PROSPECTUS SUPPLEMENT

(To Prospectus dated February 29, 2024)

1,681,384 Shares of Common Stock



Veracyte, Inc.

The selling stockholders of Veracyte, Inc. identified in this prospectus supplement (the "Selling Stockholders") may offer and resell up to 1,681,384 shares of our common stock, par value \$0.001 per share, under this prospectus supplement. The Selling Stockholders acquired these shares from us pursuant to an Agreement and Plan of Merger, dated as of January 5, 2024 (the "Merger Agreement"), by and among us, C2i Genomics, Inc., a Delaware corporation ("C2i Genomics"), Canary Merger Sub I, Inc., a Delaware corporation, Veracyte Diagnostics, LLC, a Delaware limited liability company, and Fortis Advisors LLC, as the Securityholders' Agent. We are not selling any shares of our common stock pursuant to this prospectus supplement and we will not receive any proceeds from the sale of these shares by the Selling Stockholders.

The Selling Stockholders (which term as used herein includes their respective transferees, pledgees, distributees, donees or other successors) identified in this prospectus supplement may offer the shares of our common stock from time to time through public or private transactions. The shares of our common stock offered by the Selling Stockholders may be sold at market prices prevailing at the time of sale, at prices related to such market prices, at a fixed price or prices subject to change, or at negotiated prices. See the section titled "Plan of Distribution."

Our common stock is listed on The Nasdaq Global Market under the symbol "VCYT." On February 28, 2024, the last reported sale price of our shares of common stock on The Nasdaq Global Market was \$23.77 per share.

Investing in our common stock involves a high degree of risk. See "Risk Factors" beginning on page S-3 of this prospectus supplement.

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

The date of this prospectus supplement is February 29, 2024.

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ABOUT THIS PROSPECTUS SUPPLEMENT

On February 29, 2024, we filed with the Securities and Exchange Commission (the "SEC"), a registration statement on Form S-3 (File No. 333-277529) utilizing a shelf registration process relating to the securities described in this prospectus supplement, which registration statement became automatically effective upon filing.

This document contains two parts. The first part is this prospectus supplement, which describes the specific terms of this offering and also adds and updates information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. The second part is the accompanying prospectus, which provides more general information, some of which may not apply to this offering. If the information contained in this prospectus supplement differs or varies from the information contained in the accompanying prospectus, you should rely on the information set forth in this prospectus supplement.

Neither we nor the Selling Stockholders have authorized anyone else to provide you with information that is in addition to or different from that contained or incorporated by reference in this prospectus supplement and the accompanying prospectus, along with the information contained in any permitted free writing prospectuses we have authorized for use in connection with this offering.

Neither we nor the Selling Stockholders are offering to sell these securities in any jurisdiction where such offer and sale is not permitted. The distribution of this prospectus supplement and the offering of the common stock in certain jurisdictions may be restricted by law. Persons outside the United States who come into possession of this prospectus supplement must inform themselves about, and observe any restrictions relating to, the offering of the common stock and the distribution of this prospectus supplement outside the United States. This prospectus supplement does not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

The information contained in this prospectus supplement and the accompanying prospectus is accurate only as of the date of this prospectus supplement or the date of the accompanying prospectus, and the information in the documents incorporated by reference in this prospectus supplement and the accompanying prospectus is accurate only as of the date of those respective documents, regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or of any sale of our common stock. Our business, financial condition, results of operations and prospects may have changed since those dates. It is important for you to read and consider all information contained or incorporated by reference in this prospectus supplement and the accompanying prospectus, as well as the documents incorporated by reference into this prospectus supplement and the accompanying prospectus, as well as the documents incorporated by reference into this prospectus supplement and the accompanying prospectus and the additional information described under "Where You Can Find More Information" in this prospectus supplement and in the accompanying prospectus, before investing in our common stock.

Unless otherwise indicated or the context otherwise requires, references in this prospectus supplement and the accompanying prospectus to "Veracyte," the "company," "we," "us" and "our" refer to Veracyte, Inc.

Veracyte, Afirma, Percepta, Envisia, Prosigna, Lymphmark, Decipher, GRID, HalioDx, TMExplore, Brightplex, Immunosign, C2i Genomics, C2intelligence, C2inform and the Veracyte logo are registered or pending trademarks of Veracyte, Inc. and its subsidiaries in the U.S. and selected countries. nCounter is the registered trademark of NanoString Technologies, Inc., or NanoString, in the U.S. and selected countries and used by Veracyte under license. Immunoscore is the registered trademark of Institut National de la Santé et de la Recherche Médicale, or Inserm, in the U.S. and selected countries and used by Veracyte under license. This prospectus supplement, the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus may also contain trademarks and trade names that are the property of their respective owners. We do not intend our use or display of other companies' trade names, trademarks or service marks to imply relationships with, or endorsements or sponsorship of us by, these other companies.

PROSPECTUS SUPPLEMENT SUMMARY

This summary does not contain all of the information that you should consider before investing in our common stock. You should carefully read this entire prospectus supplement and the information incorporated by reference in this prospectus supplement, including "Risk Factors" and the financial data and related notes and other information incorporated by reference, before making an investment decision.

Company Overview

We are a global diagnostics company that empowers clinicians with the high-value insights they need to guide and assure patients at pivotal moments in the race to diagnose and treat cancer. Our high-performing tests enable clinicians to make more confident diagnostic, prognostic and treatment decisions, helping patients avoid unnecessary procedures and interventions, and speed time to appropriate treatment, thereby improving outcomes for patients all over the world.

The Offering

This prospectus supplement relates to the resale of 1,681,384 shares of our common stock held by the Selling Stockholders identified under the section titled "Selling Stockholders." The shares of our common stock that may be offered by the Selling Stockholders using this prospectus supplement represent shares of our common stock that we issued to the Selling Stockholders in connection with our entry into the Merger Agreement. We will not receive any of the proceeds from the sale of these shares of our common stock by the Selling Stockholders.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making a decision to invest in our common stock, in addition to the other information contained in this prospectus supplement, in the accompanying prospectus, or incorporated into this prospectus supplement or the accompanying prospectus by reference, you should carefully consider the risks, uncertainties and assumptions discussed under Part I, Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which is incorporated herein by reference, and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future and which are incorporated herein by reference, together with other information in this prospectus supplement, the documents incorporated by reference, and any free writing prospectus that we may authorize for use in connection with a specific offering. See the section titled "Where You Can Find Additional Information" and "Incorporation of Information by Reference."

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents we have filed with the SEC that are incorporated by reference in this prospectus supplement and the accompanying prospectus contain forward-looking statements, which are subject to safe harbor protection under of the Private Securities Litigation Reform Act of 1995. All statements contained in or incorporated by reference in this prospectus supplement and accompanying prospectus other than statements of historical fact, including statements regarding our future financial condition and operating results, business strategy and plans, and objectives for future operations, are forward-looking statements. The words "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "seek," "plan," and similar expressions are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations, beliefs, and projections about future events, conditions, and trends that we believe may affect our financial condition, operating results, business strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties, assumptions, and changes in circumstances that are difficult to predict and many of which are outside of our control, including those arising from the impact of recent macroeconomic events and inflation, as well as those described in the "Risk Factors" section incorporated by reference herein, which we encourage you to read carefully. 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.

In light of these risks, uncertainties, assumptions, and potential changes in circumstances, the future events, conditions, and trends discussed in this prospectus supplement and accompanying prospectus may not occur and actual results could differ materially and adversely from those anticipated or implied by the forward-looking statements. Accordingly, you should not rely upon any forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activities, performance, or achievements. We are under no duty to update any of these forward-looking statements after the date of this report or to conform these statements to actual results or revised expectations, except as required by applicable law. If we do update any forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements. You are advised to review any additional disclosures we make in the documents we subsequently file with the SEC that are incorporated by reference in this prospectus supplement and accompanying prospectus. See "Where You Can Find Additional Information" and "Incorporation of Information by Reference."

This prospectus supplement, the accompanying prospectus, and the documents that we reference in this prospectus supplement and the accompanying prospectus also contain statistical data and estimates that we obtained from industry publications and reports. These publications typically indicate that they have obtained their information from sources they believe to be reliable, but do not guarantee the accuracy and completeness of their information. You are cautioned not to give undue weight to those data and estimates. Projections, assumptions and estimates of future performance are necessarily subject to risks and uncertainties that could cause actual results to differ materially.

USE OF PROCEEDS

All of the shares of common stock being offered hereby are being sold by the Selling Stockholders identified in this prospectus supplement. We will not receive any proceeds from the sale of shares of common stock by the Selling Stockholders.

SELLING STOCKHOLDERS

This prospectus supplement relates to the resale of up to 1,681,384 shares of our common stock held by the Selling Stockholders listed in the table below. The shares being offered were issued to the Selling Stockholders pursuant to exemptions from registration provided under Section 4(a)(2) of the Securities Act of 1933, as amended (the "Securities Act"), Rule 506 of Regulation D promulgated by the SEC under the Securities Act, or Regulation S promulgated under the Securities Act, in connection with our entry into the Merger Agreement. The Selling Stockholders may, from time to time, offer and sell pursuant to this prospectus supplement any or all of the shares of common stock being registered. When we refer to the "selling stockholders" in this prospectus supplement and accompanying prospectus, we mean the selling stockholders listed in the table below, together with their respective transferees, pledgees, distributees, donees or other successors. Pursuant to the Merger Agreement, we agreed to file a prospectus supplement with the SEC for the purposes of registering for resale the shares of our common stock issued to the Selling Stockholders.

The table below sets forth certain information known to us, based upon written representations from the Selling Stockholders, with respect to the beneficial ownership of our shares of common stock held by the Selling Stockholders as of February 16, 2024, the latest practicable date after the date on which our acquisition of C2i Genomics was completed. Because the Selling Stockholders may sell, transfer or otherwise dispose of all, some or none of the shares of our common stock covered by this prospectus supplement, we cannot determine the number of such shares that will be sold, transferred or otherwise disposed of by the Selling Stockholders, or the amount or percentage of shares of our common stock that will be held by the Selling Stockholders upon termination of any particular offering. See the section titled "Plan of Distribution." For purposes of the table below, we assume that the Selling Stockholders will sell all their shares of common stock covered by this prospectus supplement.

We have determined beneficial ownership in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Except as indicated by the footnotes below, we believe, based on the information furnished to us, that the Selling Stockholders have sole voting and investment power with respect to all shares of common stock that it beneficially owns, subject to applicable community property laws. Unless otherwise described below, to our knowledge, the Selling Stockholders have not held any position or office or had any other material relationship with us or our affiliates during the three years prior to the date of this prospectus supplement. In addition, except as otherwise described below, based on the information provided to us by the Selling Stockholders, the Selling Stockholders are not broker-dealers or affiliates of broker-dealers.

Applicable percentage ownership is based on 73,264,738 shares of common stock outstanding as of December 31, 2023. Such percentages include outstanding options exercisable as of December 31, 2023, and outstanding options that will vest or become exercisable within 60 days of December 31, 2023, in each case held by the Selling Stockholders as of such date. The Selling Stockholders do not hold other convertible securities that are currently exercisable or releasable or that will become exercisable or releasable within 60 days of December 31, 2023. Unless otherwise indicated, the address of each beneficial owner listed in the table below is c/o Veracyte, Inc., 6000 Shoreline Court, Suite 300, South San Francisco, California.

	Shares Beneficial Owned Bet this Offeri	Number of Shares Offered		Shares Beneficially Owned After this Offering	
Name of Selling Stockholder	Shares			Shares(1)	%
Ag Investors L.L.C. ⁽²⁾	17,329		,	_	_
Alex Parker	4,299			_	_
Alexandria Venture Investments, LLC ⁽³⁾	25,994	*	25,994	_	—
Anthony Evnin	9,497	*	9,497	_	—
Asaf Zviran	188,607	*	188,607	_	_
Dan Landau	55,472	*	55,472	_	_
Driehaus Life Sciences Master Fund, L.P. ⁽⁴⁾	59,465	*	59,465	_	_
Ezra Sofer	78,586	*	78,586	_	
IBI Trust Management (F/B/O Boris Oklander) ⁽⁵⁾	88,779	*	47,151	41,628	*
IBI Trust Management (F/B/O LionBird II L.P.)(6)	32,378	*	32,378	_	_
IBI Trust Management (F/B/O NFX Capital Fund II, LP)(7)	132,434	*	132,434	_	
IBI Trust Management (F/B/O NFX C2-B Advantage, LP)(8)	308,121	*	308,121	_	_
MTC FBO Gordon Discovery Fund LLC ⁽⁹⁾	25,537	*	25,537	_	—
Entities affiliates with iGlobe Partners ⁽¹⁰⁾	207,955	*	207,955	_	_
Levy Gerzberg	6,898	*	6,898	_	—
Lorraine Marchand	215	*	215	_	_
Mark Oldroyd	1,242	*	1,242	_	
Matija Snuderl	462	*	462	_	_
Multiple Holdings, LLC(11)	14,545	*	14,454	_	
Section 32 Fund 3, LP ⁽¹²⁾	118,931	*	118,931	_	_
The Mark Foundation for Cancer Research (U.S.) Ltd.(13)	86,322	*	86,322	_	_
THSDFS LLC Series 22 ⁽¹⁴⁾	259,944	*	259,944		
Total shares of common stock	1,723,012	2.35%	1,681,384	41,628	*

- * Less than 1%.
- (1) Assumes the Selling Stockholders dispose of all of the shares of common stock covered by this prospectus supplement and do not acquire beneficial ownership of any additional shares. The registration of these shares does not necessarily mean that the Selling Stockholders will sell all or any portion of the shares covered by this prospectus supplement.
- (2) The address for this entity is 55 Hudson Yards, 40th Floor, New York, NY 10001.
- (3) The address for this entity is 26 North Euclid Avenue, Pasadena, California 91101.
- (4) Driehaus Capital Management (USVI) LLC is the general partner of Driehaus Life Sciences Master Fund, L.P. By virtue of such relationship, Driehaus Capital Management (USVI) LLC may be deemed to have beneficial ownership over such shares. Driehaus Capital Management LLC is the investment advisor to Driehaus Life Sciences Master Fund, L.P. Driehaus Capital Management LLC exercises voting and

- investment power through portfolio managers comprised of Michael Caldwell and Alex Munns, each of whom disclaims beneficial ownership of the shares held by Driehaus Life Sciences Master Fund, L.P. The address for Driehaus Life Sciences Master Fund, L.P. is c/o Driehaus Capital Management LLC, 25 East Erie Street, Chicago, IL 60611.
- (5) Consists of (i) 47,151 shares of common stock and (ii) 41,628 options to purchase common stock that are exercisable within 60 days of December 31, 2023. IBI Trust Management holds the shares of common stock described in the foregoing clause (i) in trust for the benefit of Boris Oklander and disclaims beneficial ownership of these shares.
- (6) IBI Trust Management holds these shares of common stock in trust for the benefit of LionBird II L.P. and disclaims beneficial ownership of these shares. The business address for LionBird II L.P. is 25 Habarzel Street, Tel Aviv 69710 Israel.
- (7) IBI Trust Management holds these shares of common stock in trust for the benefit of NFX Capital Fund II, LP and disclaims beneficial ownership of these shares. The business address for NFX Capital Fund II, LP is 34 Page Street, San Francisco, CA 94102.
- (8) IBI Trust Management holds these shares of common stock in trust for the benefit of NFX C2-B Advantage, LP and disclaims beneficial ownership of these shares. The business address for NFX C2-B Advantage, LP is 34 Page Street, San Francisco, CA 94102.
- (9) Consists of (i) 3,009 shares of common stock held by MTC FBO Gordon Discovery Fund LLC Series A and (ii) 22,528 shares of common stock held by MTC FBO Gordon Discovery Fund LLC Series C. MTC holds these shares of common stock in trust for the benefit of Gordon Discovery Fund LLC Series A and Gordon Discovery Fund Series C, respectively, and disclaims beneficial ownership of these shares. The business address for each of the aforementioned entities is c/o Gordon Asset Management LLC, 3800 N Lamar, Suite 200, Austin, Texas 78756.
- (10) Consists of (i) 173,296 shares of common stock held by iGlobe Platinum Fund III Limited and (ii) 34,659 shares of common stock held by iGlobe Treasury Management Pte. Ltd. iGlobe Partners (II) Pte Ltd is the fund manager for iGlobe Platinum Fund III Limited and iGlobe Treasury Management Pte. Ltd. The partners of iGlobe Partners (II) Pte Ltd are Yoke Sin Chong, Soo Boon Koh and Kah Joo Ng and each may be deemed to have voting power over the shares held by iGlobe Platinum Fund III Limited and iGlobe Treasury Management Pte. Ltd. Dispositive power over the shares is controlled by the Divestiture Committee of iGlobe Partners (II) Pte Ltd. Each of Yoke Sin Chong, Soo Boon Koh and Kah Joo Ng disclaims beneficial ownership of these securities except to the extent of her or his respective pecuniary interest therein. The address for each of these entities is 11 Biopolis Way, #09-03 Helios, Singapore 138667.
- (11) Nat Turner is a partner in Multiple Holdings, LLC and may be deemed to share voting power and dispositive power over the shares held by Multiple Holdings, LLC. The address of Multiple Holdings, LLC is 180 Varick Street, Suite 1220 New York, NY 10014.
- (12) The general partner of Section 32 Fund 3, LP is Section 32 GP 3, LLC, which has sole voting and investment control with respect to holdings of Section 32 Fund 3, LP. The sole Managing Member of Section 32 GP 3, LLC is William J. Maris. Mr. Maris has sole voting and investment control with respect to Section 32 GP 3, LLC. Each of Section 32 Fund 3, LP, Section 32 GP 3, LLC and Mr. Maris disclaims beneficial ownership of the shares, except, in each case, to the extent of such person's pecuniary interest therein. The address of Section 32 Fund 3, LP is 169 University Ave. Palo Alto, CA 94301.
- (13) The address for this entity is 1350 Avenue of the Americas, Suite 2902.
- (14) The address for this entity is 40 West 57th Street, 25th Floor, New York, NY 10019.

PLAN OF DISTRIBUTION

The Selling Stockholders, which as used herein includes any donees, pledgees, transferees or other successors in interest selling shares received after the date of this prospectus supplement from the Selling Stockholders as a gift, pledge, partnership distribution or other transfer, may, from time to time, sell, transfer, or otherwise dispose of any or all of their shares on any stock exchange, market or trading facility on which the shares are traded or in private transactions. The Selling Stockholders will act independently of us in making decisions with respect to the timing, manner, and size of any such sale, transfer or other disposition. These dispositions may be at market prices prevailing at the time of sale, at prices related to such market prices, at a fixed price or prices subject to change, or at negotiated prices.

The Selling Stockholders may use any one or more of the following methods when disposing of shares or interests therein:

- on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale;
- in the over-the-counter market;
- in transactions otherwise than on these exchanges or systems or in the over-the-counter market;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- broker-dealers may agree with the Selling Stockholders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

The Selling Stockholders may, subject to our Insider Trading Policy (in the case of Selling Stockholders that are Veracyte employees), enter into option, derivative or hedging transactions with respect to the shares of common stock, and any related offers or sales of shares may be made pursuant to this prospectus supplement. For example, the Selling Stockholders may:

- enter into transactions involving short sales of the shares by broker-dealers in the course of hedging the positions they assume with the Selling Stockholders;
- sell shares short itself and deliver the shares registered hereby to settle such short sales or to close out stock loans incurred in connection with its short positions;
- write call options, put options or other derivative instruments (including exchange-traded options or privately negotiated options) with respect to the shares, or which they settle through delivery of the shares;

- enter into option transactions or other types of transactions that require the Selling Stockholders to deliver shares to a broker, dealer or other financial institution, who may then resell or transfer the shares under this prospectus supplement; or
- lend the shares to a broker, dealer or other financial institution, which may sell the lent shares.

These option, derivative and hedging transactions may require the delivery to a broker, dealer or other financial institution of shares offered hereby, and such broker, dealer or other financial institution may resell such shares pursuant to this prospectus supplement.

The Selling Stockholders may also sell shares under Rule 144 under the Securities Act, if available, rather than under this prospectus supplement. The Selling Stockholders are not obligated to, and there is no assurance that the Selling Stockholders will, sell all or any of the shares we are registering. The Selling Stockholders may transfer, devise or gift such shares by other means not described in this prospectus supplement.

The aggregate proceeds to the Selling Stockholders from the sale of the common stock offered by them will be the purchase price of the common stock less discounts or commissions, if any. The Selling Stockholders reserve the right to accept and, together with its agents from time to time, to reject, in whole or in part, any proposed purchase of common stock to be made directly or through agents. We will not receive any of the proceeds from this offering. We are required to pay certain fees and expenses incurred by us incident to the registration of the shares.

Broker-dealers engaged by the Selling Stockholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the Selling Stockholders (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated. The Selling Stockholders do not expect these commissions and discounts to exceed what is customary in the types of transactions involved. Any profits on the resale of shares by a broker-dealer acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. Discounts, concessions, commissions and similar selling expenses, if any, attributable to the sale of shares will be borne by the Selling Stockholders. The Selling Stockholders may agree to indemnify any agent, dealer or broker-dealer that participates in transactions involving sales of the shares if liabilities are imposed on that person under the Securities Act.

The Selling Stockholders, broker-dealers or agents that participate in the sale of the common stock may be "underwriters" within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. If any Selling Stockholder is an "underwriter" within the meaning of Section 2(11) of the Securities Act, it will be subject to the prospectus delivery requirements of the Securities Act. There is no underwriter or coordinating broker acting in connection with the proposed sale of the resale shares by the Selling Stockholders and the Selling Stockholders may not participate in an underwritten offering without our prior written consent.

The Selling Stockholders, subject to our Insider Trading Policy (in the case of Selling Stockholders that are Veracyte employees), may from time to time pledge or grant a security interest in some or all of the shares owned by them and, if any Selling Stockholder defaults in the performance of any of its secured obligations, the pledgees or secured parties may offer and sell the shares from time to time under this prospectus supplement, or under an amendment to this prospectus supplement or other applicable provision of the Securities Act amending the list of selling stockholders to include the pledgee, transferee or other successors-in-interest as selling stockholders under this prospectus supplement. The Selling Stockholders also may transfer the shares of common stock in other circumstances, in which case the transferees, pledgees or other successors-in-interest will be the selling beneficial owners for purposes of this prospectus supplement.

To the extent required, the shares to be sold, the names of the selling stockholders, the respective purchase prices and public offering prices, the names of any agents, dealer, or underwriter and any applicable commissions or

discounts with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus supplement.

In order to comply with the securities laws of some states, if applicable, the common stock may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the common stock may not be sold unless it has been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

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

The anti-manipulation rules of Regulation M under the Exchange Act, may apply to sales of shares in the market and to the activities of the Selling Stockholders and their respective affiliates. In addition, we will make copies of this prospectus supplement (as it may be supplemented or amended from time to time) available to the Selling Stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The Selling Stockholders may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

We have agreed to indemnify the Selling Stockholders against liabilities, including liabilities under the Securities Act and state securities laws, relating to the registration of the shares offered by this prospectus supplement.

We may restrict or suspend offers and sales or other dispositions of the shares under this prospectus supplement under certain circumstances. In the event of such restriction or suspension, the Selling Stockholders will not be able to offer or sell or otherwise dispose of the shares of common stock under this prospectus supplement.

Expenses associated with this offering to be paid by us are estimated to be approximately \$40,000, including SEC filing fees.

LEGAL MATTERS

Fenwick & West LLP, San Francisco, California will issue an opinion about certain legal matters with respect to the securities.

EXPERTS

Ernst & Young LLP, independent registered public accounting firm, has audited our consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2023, and the effectiveness of our internal control over financial reporting as of December 31, 2023, as set forth in their reports, which are incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on Ernst & Young LLP's reports, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the shares of common stock offered hereby. This prospectus supplement, which constitutes a part of the registration statement, does not contain all of the information set forth in the registration statement, the exhibits filed therewith or the documents incorporated by reference therein. For further information about us and the shares of common stock offered hereby, reference is made to the registration statement, the exhibits filed therewith and the documents incorporated by reference therein. Statements contained in this prospectus supplement regarding the contents of any contract or any other document that is filed as an exhibit to the registration statement are not necessarily complete, and in each instance, we refer you to the copy of such contract or other document filed as an exhibit to the registration statement.

We are subject to the informational requirements of the Exchange Act, and are required to file annual, quarterly and other reports, proxy statements and other information with the SEC. The SEC maintains an Internet site (http://www.sec.gov) that contains reports, proxy and information statements, and various other information about us. You may access, free of charge, our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and any amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after such each such report is electronically filed with, or furnished to, the SEC.

Information about us is also available on our website at www.veracyte.com. However, the information on our website is not a part of this prospectus supplement and is not incorporated by reference into this prospectus supplement. We have included our website address in this prospectus supplement solely as an inactive textual reference.

INCORPORATION OF INFORMATION BY REFERENCE

The SEC permits us to "incorporate by reference" the information contained in documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents rather than by including them in this prospectus supplement or the accompanying prospectus. Information that is incorporated by reference is considered to be part of this prospectus supplement and the accompanying prospectus and you should read it with the same care that you read this prospectus supplement and the accompanying prospectus. Later information that we file with the SEC will automatically update and supersede the information that is either contained, or incorporated by reference, in this prospectus supplement and the accompanying prospectus, and will be considered to be a part of this prospectus supplement and the accompanying prospectus from the date those documents are filed. We have filed with the SEC, and incorporate by reference in this prospectus supplement and the accompanying prospectus:

- our Annual Report on Form 10-K for the year ended <u>December 31, 2023</u>, filed with the SEC on February 29, 2024;
- our Current Reports on Form 8-K filed with the SEC on <u>February 6, 2024</u>, and <u>February 13, 2024</u>, (except that any portions thereof which are furnished and not filed shall not be deemed incorporated); and
- the description of our common stock contained in our registration statement on Form 8-A filed with the SEC on October 28, 2013 under Section 12 of the Exchange Act, including any amendment or report filed for the purposes of updating such description, including Exhibit 4.2 to our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on February 29, 2024.

We also incorporate by reference all additional documents that we file with the SEC under the terms of Section 13(a), 13(c), 14 or 15(d) of the Exchange Act that are made after the initial filing date of the registration statement of which this prospectus supplement and the accompanying prospectus is a part and the effectiveness of the registration statement, as well as between the date of this prospectus supplement and the termination of any offering of securities offered by this prospectus supplement and the accompanying prospectus. We are not, however, incorporating, in each case, any documents or information that we are deemed to furnish and not file in accordance with SEC rules.

You may request a copy of any or all of the documents incorporated by reference but not delivered with this prospectus supplement and the accompanying prospectus, at no cost, by writing or telephoning us at the following address and number: Investor Relations, Veracyte, Inc., 6000 Shoreline Court, Suite 300, South San Francisco, California 94080, telephone (650) 243-6300. We will not, however, send exhibits to those documents, unless the exhibits are specifically incorporated by reference in those documents. See the section of this prospectus supplement entitled "Where You Can Find More Information" for information concerning how to obtain copies of materials that we file with the SEC.

PROSPECTUS



Common Stock, Preferred Stock, Debt Securities, Warrants, Subscription Rights and Units

We may, from time to time, offer and sell common stock, preferred stock, debt securities, warrants, subscription rights, and/or units consisting of some or all of these securities, in any combination, together or separately, in one or more offerings. The preferred stock, debt securities and warrants may be convertible into or exercisable or exchangeable for common or preferred stock or debt securities. The subscription rights may be exercisable for common or preferred stock. We will specify in an accompanying prospectus supplement more specific information about any such offering.

In addition, certain selling securityholders to be identified in a prospectus supplement may use this prospectus from time to time to offer shares of our common stock. Unless the applicable prospectus supplement provides otherwise, we will not receive any proceeds from the sale of common stock by the selling securityholders.

You should read this document and any prospectus supplement or amendment carefully before you invest in our securities. Neither we nor any selling securityholders may use this prospectus to sell securities unless it includes a prospectus supplement.

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

Investing in our securities involves risks. See the section entitled "Risk Factors" on page 3 of this prospectus. You should carefully review the risks and uncertainties described under the heading "Risk Factors" contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in the other documents that are incorporated or deemed incorporated by reference into this prospectus.

The securities described in this prospectus may be offered and sold to or through underwriters, dealers or agents as designated from time to time, or directly to one or more other purchasers or through a combination of such methods. See "Plan of Distribution" on page 23. If any underwriters, dealers or agents are involved in the sale of any of the securities, their names, and any applicable purchase price, fee, commission or discount arrangements between or among them, will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement.

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

The date of this prospectus is February 29, 2024

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ABOUT THIS PROSPECTUS

This prospectus is part of an automatic registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or SEC, using a "shelf" registration, or continuous offering, process under the Securities Act of 1933, as amended, or the Securities Act. Under this shelf registration process, we may, from time to time, offer and sell separately or together in any combination the securities described in this prospectus in one or more offerings, and selling securityholders may sell our common stock from time to time in one or more offerings.

This prospectus provides you with a general description of the securities we or the selling securityholders may offer. Each time we or the selling securityholders sell securities, we will provide one or more prospectus supplements that will contain specific information about the terms of the offering. We may also authorize one or more free writing prospectuses to be provided to you in connection with these offerings. Any prospectus supplement and any free writing prospectus may also add, update or change information contained in this prospectus. You should read this prospectus, the information incorporated, or deemed to be incorporated, by reference in this prospectus, the accompanying prospectus supplement and any free writing prospectus, together with the additional information described under the heading "Where You Can Find More Information," before making your investment decision.

Neither we, nor the selling securityholders or any agent, underwriter or dealer have authorized anyone to give you any information or to make any representation other than the information and representations contained in or incorporated by reference into this prospectus or any applicable prospectus supplement. This prospectus and the accompanying prospectus supplement do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the securities described in the accompanying prospectus supplement or an offer to sell or the solicitation of an offer to buy such securities in any circumstances in which such offer or solicitation is unlawful. You should assume that the information appearing in this prospectus, any prospectus supplement, the documents incorporated by reference and any related free writing prospectus is accurate only as of their respective dates. Our business, financial condition, operating results and prospects may have changed materially since those dates.

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. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the heading "Where You Can Find More Information."

Unless the context otherwise requires, references in this prospectus and the accompanying prospectus supplement to "Veracyte," the "company," "we," "us" and "our" refer to Veracyte, Inc.

Veracyte, Afirma, Percepta, Envisia, Prosigna, Lymphmark, Decipher, GRID, HalioDx, TMExplore, Brightplex, Immunosign, C2i Genomics, C2intelligence, C2inform and the Veracyte logo are registered or pending trademarks of Veracyte, Inc. and its subsidiaries in the U.S. and selected countries. nCounter is the registered trademark of NanoString Technologies, Inc., or NanoString, in the U.S. and selected countries and used by Veracyte under license. Immunoscore is the registered trademark of Institut National de la Santé et de la Recherche Médicale, or Inserm, in the U.S. and selected countries and used by Veracyte under license. This prospectus and the documents incorporated by reference into this prospectus may also contain trademarks and trade names that are the property of their respective owners. We do not intend our use or display of other companies' trade names, trademarks or service marks to imply relationships with, or endorsements or sponsorship of us by, these other companies.

PROSPECTUS SUMMARY

This summary does not contain all of the information that you should consider before investing in our securities. You should carefully read this entire prospectus and the information incorporated by reference in this prospectus, including "Risk Factors" and the financial data and related notes and other information incorporated by reference, before making an investment decision.

Company Overview

We are a global diagnostics company that empowers clinicians with the high-value insights they need to guide and assure patients at pivotal moments in the race to diagnose and treat cancer. Our high-performing tests enable clinicians to make more confident diagnostic, prognostic and treatment decisions, helping patients avoid unnecessary procedures and interventions, and accelerating time to appropriate treatment, thereby improving outcomes for patients all over the world.

We currently offer tests in thyroid cancer (Afirma); prostate cancer (Decipher Prostate); breast cancer (Prosigna); bladder cancer (Decipher Bladder); and interstitial lung diseases (Envisia). Our Percepta Nasal Swab test is being run in our Clinical Laboratory Improvement Amendments of 1988, or CLIA, certified lab in support of clinical studies and our test for lymphoma is in development as a companion diagnostic.

We serve global markets with two complementary models. In the United States, we offer laboratory developed tests, or LDTs, through our centralized CLIA certified laboratories in South San Francisco and San Diego, California, supported by our cytopathology expertise in Austin, Texas. Additionally, primarily outside of the United States, we provide tests to patients through distribution to laboratories and hospitals that can perform the tests locally. Today, this includes our Prosigna test, and in the future, we intend to offer the Decipher Prostate and Percepta Nasal Swab tests as in vitro diagnostic, or IVD, tests. We believe our broad menu of advanced diagnostic tests, combined with our ability to deliver them globally, differentiates us in the diagnostics industry.

In February 2024, we acquired C2i Genomics, Inc., a minimal residual disease detection company, which will expand our role across the patient cancer journey, moving from providing early decision support to following the patient through treatment, where we will be able to help monitor the success of a therapeutic or surgical intervention, and determine the best course of action for each patient.

Company Information

We were incorporated in Delaware as Calderome, Inc. in August 2006. Calderome operated as an incubator until early 2008. We changed our name to Veracyte, Inc. in March 2008. Our principal executive offices are located at 6000 Shoreline Court, Suite 300, South San Francisco, California 94080 and our telephone number is (650) 243-6300. Our website address is www.veracyte.com. We do not incorporate the information on, or accessible through, our website into this prospectus, and you should not consider any information on, or accessible through, our website as part of this prospectus.

RISK FACTORS

Investing in our securities involves risk. The prospectus supplement relating to a particular offering will contain a discussion of risks applicable to an investment in the securities offered. Prior to making a decision about investing in our securities, you should carefully consider the specific factors discussed under the heading "Risk Factors" in the applicable prospectus supplement together with all of the other information contained in the prospectus supplement or appearing or incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under Part I, Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023, which is incorporated herein by reference, and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future and which are incorporated herein by reference. See "Where You Can Find More Information" and "Incorporation of Information by Reference." The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our operations.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and any prospectus supplement, including the documents incorporated by reference herein and therein, contain forward-looking statements, which are subject to safe harbor protection under of the Private Securities Litigation Reform Act of 1995. All statements contained in or incorporated by reference in this prospectus and any prospectus supplement other than statements of historical fact, including statements regarding our future financial condition and operating results, business strategy and plans, and objectives for future operations, are forward-looking statements. The words "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "seek," "plan," and similar expressions are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations, beliefs, and projections about future events, conditions, and trends that we believe may affect our financial condition, operating results, business strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties, assumptions, and changes in circumstances that are difficult to predict and many of which are outside of our control, including those arising from the impact of recent macroeconomic events and inflation, as well as those described in the "Risk Factors" section incorporated by reference herein, which we encourage you to read carefully. 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.

In light of these risks, uncertainties, assumptions, and potential changes in circumstances, the future events, conditions, and trends discussed in this prospectus and any prospectus supplement may not occur and actual results could differ materially and adversely from those anticipated or implied by the forward-looking statements. Accordingly, you should not rely upon any forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activities, performance, or achievements. We are under no duty to update any of these forward-looking statements after the date of this report or to conform these statements to actual results or revised expectations, except as required by applicable law. If we do update any forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements. You are advised to review any additional disclosures we make in the documents we subsequently file with the SEC that are incorporated by reference in this prospectus and any prospectus supplement. See "Where You Can Find Additional Information" and "Incorporation of Information by Reference."

USE OF PROCEEDS

Unless we state otherwise in the applicable prospectus supplement, we intend to use the net proceeds from the sale of the securities offered by us pursuant to this prospectus for general corporate purposes. General corporate purposes may include additions to working capital, financing of capital expenditures, repayment or redemption of existing indebtedness, and future acquisitions and strategic investment opportunities. Unless we state otherwise in the applicable prospectus supplement, pending the application of net proceeds, we expect to invest the net proceeds in short- and intermediate-term, interest-bearing obligations, investment-grade instruments, certificates of deposit or direct or guaranteed obligations of the U.S. government. We cannot predict whether the net proceeds invested will yield a favorable return. Our management will have broad discretion in the application of the net proceeds we receive from the sale of the securities offered hereby, and investors will be relying on the judgment of our management regarding the application of the net proceeds.

Unless otherwise indicated in the prospectus supplement, we will not receive any of the proceeds from any sale of our common stock by selling securityholders.

DESCRIPTION OF SECURITIES TO BE REGISTERED

We may offer common stock, preferred stock, debt securities, warrants, subscription rights, and/or units consisting of some or all of these securities, in any combination, together or separately, in one or more offerings. Selling securityholders may also offer shares of our common stock in one or more offerings. This prospectus provides you with a general description of the securities we or the selling securityholders may offer. A prospectus supplement, which we will provide each time we offer securities, will describe the specific amounts, prices and terms of these securities.

We or selling securityholders may sell the securities to or through underwriters, dealers or agents or directly to purchasers or as otherwise set forth below under "Plan of Distribution." We, as well as any agents acting on our behalf, reserve the sole right to accept and to reject in whole or in part any proposed purchase of securities. Each prospectus supplement will set forth the names of any underwriters, dealers, agents or other entities involved in the sale of securities described in that prospectus supplement and any applicable fee, commission or discount arrangements with them.

DESCRIPTION OF COMMON STOCK

This section describes the general terms and provisions of the shares of our common stock, par value \$0.001 per share. The following is only a summary and is qualified in its entirety by reference to the description of our common stock incorporated by reference in this prospectus. Our restated certificate of incorporation and our bylaws have been filed as exhibits to our periodic reports filed with the SEC, which are incorporated by reference in this prospectus. You should read our restated certificate of incorporation and our bylaws for additional information before you buy any of our common stock or other securities. See "Where You Can Find More Information" and "Incorporation of Information by Reference."

We have 125,000,000 shares of authorized common stock. As of December 31, 2023, there were 73,264,738 shares of common stock issued and outstanding. Each holder of common stock is entitled to one vote for each share of common stock held on all matters submitted to a vote of stockholders. We have not provided for cumulative voting for the election of directors in our restated certificate of incorporation. This means that the holders of a majority of the shares voted can elect all of the directors then standing for election. Subject to preferences that may apply to shares of preferred stock outstanding at the time, the holders of outstanding shares of our common stock are entitled to receive dividends out of assets legally available at the times and in the amounts that our board of directors may determine from time to time. Upon our liquidation, dissolution or winding-up, the holders of common stock are entitled to share ratably in all assets remaining after payment of all liabilities and the liquidation preferences of any outstanding preferred stock. Holders of common stock have no preemptive or conversion rights or other subscription rights. There are no redemption or sinking fund provisions applicable to the common stock. All outstanding shares of common stock are fully paid and nonassessable.

Anti-Takeover Effects of Delaware Law and Our Restated Certificate of Incorporation and Bylaws

Certain provisions of Delaware law, our restated certificate of incorporation and our amended and restated bylaws could have the effect of delaying, deferring or discouraging another party from acquiring control of us. These provisions, which are summarized below, are expected to discourage certain types of coercive takeover practices and inadequate takeover bids. These provisions are also designed, in part, to encourage persons seeking to acquire control of us to first negotiate with our board of directors.

Certificate of Incorporation and Bylaws. Our restated certificate of incorporation and amended and restated bylaws include provisions that:

- authorize our board of directors to issue, without further action by the stockholders, up to 5,000,000 shares of undesignated preferred stock.
- require that any action to be taken by our stockholders be effected at a duly called annual or special meeting and not by written consent;
- specify that special meetings of our stockholders can be called only by our board of directors, our chairman of the board, or our chief
 executive officer;
- establish an advance notice procedure for stockholder approvals to be brought before an annual meeting of our stockholders, including proposed nominations of persons for election to our board of directors;
- provide that our board of directors is divided into three classes, Class I, Class II and Class III, with each class serving staggered terms. However, beginning with our annual meeting of stockholders to be held in 2024, our board of directors will be declassified over a three-year period, with each class, beginning with the directors standing for election at the annual meeting of stockholders to be held in 2024, subject to an election for a term of one year expiring at the next succeeding annual meeting of stockholders;
- provide that our directors serving in a class of directors for a term expiring at the third annual meeting of stockholders following the
 election of such class may be removed only for cause;

- provide that vacancies on our board of directors may, except as otherwise required by law, be filled only by a majority of directors then in office, even if less than a quorum;
- provide that the federal district courts of the United States shall be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act;
 - specify that no stockholder is permitted to cumulate votes at any election of directors; and
- require a super-majority of votes to amend certain of the above-mentioned provisions.

Delaware Law. We are subject to the provisions of Section 203 of the General Corporation Law of the State of Delaware regulating corporate takeovers. In general, those provisions prohibit a publicly-held Delaware corporation from engaging in any business combination with any interested stockholder for a period of three years following the date that the stockholder became an interested stockholder, unless:

- the transaction is approved by the board of directors of the corporation before the date the interested stockholder attained that status;
- upon completion of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding for purposes of determining the voting stock outstanding (1) shares owned by persons who are directors and also officers and (2) shares owned by 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 the date the business combination is approved by the board of directors of the corporation and authorized at an annual or special meeting of the stockholders, and not by written consent, by the affirmative vote of at least 66-2/3% of the outstanding voting stock that is not owned by the interested stockholder.

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;
- 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 of 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 provided by or through the corporation.

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

A Delaware corporation may opt out of these provisions either with an express provision in its original certificate of incorporation or in an amendment to its certificate of incorporation or bylaws approved by its stockholders. However, we have not opted out, and do not currently intend to opt out of, these provisions. The statute could prohibit or delay mergers or other takeover or change in control attempts and, accordingly, may discourage attempts to acquire us.

Transfer Agent

The transfer agent and registrar for our common stock is Broadridge Corporate Issuer Solutions, Inc.

Exchange Listing

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

DESCRIPTION OF PREFERRED STOCK

This section describes the general terms and provisions of the shares of our preferred stock, par value \$0.001 per share. The following is only a summary and is qualified in its entirety by reference to the description of our preferred stock incorporated by reference in this prospectus. Our restated certificate of incorporation and our bylaws have been filed as exhibits to our periodic reports filed with the SEC, which are incorporated by reference in this prospectus. You should read our restated certificate of incorporation and our bylaws for additional information before you buy any of our common stock or other securities. See "Where You Can Find More Information" and "Incorporation of Information by Reference."

As of December 31, 2023, our authorized preferred stock, par value \$0.001 per share, was 5,000,000 shares, none of which were issued and outstanding. We may issue preferred stock, in series, with such designations, powers, preferences and other rights and qualifications, limitations or restrictions as our board of directors may authorize, without further action by our stockholders, including:

- the distinctive designation of each series and the number of shares that will constitute the series;
- the voting rights, if any, of shares of the series and the terms and conditions of the voting rights;
- the dividend rate on the shares of the series, the dates on which dividends are payable, any restriction, limitation or condition upon the payment of dividends, whether dividends will be cumulative, and the dates from and after which dividends shall accumulate;
- the prices at which, and the terms and conditions on which, the shares of the series may be redeemed, if the shares are redeemable;
- the terms and conditions of a sinking or purchase fund for the purchase or redemption of shares of the series, if such a fund is provided;
- any preferential amount payable upon shares of the series in the event of the liquidation, dissolution or winding up of, or upon the distribution of any of our assets; and
- the prices or rates of conversion or exchange at which, and the terms and conditions on which, the shares of the series may be converted or exchanged into other securities, if the shares are convertible or exchangeable.

The particular terms of any series of preferred stock, and the transfer agent and registrar for that series, will be described in a prospectus supplement. Any material United States federal income tax consequences and other special considerations with respect to any preferred stock offered under this prospectus will also be described in the applicable prospectus supplement.

DESCRIPTION OF DEBT SECURITIES

The following is a summary of the general terms of the debt securities we may offer. We will file a prospectus supplement that may contain additional terms when we issue debt securities. The terms presented here, together with the terms in the applicable prospectus supplement, together with any free writing prospectus or term sheet, will be a description of the material terms of the debt securities. The terms of the debt securities will include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939, as in effect on the date of the indenture. We have filed a copy of the form of indenture as an exhibit to the registration statement in which this prospectus is included. The indenture will be subject to and governed by the terms of the Trust Indenture Act of 1939.

We may issue, from time to time, debt securities, in one or more series. These debt securities that we may issue include senior debt securities, senior subordinated debt securities, subordinated debt securities and exchangeable debt securities. The following is a summary of the material provisions of the form of indenture filed as an exhibit to the registration statement of which this prospectus is a part. For each series of debt securities, the applicable prospectus supplement for the series may change and supplement the summary below.

As used in this section only, "we," "us" and "our" refer to Veracyte, Inc., unless expressly stated or the context otherwise requires.

General Terms of the Indenture

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities for any series of debt securities up to the principal amount that we may authorize. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to give holders of any debt securities protection against changes in our operations, financial condition or transactions involving us. For each series of debt securities, any restrictive covenants for those debt securities will be described in the applicable prospectus supplement for those debt securities.

You should refer to the prospectus supplement relating to a particular series of debt securities for a description of the following terms of the debt securities offered by that prospectus supplement and by this prospectus:

- the title of the series;
- the aggregate principal amount, and, if a series, the total amount authorized and the total amount outstanding;
- the date or dates on which principal and premium, if any, of the debt securities of that series is payable;
- interest rates, and the dates from which interest, if any, on the debt securities of that series will accrue, and the dates when interest is payable and the maturity;
- the right, if any, to extend the interest payment periods and the duration of the extensions;
- if the amount of payments of principal or interest is to be determined by reference to an index or formula, or based on a coin or currency other than that in which the debt securities are stated to be payable, the manner in which these amounts are determined and the calculation agent, if any, with respect thereto;
- the place or places where and the manner in which principal of, premium, if any, and interest, if any, on the debt securities of that series will be payable and the place or places where those debt securities may be presented for transfer and, if applicable, conversion or exchange;

- the period or periods within which, the price or prices at which, and other terms and conditions upon which those debt securities may be redeemed, in whole or in part, at our option or the option of a holder of those securities, if we or a holder is to have that option;
- our obligation or right, if any, to redeem, repay or purchase those debt securities pursuant to any sinking fund or analogous provision or at the option of a holder of those securities, and the terms and conditions upon which the debt securities will be redeemed, repaid or purchased, in whole or in part, pursuant to that obligation;
- the terms, if any, on which the debt securities of that series will be subordinate in right and priority of payment to our other debt;
- the denominations in which those debt securities will be issuable, if other than denominations of \$1,000 or any integral multiple of that number:
- if other than the entire principal amount of the debt securities when issued, the portion of the principal amount payable upon acceleration of maturity as a result of a default on our obligations;
- whether any securities of that series are to be issued in whole or in part in the form of one or more global securities and the depositary for those global securities;
- if the principal of or any premium or interest on the debt securities of that series is to be payable, or is to be payable at our election or the election of a holder of those securities, in securities or other property, the type and amount of those securities or other property, or the manner of determining that amount, and the period or periods within which, and the terms and conditions upon which, any such election may be made;
- the events of default and covenants relating to the debt securities that are in addition to, modify or delete those described in this prospectus;
- conversion or exchange provisions, if any, including conversion or exchange prices or rates and adjustments thereto;
- whether and upon what terms the debt securities may be defeased, if different from the provisions set forth in the indenture;
- the nature and terms of any security for any secured debt securities;
- the terms applicable to any debt securities issued at a discount from their stated principal amount
- any addition to or change in the covenants and/or the acceleration provisions described in this prospectus or in the indenture; and
- any other specific terms of any debt securities.

We may issue the debt securities issued under the indenture as "discount securities," which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may, for United States federal income tax purposes, be treated as if they were issued with "original issue discount" because of interest payment and other characteristics. Special United States federal income tax considerations applicable to debt securities issued with original issue discount will be described in more detail in any applicable prospectus supplement.

The applicable prospectus supplement will present material United States federal income tax considerations for holders of any debt securities and the securities exchange or quotation system on which any debt securities are to be listed or quoted.

Covenants

Unless otherwise indicated in this prospectus or the applicable prospectus supplement, our debt securities will not have the benefit of any covenants that limit or restrict our business or operations, the pledging of our assets or the

incurrence by us of indebtedness. We will describe in the applicable prospectus supplement any material covenants in respect of a series of debt securities

No Protection in the Event of Change of Control

The indenture does not have any covenants or other provisions providing for a put or increased interest or otherwise that would afford holders of our debt securities additional protection in the event of a recapitalization transaction, a change of control or a highly leveraged transaction. If we offer any covenants or provisions of this type with respect to any debt securities covered by this prospectus, we will describe them in the applicable prospectus supplement.

Conversion or Exchange Rights

Debt securities may be convertible into or exchangeable for shares of our equity securities or other securities. The terms and conditions of conversion or exchange will be stated in the applicable prospectus supplement. The terms will include, among others, the following:

- the conversion or exchange price;
- the conversion or exchange period;
- provisions regarding our ability or the ability of any holder to convert or exchange the debt securities;
- events requiring adjustment to the conversion or exchange price;
- · provisions affecting conversion or exchange in the event of our redemption of the debt securities; and
- any anti-dilution provisions, if applicable.

Consolidation, Merger or Sale

We cannot consolidate with or merge with or into, or transfer or lease all or substantially all of our assets to, any person, unless we are the surviving corporation or the successor person is a corporation organized under the laws of the United States, any state of the United States or the District of Columbia and expressly assumes our obligations under the debt securities and the indenture. In addition, we cannot complete such a transaction unless immediately after completing the transaction, no event of default under the indenture, and no event that, after notice or lapse of time or both, would become an event of default under the indenture, has occurred and is continuing. When the successor person has assumed our obligations under the debt securities and the indenture, we will be discharged from all our obligations under the debt securities and the indenture except in limited circumstances.

This covenant would not apply to any recapitalization transaction, a change of control affecting us or a highly leveraged transaction, unless the transaction or change of control were structured to include a merger or consolidation or transfer or lease of all or substantially all of our assets.

Events of Default

Unless otherwise specified in the applicable prospectus supplement, the following will be "events of default" under the indenture with respect to any series of debt securities:

- failure to pay interest for 30 days after the date payment is due and payable;
- failure to pay principal or premium, if any, on any debt security when due, either at maturity, upon any redemption, by declaration or otherwise and, in the case of technical or administrative difficulties, only if such default persists for a period of more than three business days;

- failure to make sinking fund payments when due and continuance of such default for a period of 30 days;
- failure to perform other covenants for 60 days after notice that performance was required;
- events in bankruptcy, insolvency or reorganization relating to us; or
- any other event of default provided in the applicable officer's certificate, resolution of our board of directors or the supplemental indenture under which we issue a series of debt securities.

An event of default for a particular series of debt securities does not necessarily constitute an event of default for any other series of debt securities issued under the indenture. For each series of debt securities, any modifications to the above events of default will be described in the applicable prospectus supplement for those debt securities.

The indenture provides that if an event of default specified in the first, second, third, fourth or sixth bullets above occurs and is continuing, either the trustee or the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series may declare the principal amount of all those debt securities (or, in the case of discount securities or indexed securities, that portion of the principal amount as may be specified in the terms of that series) to be due and payable immediately. If an event of default specified in the fifth bullet above occurs and is continuing, then the principal amount of all those debt securities (or, in the case of discount securities or indexed securities, that portion of the principal amount as may be specified in the terms of that series) will be due and payable immediately, without any declaration or other act on the part of the trustee or any holder. In certain cases, holders of a majority in principal amount of the outstanding debt securities of any series may, on behalf of holders of all those debt securities, rescind and annul a declaration of acceleration.

The indenture imposes limitations on suits brought by holders of debt securities against us. Except for actions for payment of overdue principal or interest, no holder of debt securities of any series may institute any action against us under the indenture unless:

- the holder has previously given to the trustee written notice of default and continuance of such default;
- the holders of at least 25% in principal amount of the outstanding debt securities of the affected series have requested that the trustee institute the action;
- the requesting holders have offered the trustee indemnity for the reasonable expenses and liabilities that may be incurred by bringing the
 action:
- the trustee has not instituted the action within 60 days of the request and offer of indemnity; and
- the trustee has not received inconsistent direction by the holders of a majority in principal amount of the outstanding debt securities of the
 affected series.

We will be required to file annually with the trustee a certificate, signed by one of our officers, stating whether or not the officer knows of any default by us in the performance, observance or fulfillment of any condition or covenant of the indenture.

Discharge, Defeasance and Covenant Defeasance

We can discharge or decrease our obligations under the indenture as stated below.

We may discharge obligations to holders of any series of debt securities that have not already been delivered to the trustee for cancellation and that have either become due and payable or are by their terms to become due and payable, or are scheduled for redemption, within one year. We may effect a discharge by irrevocably depositing with the trustee cash or government obligations, as trust funds, in an amount certified to be enough to pay when

due, whether at maturity, upon redemption or otherwise, the principal of, and any premium and interest on, the debt securities and any mandatory sinking fund payments.

Unless otherwise provided in the applicable prospectus supplement, we may also discharge any and all of our obligations to holders of any series of debt securities at any time, which we refer to as defeasance. We may also be released from the obligations imposed by any covenants of any outstanding series of debt securities and provisions of the indenture, and we may omit to comply with those covenants without creating an event of default under the trust declaration, which we refer to as covenant defeasance. We may effect defeasance and covenant defeasance only if, among other things:

- we irrevocably deposit with the trustee cash or government obligations denominated in the currency of the debt securities, as trust funds, in an amount certified to be enough to pay at maturity, or upon redemption, the principal (including any mandatory sinking fund payments) of, and any premium and interest on, all outstanding debt securities of the series; and
- we deliver to the trustee an opinion of counsel from a nationally recognized law firm to the effect that the holders of the series of debt
 securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the defeasance or covenant defeasance
 and that defeasance or covenant defeasance will not otherwise alter the holders' U.S. federal income tax treatment of principal, and any
 premium and interest payments on, the series of debt securities.

In the case of a defeasance by us, the opinion we deliver must be based on a ruling of the Internal Revenue Service issued, or a change in U.S. federal income tax law occurring, after the date of the indenture, since such a result would not occur under the U.S. federal income tax laws in effect on that date.

Although we may discharge or decrease our obligations under the indenture as described in the two preceding paragraphs, we may not avoid, among other things, our duty to register the transfer or exchange of any series of debt securities, to replace any temporary, mutilated, destroyed, lost or stolen series of debt securities or to maintain an office or agency in respect of any series of debt securities.

Modification of the Indenture

The indenture provides that we and the trustee may enter into supplemental indentures without the consent of the holders of debt securities to, among other things:

- evidence the assumption by a successor entity of our obligations;
- add to our covenants for the benefit of the holders of debt securities, or to surrender any rights or power conferred upon us;
- add any additional events of default;
- add to, change or eliminate any of the provisions of the indenture in a manner that will become effective only when there is no outstanding
 debt security which is entitled to the benefit of the provision as to which the modification would apply;
- add guarantees with respect to or secure any debt securities;
- establish the forms or terms of debt securities of any series;
- evidence and provide for the acceptance of appointment by a successor trustee and add to or change any of the provisions of the indenture as is necessary for the administration of the trusts by more than one trustee;
- cure any ambiguity or correct any inconsistency or defect in the indenture;

- modify, eliminate or add to the provisions of the indenture as shall be necessary to effect the qualification of the indenture under the Trust Indenture Act of 1939 or under any similar federal statute later enacted, and to add to the indenture such other provisions as may be expressly required by the Trust Indenture Act; and
- make any other provisions with respect to matters or questions arising under the indenture that will not be inconsistent with any provision of the indenture as long as the new provisions do not adversely affect the interests of the holders of any outstanding debt securities of any series created prior to the modification.

The indenture also provides that we and the trustee may, with the consent of the holders of not less than a majority in aggregate principal amount of debt securities of each series of debt securities affected by such supplemental indenture then outstanding, add any provisions to, or change in any manner, eliminate or modify in any way the provisions of, the indenture or any supplemental indenture or modify in any manner the rights of the holders of the debt securities. We and the trustee may not, however, without the consent of the holder of each outstanding debt security affected thereby:

- extend the final maturity of any debt security;
- reduce the principal amount or premium, if any;
- reduce the rate or extend the time of payment of interest;
- reduce the amount of the principal of any debt security issued with an original issue discount that is payable upon acceleration;
- change the currency in which the principal, and any premium or interest, is payable;
- impair the right to institute suit for the enforcement of any payment on any debt security when due;
- if applicable, adversely affect the right of a holder to convert or exchange a debt security; or
- reduce the percentage of holders of debt securities of any series whose consent is required for any modification of the indenture or for waivers of compliance with or defaults under the indenture with respect to debt securities of that series.

The indenture provides that the holders of not less than a majority in aggregate principal amount of the then outstanding debt securities of any series, by notice to the relevant trustee, may on behalf of the holders of the debt securities of that series waive any default and its consequences under the indenture except:

- a default in the payment of, any premium and any interest on, or principal of, any such debt security held by a nonconsenting holder; or
- a default in respect of a covenant or provision of the indenture that cannot be modified or amended without the consent of the holder of each outstanding debt security of each series affected.

Registered Global Securities and Book Entry System

The debt securities of a series may be issued in whole or in part in book-entry form and will be represented by one or more fully registered global securities. We will deposit any registered global securities with a depositary or with a nominee for a depositary identified in the applicable prospectus supplement and registered in the name of such depositary or nominee. In such case, we will issue one or more registered global securities denominated in an amount equal to the aggregate principal amount of all of the debt securities of the series to be issued and represented by such registered global security or securities. This means that we will not issue certificates to each holder.

Unless and until it is exchanged in whole or in part for debt securities in definitive registered form, a registered global security may not be transferred except as a whole:

• by the depositary for the registered global security to its nominee;

- by a nominee of the depositary to the depositary or another nominee of the depositary; or
- by the depositary or its nominee to a successor of the depositary or a nominee of the successor.

The prospectus supplement relating to a series of debt securities will describe the specific terms of the depositary arrangement involving any portion of the series represented by a registered global security. We anticipate that the following provisions will apply to all depositary arrangements for debt securities:

- ownership of beneficial interests in a registered global security will be limited to persons that have accounts with the depositary for such registered global security, these persons being referred to as "participants," or persons that may hold interests through participants;
- upon the issuance of a registered global security, the depositary for the registered global security will credit, on its book- entry registration and transfer system, the participants' accounts with the respective principal amounts of the debt securities represented by the registered global security beneficially owned by the participants;
- any dealers, underwriters, or agents participating in the distribution of the debt securities will designate the accounts to be credited; and
- ownership of beneficial interest in the registered global security will be shown on, and the transfer of the ownership interest will be
 effected only through, records maintained by the depositary for the registered global security for interests of participants, and on the
 records of participants for interests of persons holding through participants.

The laws of some states may require that specified purchasers of securities take physical delivery of the securities in definitive form. These laws may limit the ability of those persons to own, transfer or pledge beneficial interests in registered global securities.

So long as the depositary for a registered global security, or its nominee, is the registered owner of the registered global security, the depositary or such nominee, as the case may be, will be considered the sole owner or holder of the debt securities represented by the registered global security for all purposes under the indenture. Except as stated below, owners of beneficial interests in a registered global security:

- will not be entitled to have the debt securities represented by a registered global security registered in their names;
- will not receive or be entitled to receive physical delivery of the debt securities in the definitive form; and
- will not be considered the owners or holders of the debt securities under the relevant indenture.

Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depositary for the registered global security and, if the person is not a participant, on the procedures of a participant through which the person owns its interest, to exercise any rights of a holder under the indenture.

We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the indenture, the depositary for the registered global security would authorize the participants holding the relevant beneficial interests to give or take the action, and the participants would authorize beneficial owners owning through the participants to give or take the action or would otherwise act upon the instructions of beneficial owners holding through them.

We will make payments of principal and premium, if any, and interest, if any, on debt securities represented by a registered global security registered in the name of a depositary or its nominee to the depositary or its nominee, as the case may be, as the registered owners of the registered global security. Neither we nor the trustee, or any other agent of ours or the trustee will be responsible or liable for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

We expect that the depositary for any debt securities represented by a registered global security, upon receipt of any payments of principal and premium, if any, and interest, if any, in respect of the registered global security, will immediately credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the registered global security as shown on the records of the depositary. We also expect that standing customer instructions and customary practices will govern payments by participants to owners of beneficial interests in the registered global security held through the participants, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name." We also expect that any of these payments will be the responsibility of the participants.

If the depositary for any debt securities represented by a registered global security is at any time unwilling or unable to continue as depositary or stops being a clearing agency registered under the Securities Exchange Act of 1934, as amended, or the Exchange Act, we will appoint an eligible successor depositary. If we fail to appoint an eligible successor depositary within 90 days, we will issue the debt securities in definitive form in exchange for the registered global security. In addition, we may at any time and in our sole discretion decide not to have any of the debt securities of a series represented by one or more registered global securities. In that event, we will issue debt securities of the series in a definitive form in exchange for all of the registered global securities representing the debt securities. The trustee will register any debt securities issued in definitive form in exchange for a registered global security in the name or names as the depositary, based upon instructions from its participants, shall instruct the trustee.

Concerning the Trustee

The indenture provides that there may be more than one trustee under the indenture, each for one or more series of debt securities. If there are different trustees for different series of debt securities, each trustee will be a trustee of a trust under the indenture separate and apart from the trust administered by any other trustee under that indenture. Except as otherwise indicated in this prospectus or any prospectus supplement, any action permitted to be taken by a trustee may be taken by such trustee only on the one or more series of debt securities for which it is the trustee under the indenture. Any trustee under the indenture may resign or be removed from one or more series of debt securities. All payments of principal of, and any premium and interest on, and all registration, transfer, exchange, authentication and delivery of, the debt securities of a series will be effected by the trustee for that series at an office designated by the trustee in New York, New York.

The indenture provides that, except during the continuance of an event of default, the trustee will perform only such duties as are specifically set forth in the indenture. During the existence of an event of default, the trustee will exercise those rights and powers vested in it under the indenture and use the same degree of care and skill in its exercise as a prudent person would exercise under the circumstances in the conduct of such person's own affairs.

If the trustee becomes a creditor of ours, the indenture places limitations on the right of the trustee to obtain payment of claims or to realize on property received in respect of any such claim as security or otherwise. The trustee may engage in other transactions. If it acquires any conflicting interest relating to any duties concerning the debt securities, however, it must eliminate the conflict or resign as trustee.

No Individual Liability of Incorporators, Stockholders, Officers or Directors

The indenture provides that no past, present or future director, officer, stockholder or employee of ours, any of our affiliates, or any successor corporation, in their capacity as such, shall have any individual liability for any of our obligations, covenants or agreements under the debt securities or the indenture.

Governing Law

The indenture and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock, preferred stock, debt securities, or any combination thereof. We may issue warrants independently or together with any other securities offered by any prospectus supplement and may be attached to or separate from the other offered securities. Each series of warrants may be issued under a separate warrant agreement to be entered into by us with a warrant agent. The applicable warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. Further terms of the warrants and the applicable warrant agreements will be set forth in the applicable prospectus supplement.

The applicable prospectus supplement relating to any particular issue of warrants will describe the terms of the warrants, including, as applicable, the following:

- the title of the warrants;
- the aggregate number of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, terms and number of shares of common stock, preferred stock or debt securities purchasable upon exercise of the warrants;
- the designation and terms of the offered securities, if any, with which the warrants are issued and the number of the warrants issued with each offered security;
- the date, if any, on and after which the warrants and the related common stock, preferred stock or debt securities will be separately transferable;
- the price at which each share of common stock, preferred stock or debt securities purchasable upon exercise of the warrants may be purchased;
- the date on which the right to exercise the warrants shall commence and the date on which that right shall expire;
- the minimum or maximum amount of the warrants which may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- a discussion of certain federal income tax considerations; and
- any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

We and the applicable warrant agent may amend or supplement the warrant agreement for a series of warrants without the consent of the holders of the warrants issued thereunder to effect changes that are not inconsistent with the provisions of the warrants and that do not materially and adversely affect the interests of the holders of the warrants.

DESCRIPTION OF SUBSCRIPTION RIGHTS

We may issue subscription rights to purchase common stock or preferred stock. This prospectus and any accompanying prospectus supplement will contain the material terms and conditions for each subscription right. The accompanying prospectus supplement may add, update or change the terms and conditions of the subscription rights as described in this prospectus.

We will describe in the applicable prospectus supplement the terms and conditions of the issue of subscription rights being offered, the subscription rights agreement relating to the subscription rights and the subscription rights certificates representing the subscription rights, including, as applicable:

- the title of the subscription rights;
- the date of determining the stockholders entitled to the subscription rights distribution;
- the title, aggregate number of shares of common stock or preferred stock purchasable upon exercise of the subscription rights;
- the exercise price;
- the aggregate number of subscription rights issued;
- the date, if any, on and after which the subscription rights will be separately transferable;
- the date on which the subscription right to exercise the subscription rights will commence and the date on which the subscription right will
 expire; and
- any other terms of the subscription rights, including terms, procedures and limitations relating to the distribution, exchange and exercise of the subscription rights.

Each subscription right will entitle the holder of subscription rights to purchase for cash the principal amount of shares of common stock or preferred stock at the exercise price provided in the applicable prospectus supplement. Subscription rights may be exercised at any time up to the close of business on the expiration date for the subscription rights provided in the applicable prospectus supplement. After the close of business on the expiration date, all unexercised subscription rights will be void.

Holders may exercise subscription rights as described in the applicable prospectus supplement. Upon receipt of payment and the subscription rights certificate properly completed and duly executed at the corporate trust office of the subscription rights agent or any other office indicated in the prospectus supplement, we will, as soon as practicable, forward the shares of common stock or preferred stock purchasable upon exercise of the subscription rights. If less than all of the subscription rights issued in any subscription rights offering are exercised, we may offer any unsubscribed securities directly to persons other than stockholders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby underwriting arrangements, as described in the applicable prospectus supplement.

DESCRIPTION OF UNITS

We may issue units consisting of some or all of the securities described above, in any combination, including common stock, preferred stock, warrants and/or debt securities. The terms of these units will be set forth in a prospectus supplement. The description of the terms of these units in the related prospectus supplement will not be complete. You should refer to the applicable form of unit and unit agreement for complete information with respect to these units.

SELLING SECURITYHOLDERS

Selling securityholders are persons or entities that, directly or indirectly, have acquired, or will from time to time acquire from us, our common stock. If the registration statement of which this prospectus forms a part is used by selling securityholders for the resale of any securities registered thereunder, information about such selling securityholders, their beneficial ownership of our securities and their relationship with us will be set forth in a prospectus supplement.

PLAN OF DISTRIBUTION

We or selling securityholders may sell the securities offered by this prospectus to one or more underwriters or dealers for public offering and sale by them or to investors directly or through agents. The accompanying prospectus supplement will set forth the terms of the offering and the method of distribution and will identify any firms acting as underwriters, dealers or agents in connection with the offering, including:

- the name or names of any underwriters, dealers or agents;
- if applicable, the names of any selling securityholders;
- the purchase price of the securities and the proceeds to us or the selling securityholders from the sale;
- any underwriting discounts and other items constituting compensation to underwriters, dealers or agents;
- any public offering price;
- any discounts or concessions allowed or reallowed or paid to dealers; and
- any securities exchange or market on which the securities offered in the prospectus supplement may be listed.

Only those underwriters identified in such prospectus supplement are deemed to be underwriters in connection with the securities offered in the prospectus supplement. We or selling securityholders may directly solicit offers to purchase the securities being offered by this prospectus. We or selling securityholders may also designate agents to solicit offers to purchase the securities from time to time. We or selling securityholders will name in a prospectus supplement any agent involved in the offer or sale of our securities. Unless otherwise indicated in a prospectus supplement, an agent will be acting on a best efforts basis, and a dealer will purchase securities as a principal for resale at varying prices to be determined by the dealer.

The distribution of the securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, or at prices determined as the applicable prospectus supplement specifies. The securities may be sold through an at-the-market offering, a subscription rights offering, forward contracts or similar arrangements. In addition, we or selling securityholders may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or selling securityholders or borrowed from us or selling securityholders or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post- effective amendment). In addition, we or selling securityholders may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus and an applicable prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

In connection with the sale of the securities, underwriters, dealers or agents may be deemed to have received compensation from us or selling securityholders in the form of underwriting discounts or commissions and also may receive commissions from securities purchasers for whom they may act as agent. Underwriters may sell the securities to or through dealers, and the dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agent.

We or selling securityholders will provide in the applicable prospectus supplement information regarding any underwriting discounts or other compensation that we or selling securityholders pay to underwriters or agents in

connection with the securities offering, and any discounts, concessions or commissions that underwriters allow to dealers. Underwriters, dealers, agents and selling securityholders participating in the securities distribution may be deemed to be underwriters, and any discounts, commissions or concessions they receive and any profit they realize on the resale of the securities may be deemed to be underwriting discounts and commissions under the Securities Act. Underwriters and their controlling persons, dealers and agents may be entitled, under agreements entered into with us or selling securityholders, to indemnification against and contribution toward specific civil liabilities, including liabilities under the Securities Act. Some of the underwriters, dealers or agents who participate in the securities distribution may engage in other transactions with, and perform other services for, us in the ordinary course of business.

Our common stock is currently listed on The Nasdaq Global Market, but any other securities may or may not be listed on a national securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than were sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option, if any. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

LEGAL MATTERS

Fenwick & West LLP, San Francisco, California will issue an opinion about certain legal matters with respect to the securities. Counsel representing any underwriters, dealers or agents will be named in the applicable prospectus supplement.

EXPERTS

Ernst & Young LLP, independent registered public accounting firm, has audited our consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2023, and the effectiveness of our internal control over financial reporting as of December 31, 2023, as set forth in their reports, which are incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on Ernst & Young LLP's reports, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities offered hereby. This prospectus, which constitutes a part of the registration statement, does not contain all of the information set forth in the registration statement, the exhibits filed therewith or the documents incorporated by reference therein. For further information about us and the securities offered hereby, reference is made to the registration statement, the exhibits filed therewith and the documents incorporated by reference therein. Statements contained in this prospectus regarding the contents of any contract or any other document that is filed as an exhibit to the registration statement are not necessarily complete, and in each instance, we refer you to the copy of such contract or other document filed as an exhibit to the registration statement.

We are subject to the informational requirements of the Exchange Act, and are required to file annual, quarterly and other reports, proxy statements and other information with the SEC. The SEC maintains an Internet site (http://www.sec.gov) that contains reports, proxy and information statements, and various other information about us. You may access, free of charge, our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and any amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after such each such report is electronically filed with, or furnished to, the SEC.

Information about us is also available on our website at www.veracyte.com. However, the information on our website is not a part of this prospectus and is not incorporated by reference into this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

INCORPORATION OF INFORMATION BY REFERENCE

The SEC permits us to "incorporate by reference" the information contained in documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents rather than by including them in this prospectus. Information that is incorporated by reference is considered to be part of this prospectus and you should read it with the same care that you read this prospectus. Later information that we file with the SEC will automatically update and supersede the information that is either contained, or incorporated by reference, in this prospectus, and will be considered to be a part of this prospectus from the date those documents are filed. We have filed with the SEC, and incorporate by reference in this prospectus:

- our Annual Report on Form 10-K for the year ended <u>December 31, 2023</u>, filed with the SEC on February 29, 2024;
- our Current Reports on Form 8-K filed with the SEC on <u>February 6, 2024</u>, and <u>February 13, 2024</u>, (except that any portions thereof which are furnished and not filed shall not be deemed incorporated); and
- the description of our common stock contained in our registration statement on <u>Form 8-A</u> filed with the SEC on October 28, 2013 under Section 12 of the Exchange Act, including any amendment or report filed for the purposes of updating such description, including <u>Exhibit</u> 4.2 to our Annual Report on Form 10-K for the year ended <u>December 31, 2023</u>, filed with the SEC on February 29, 2024.

We also incorporate by reference all additional documents that we file with the SEC under the terms of Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus and prior to the termination of the offering of the securities hereunder. We are not, however, incorporating, in each case, any documents or information that we are deemed to furnish and not file in accordance with SEC rules.

You may request a copy of any or all of the documents incorporated by reference but not delivered with this prospectus, at no cost, by writing or telephoning us at the following address and number: Investor Relations, Veracyte, Inc., 6000 Shoreline Court, Suite 300, South San Francisco, California 94080, telephone (650) 243-6300. We will not, however, send exhibits to those documents, unless the exhibits are specifically incorporated by reference in those documents. See the section of this prospectus entitled "Where You Can Find More Information" for information concerning how to obtain copies of materials that we file with the SEC.

CALCULATION OF FILING FEE TABLE

424B7

(Form Type)

VERACYTE, INC.

(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation Rule	Amount Registered ⁽¹⁾	Maximum Proposed Offering Price Per Share ⁽²⁾	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Fees to be Paid		Common Stock, par value \$0.001						
	Equity	per share	457(c)	1,681,384	\$22.75	\$38,251,486	0.00014760	\$5,645.92
	Total Offering Amount				\$38,251,486			
	Total Fees Previously Paid							
	Total Fee Offsets							
	Net Fee Due						\$5,645.92	

- (1) Represents shares offered by the selling stockholder identified in this prospectus supplement. Includes an indeterminable number of additional shares of common stock that, pursuant to Rule 416 under the Securities Act of 1933, as amended, or the Securities Act, may be issued to prevent dilution from stock splits, stock dividends or similar transactions that could affect the shares to be offered by the selling stockholder.
- (2) Estimated solely for the purpose of calculating the amount of the registration fee pursuant to Rule 457(c) under the Securities Act, based upon the average of the high and low prices of the registrant's common stock as reported on the Nasdaq Global Market on February 26, 2024, which was \$22.75.