.R#C/60L43W\$RPQ+OD/\_ ':GE^' M;0D[7U\*5>%Z^6\*P&=Y)&=R7=CG)ZL:SNZ\*M]M @\_5K/T-'2+!M2U("3)C4[Y6 M/>G:Q>G4M26\*\_4H?+C [^]6YV.B:\*MLA\_TRZ^:1O[JU5\60VK6(C@E(1O/ M]\*VBFG&DNNY+:=Y="WXEE%O;VNG1GY8TW,!ZJJZ71[8+I5F)\$^==\$R,CI52'0 MA/J> M=8@9>@![UG2Z[J%@M[%=BV>6W\ME\_=A2K!R.QJ[XGTJ35[6T@6,NBW2/\* ^ MTA!UYJK?ABW71[FVL+;<]PZ&7>Q)<(Y)]J+44>6VI;O;-6'5=+M(#%(MV MS+)A)E0%R\*AAU^67Q/+8-\$HL;\$F[F4#]7JKW7AN.VUC2,S3;"/(,GFE3C MJF!]>J0:!K<5E:3FXC,=S]I:#8,\GYEW?0T#2@)M6UAI-0GM\_L0M[.0KL M?.7 &3SVI\$3SMXFL[%X\$2SN+59#]GE96/\_D#4-SX56[76]IH&^>0M#B0C M.,9'3K27NAZC-) <3I\$OG+90^2=V,S(M.M)5U.[U=&N+\*\*"&X\KRW)WD#K56T?6],L3IMO13O(MDI") ==A4MG=CKT/2FVVG26VLW#W'AXW+2W7F+=AEP <<[G%.[%9(W+35)+ MBWU&1HP#:RNBC^JM&>:R=0UC6ELJ.N[06@CNVCCVR Y5FSS]\*75-/5+:+2 MY+I;J1I(Y4=0OS#&#GIBK-SI-VVCZ;(@:2VGB>7GH!UHU\$K(6XUNYTZ5H;M M8I)([SNR9 9@V,#VIUI=:Z+JT>ZCMY;:Y^\_Y((,/&1D]Z;K&D7- JJ%RT:#R MY+!H0Q./GW9 IEK?XQM8%TEX\$C0^<\LBD-@)IK\$Q( M+0#9'+GDRCDC(C6AIM^)])>JZA1!<-\$N.X %]=FWMU<.'T)4U S@B^A<\*NW=PQYR3BN[0 M\$\*,G)P,T(4DK(DHHHID!2\$444 - QWJ!K2WDF69H4,BGAL:@T[PU#>QR230\*\$^;:RC!-%>!4IQ]NM#IBWR,T M)?#EI=WC75T\DK\$\*\^3@>E:MI8V]G'MMXEC? ZT45ZF'IQYKV,)V+\*&6BB MNX@,48HHJA"\$4;1110 8%\*1112!"8HQ113 - H%&.\*0!CBC%%%,&&T48YHH 5I @Q1BBB@2\$V@TX44%"T444 ? 9 end GRAPHIC 7 ex5-1\_001.jpg GRAPHIC begin 644 ex5-1\_001.jpg M\_JC\_X 02D9)1@ ! 0\$ 8 !@ #\_VP!# @&@!<&!0@!P<)0@\*#!0-#\_L+ M#!D2\$P\4'1H?AT:!'P@)XG("L(QP<#7J#A(6&AXB)BI\*3E)66EYB9FJ\*CI\*6FIZBIJK\*SM+6VM[BYNL+/#Q,7& MQ\C)RM+3U-76U]C9VN'BX^3EYN?HZ>KQ\O/T)?;W^/GZ\_\0 'P\$ P\$! 0\$! M 0\$! 0 \$" P0%!@<("OH+\_0 M1\$ @\$!" 0#! <%! 0 0)W \$" M Q\$!\$12\$Q!A)!40=A<1,B,H\$(%\*1H;!"2,S4O 58G+1"A8D-.E\1<8&1HF M)R@I\*C4V-S@Y.D-\$149'2\$E\*4U155E=865IC9&F9VAI:G-T=79W>'EZ@H.\$ MA8:(B(F^DI.4E9:7F)F:HJ,DI::GJ\*FJLK.TM;:WN+FZPL/\$Q;<'R,G\*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ\_JH # ,!(1 Q\$ /P#T2;Q-XCN? M%FIZ+HUA82BR" L6N)60D, >P]2:M?;/'W\_0\*T8^WVEO\\*PK37-,T+XG>))M3 MO((9)\$C5" +4&99'8D%=<,5SZ3IXX\9Z7J.G(1IFDEF>Y, \_KG MHJCKCBK\BW\_DHGA#\_KI\_2@1WHI:\*\*8"=Z\_U/X@S67BIK..S1)@N([:\_YO, MG\*2-V].\*ZCQ/K\*:!X>O-1;!:),1K\_><\*/SKF-.&F;X;3:=?Q!<2>1KYAB%P;3S\_+!.S.. MGTJ\_X;U.76#?MCJ4:1R7\$0=E0G /MFN:M?^2+K\_-@P\_P JJ:=XOL? #'PJT M82 SWTEJ#:#;IYNO)]!T#.QUW7=/\6#7NH3",<\*HY9V%"M4US5K M>6^U#3XK&T<\$V)),I7L6["L/PGHZ^")B\5:W=Q:A9E.0?I6B;SQS&F?\*TI/#D\_ MY)\_2L[X<:E8VGAN6.YO((7^URG;) (%,.^]=<\_B#1XT+OJ=HJCJ?-%2M5N=U M:)N,::LGV9E>'O%0U>ZN-.O+1[4[F6!SD%?53W%3>(O%-OH/DVZ0R7>H7 M!Q!:Q#/[GT%86A[M=^(-UK)K\$Z:=#; \_ &=)F4J)V[D9[>])X-C&L^\*]=UV? MYWCF^S09YV\*/2I4F[+S'\*C!- S:T23:\WT+BR^+I1,(M)L@PR(7W2,J13!X MNU31+N&W\3Z='!!P1+VV8M%GT;TKM#C-4=9TVWU? 2;FRN%#)\*A7GL<<&M&G M;1G/&K&3M\*\*MY;C-8U V&@WFH0\*DC0PF5,GY6P,C\*\P!/C!\_ \$HN8KNWC@N8 M@"" (3AD/?GWK&T6^ENOA3<\$S%I+..6VW'N!TK-L=V@Z?X6\21C\$+1BUO,?W M23AC\_GL\*AR=U;8ZX8:'.+707LG\K\_B>N\JYQAXD\_X1S3(Y8(4FNYY-D43\$ MX;U/M72\*X90RD%2,@CO7F]XQ)3>+=3O \$/[8E@C2;9(VQ"=ORYQ\_!L;1\_\$/B\_7=-COK+3M,,\$A M(&^9@>/%\ !I\_XM;J8)OZU2">\*M#TKPG;6M]J<%PK,6C<\GBIOJKLZ7 M22Y^2-[2MW-HW7CO&[,\_TG\_P(,\_C[5X\Z!ND\_!#? X5<\_X3OPOC\_D-6H\_X M%4@:>" 1K%M@\_[5/3N<[YU]C\&<]HEO#-;2]>[6&1(?)E6=#U'!0U=\6G\_ (N#X0., M? O'X\_\*K=AX+N+C5X=6\0ZLVIW-N=T\$0CV0QGU"U-XJ:-EJVKZ7J>FWMO;S6 M&\KYZ%P2<=A]\*\_L%+FN/^P^/ H-

Z3\_P" C?XU9T^R\81W\3ZAJFG36HSO MCBMBK-QQ@YXYQ0(YWQD;SQ-XNLO#NF-%\_H\*\_-+AILF,-\_&\_P\UL?9/B!  
MQJ6B?]^\\_JQX5\,SZ+=:G?7]S'RC/I74T>7:\*-2\\$'[J MSVYCUP%MUN" L8E'H#T) K6GKO\_)7/#O\_%[2\_P!:V?  
&/AMO\$FG0Q6\ZV][;S M+-!,P)"D'GI45SX(M(FT^'\\_MR.,HXZQMV8>J0:Y+QIX-B\4V MT3Q2I;W\!Q',02-  
IZJ<=10!1M2#\%U\_![A\_E3/ASX9L+7P ::NT?GWMW",O+ MSY:]B^@K:C\3Q^[\_ ,9F^R&#S<'G'7'6KWAK3)-  
%\V6FRR);Q!&= M 0&/KS0!Q.H6MS.=9;5K"-I/#UVX%W;+SY#'^(>W\_ZO2O0(;NWOM.6ZM95E M@ECW(Z]",5-  
<6\5U;R03HLD4BE71AD\$'M7+^?"M\_P"&KV[M]>^CET68EHK= MP=)H>F\*"H[F!X \.:J@2W% IMO\*!A9IE9& M^I  
SFF+X/U'6+N.Y\3:DMTD3;X[.!2D0;W];;E=62,8T8QES2DK>6YEZ-936 M?PGU.>X4I+>1RW!4C& W3]\*U-"TJ/6OA=:?  
+C\$UJ0#Z-DX/YXKHM7TU]0T. M\T^(I&9X3&A/1-\*ET7P\_9Z=\*Z220)M+J, \T)6=O(TEB.:#:^+FO^!R  
M&F^+6L/A]=&ZXU+3B; H>IDZ+\_GVK5T+1VT3P'+%+ Q\S0233D]=[\*2:KZAX M%"XR35!<(MDTBRSSV#\\  
[J.OIBNNOK@R,4)J55JTTDH= M6F\_\OS..&8\_X5:#\_P!)OZT\_P"5A9W'@RTDFM(9'+\ASQ@G[Q[FM70O#L^  
ME>#QH\L??-)\*UKH< MYQES\LK7=SL3I&FX\_P"/"U\_[]+\_A1\_9FG\_\ /C#\_ -^Q7'3\_1'\_9TW\_P% :/^-  
+\_9\_CG\_H,Z; X"G\_&GIV.?DE\_.OO9\_]D! end