UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 03, 2024

SAB BIOTHERAPEUTICS, INC.

(Exact name of Registrant as Specified in Its Charter)

Delaware	**001-39871**	**85-3899721**
(State or Other Jurisdiction of Incorporation)	**(Commission File Number)**	**(IRS Employer Identification No.)**

777 W 41st St **Suite 401** **Miami Beach, Florida**	**33140**
(Address of Principal Executive Offices)	**(Zip Code)**

Registrant's Telephone Number, Including Area Code: 305 845-2813

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, $0.0001 par value per share	SABS	The Nasdaq Stock Market LLC
Warrants, each exercisable for one share of Common Stock	SABSW	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On May 3, 2024, the Nominating and Corporate Governance Committee (the "Committee") of the Board of Directors (the "Board") of SAB Biotherapeutics, Inc., a Delaware corporation (the "Company"), recommended the appointment of, and the Board subsequently appointed, Dr. Jay S. Skyler to serve as a Class I director of the Company, effective as of May 3, 2024, and to serve until the Company's 2025 annual meeting of stockholders or until Dr. Skyler's successor is duly elected and qualified. There is no arrangement or understanding between Dr. Skyler and any other person pursuant to which Dr. Skyler was selected as a director of the Company and there is no family relationship between Dr. Skyler and any of the Company's directors or executive officers. The Company is not aware of any transaction involving Dr. Skyler which would require disclosure under Item 404(a) of Regulation S-K promulgated under the Securities Act of 1933, as amended (the "Securities Act"). Dr. Skyler will receive compensation similar to the other non-employee members of the Board as described in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, as filed with the Securities and Exchange Commission on March 29, 2024.

Dr. Skyler, M.D., MACP, FRCP, 77, is a Professor of Medicine, Pediatrics and Psychology and Deputy Director of the Diabetes Research Institute at the University of Miami in Florida, where he has been employed since 1976. Dr. Skyler has also served as Study Chairman for the National Institute of Diabetes & Digestive & Kidney Diseases Type 1 Diabetes clinical trials network. He was previously the President of the American Diabetes Association and Vice-President of the International Diabetes Federation. Dr. Skyler served as a director of Amylin Pharmaceuticals, Inc., a pharmaceutical company, until its acquisition by Bristol-Myers Squibb Company in August 2012, and served as a director of MiniMed, Inc., a medical device company, until its acquisition by Medtronic plc. in 2001. From 2002 to 2023, Dr. Skyler served on the board of directors of DexCom, Inc. (NASDAQ: DXCM), a publicly traded medical device company. Dr. Skyler has served on the board of directors of Applied Therapeutics, Inc. (NASDAQ: APLT), a publicly-traded clinical-stage biopharmaceutical company, since April 2019. Dr. Skyler received his B.S. from The Pennsylvania State University, and his M.D. from Jefferson Medical College. We believe that Dr. Skyler's extensive expertise in the life sciences industry and his experience serving on the board of directors of other public companies qualifies him to serve on our board of directors.

Item 7.01 Regulation FD Disclosure.

On May 6, 2024, the Company issued a press release, a copy of which is filed herewith as Exhibit 99.1, announcing the appointment of Dr. Skyler. The information set forth in this Item 7.01 and in Exhibit 99.1 is furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section. The information in this Item 7.01 and in Exhibit 99.1 shall not be deemed to be incorporated by reference into any filing of the Company under the Securities Act, or the Exchange Act, whether made before or after the date hereof, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

Exhibit Number	Description
99.1	Press Release of the Company, dated May 6, 2024
104	Cover Page Interactive Data File-the cover page XBRL tags are embedded within the Inline XBRL document.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SAB Biotherapeutics, Inc.

Date: May 7, 2024

By: */s/ Samuel J. Reich*

Samuel J. Reich
Chief Executive Officer

Exhibit 99.1

SAB Biotherapeutics Appoints Jay Skyler, MD, to the Board of Directors

MIAMI, May 06, 2024 (GLOBE NEWSWIRE) – SAB Biotherapeutics (Nasdaq: SABS) (the "Company" or "SAB"), a clinical-stage biopharmaceutical company with a novel immunotherapy platform developing a human anti-thymocyte immunoglobulin (hIgG) for delaying the onset or progression of type 1 diabetes (T1D), today announced that Jay Skyler, MD, MACP, FRCP has been appointed to the company's Board of Directors.

"Dr. Skyler's appointment to our Board of Directors is a major milestone for SAB," said Samuel J. Reich, SAB's chairman and Chief Executive Officer. "His deep expertise in type 1 diabetes research and leadership in the field will provide insights that will be invaluable to our SAB-142 program. Speaking on behalf of the Board, we are honored to add Dr. Skyler to the Board of Directors and look forward to his contributions as we continue to advance a disease-modifying therapy."

"I look forward to a future where we may delay the onset or progression of type 1 diabetes, and I'm optimistic about SAB's potential role in that milestone with the novel approach of SAB-142," noted Dr. Skyler of his appointment. "Disease modification is a nascent but critically important field, particularly in type 1 diabetes where prevention of immune destruction and preservation of beta cell mass or function are both considered ideal therapeutic goals."

Dr. Skyler's career in diabetes spans more than five decades, and he is currently a Professor of Medicine, Pediatrics, & Psychology, in the Division of Endocrinology Diabetes & Metabolism, Department of Medicine, University of Miami Leonard M. Miller School of Medicine, Miami, Florida, where he served as Director of that Division from 2000 to 2004. From 1993 until 2015, he was Chairman of the NIH (NIDDK)-sponsored Diabetes Prevention Trial - Type 1 (DPT-1) and its successor Type 1 Diabetes TrialNet, a nationwide (and global) network conducting clinical trials to interdict type 1 diabetes.

He is Deputy Director for Clinical Research and Academic Programs at the Diabetes Research Institute, University of Miami, where he previously was Area Leader for Immunomodulation and Tolerance. He also is a Member of the University of Miami Interdisciplinary Stem Cell Institute.

A native of Philadelphia, Dr. Skyler is a graduate of Pennsylvania State University and Jefferson Medical College, and did his postgraduate training in Internal Medicine and in Endocrinology & Metabolism at Duke University Medical Center.

About SAB-142

SAB-142 is a human alternative to rabbit anti-thymocyte globulin (ATG). SAB-142's mechanism of action is analogous to that of rabbit ATG, which has been clinically validated in multiple clinical trials T1D, demonstrating the ability to slow down disease progression in patients with new or recent onset of Stage 3 type 1 diabetes.

Two clinical trials have shown that a single, low dose of rabbit ATG has demonstrated the ability to modulate the body's immune response to help slow beta cell destruction and preserve the ability of these cells to generate insulin, which the body needs to regulate blood sugar and carry out all human activities.

SAB-142, like rabbit ATG, directly targets multiple immune cells involved in destroying pancreatic beta cells. By stopping immune cells from attacking beta cells, this treatment has potential to preserve insulin-producing beta cells. However, most humans treated with rabbit ATG develop serum sickness and anti-drug antibodies from exposure to the rabbit-derived antibody. SAB-142 is a human antibody, intended to allow safe, consistent re-dosing for type 1 diabetes, a lifelong chronic disease, without the potential risk of inducing the major adverse immune reactions that can occur with administration of an animal ATG.

About SAB Biotherapeutics, Inc.

SAB Biotherapeutics (SAB) is a clinical-stage biopharmaceutical company focused on developing human, multi- targeted, high-potency immunoglobulins (IgGs), without the need for human donors or convalescent plasma, to treat and prevent

immune and autoimmune disorders. The Company's lead asset, SAB-142, targets T1D with a disease-modifying therapeutic approach that aims to change the treatment paradigm by delaying onset and potentially preventing disease progression. Using advanced genetic engineering and antibody science to develop Transchromosomic (Tc) Bovine™, the only transgenic animal with a human artificial chromosome, SAB's DiversitAb™ drug development production system is able to generate a diverse repertoire of specifically targeted, high-potency, human IgGs that can address a wide range of serious unmet needs in human diseases without the need for convalescent plasma or human donors. For more information on SAB, visit: https://www.SAB.bio/ and follow SAB on Twitter and LinkedIn.

Forward-Looking Statements

Certain statements made in this current report that are not historical facts are forward-looking statements for purposes of the safe harbor provisions under The Private Securities Litigation Reform Act of 1995. Forward-looking statements generally are accompanied by words such as "believe," "may," "will," "to be," "estimate," "continue," "anticipate," "intend," "expect," "should," "would," "plan," "predict," "potential," "seem," "seek," "future," "outlook," and similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding future events, including, the impact members of SAB's leadership team will have on the Company's business and results of operations, and the development and efficacy of our T1D program and other discovery programs.

These statements are based on the current expectations of SAB and are not predictions of actual performance, and are not intended to serve as, and must not be relied on, by any investor as a guarantee, prediction, definitive statement, or an assurance, of fact or probability. These statements are only current predictions or expectations, and are subject to known and unknown risks, uncertainties and other factors which may be beyond our control. Actual events and circumstances are difficult or impossible to predict, and these risks and uncertainties may cause our or our industry's results, performance, or achievements to be materially different from those anticipated by these forward-looking statements. A further description of risks and uncertainties can be found in the sections captioned "Risk Factors" in our most recent annual report on Form 10-K, subsequent quarterly reports on Form 10-Q, as may be amended or supplemented from time to time, and other filings with or submissions to, the U.S. Securities and Exchange Commission, which are available at https://www.sec.gov/. Except as otherwise required by law, SAB disclaims any intention or obligation to update or revise any forward-looking statements, which speak only as of the date they were made, whether as a result of new information, future events, or circumstances or otherwise.

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