SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 14C INFORMATION

INFORMATION STATEMENT PURSUANT TO SECTION 14(C) OF THE SECURITIES EXCHANGE ACT OF 1934

X	Preliminary Information Statement
	Confidential, for Use of the Commission Only (as permitted by Rule 14c-5(d)(2))
	Definitive Information Statement
	Mustang Bio, Inc. (Name of Registrant as Specified in its Charter)
Paymer	nt of Filing Fee (Check the appropriate box):
X	No fee required.
	Fee paid previously with preliminary materials.
	Fee computed on table in exhibit required by Item 25(b) of Schedule 14A (17 CFR 240.14a-101) per Item 1 of this Schedule and Exchange Act Rules 14c-5(g) and 0-1



NOTICE OF STOCKHOLDER ACTION BY WRITTEN CONSENT THIS INFORMATION STATEMENT IS BEING PROVIDED TO THE STOCKHOLDERS OF MUSTANG BIO, INC.

WE ARE NOT ASKING YOU FOR A PROXY AND YOU ARE REQUESTED NOT TO SEND US A PROXY.

GENERAL INFORMATION

This Notice and the accompanying Information Statement (the "Information Statement") are being furnished by Mustang Bio, Inc., a Delaware corporation ("Mustang," "we," "our," "us," or the "Company"), to the holders of shares of our common stock, par value \$0.0001 per share, to inform you that, on February 19, 2025, the holders of a majority in voting power of issued and outstanding shares of our common stock and issued and outstanding shares of our Class A Preferred Stock, par value \$0.0001 (together, the "Majority Holders"), approved, by written consent in lieu of a meeting (the "Written Consent") the issuance of an aggregate of up to 5,475,082 shares of our common stock underlying certain outstanding warrants issued by us pursuant to (A) that certain previously disclosed Securities Purchase Agreement, dated as of February 5, 2025 (the "Purchase Agreement"), by and among the Company and certain accredited investors signatory thereto (the "Investors"), and (B) that certain previously disclosed engagement letter, dated as of October 23, 2024 (the "Engagement Letter," and together with the Purchase Agreement, the "Agreements"), with H.C. Wainwright & Co., LLC (the "Placement Agent," and together with the Investors, the "Holders"), in an amount equal to or in excess of 20% of the number of shares of common stock outstanding immediately prior to the issuance of such warrants (collectively, the "Warrant Share Issuance"), as described in further detail in the Information Statement.

The accompanying Information Statement is being furnished only to inform stockholders in accordance with Rule 14c-2 promulgated under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), of the actions taken by Written Consent described in the Information Statement before the Warrant Share Issuance takes effect. We are also furnishing the Information Statement to our stockholders in satisfaction of the notice requirement under Section 228 of the General Corporation Law of the State of Delaware ("DGCL"). Because the Written Consent of the Majority Holders satisfies all applicable stockholder voting requirements, the Board is not soliciting your proxy or consent in connection with the matters discussed above. You are urged to read the Information Statement carefully and in its entirety for further information regarding the Warrant Share Issuance.

This Information Statement is first being mailed to you on or about 20th day after this definitive information statement is mailed to our stockholders.

Check the appropriate box:

, 2025. The approval of the Warrant Share Issuance will become effective on the $\,$

This is not a notice of special meeting of stockholders and no stockholder meeting will be held to consider any matter which is described herein. We are not asking you for a consent or proxy and you are requested not to send us a consent or proxy.

, 2025

By Order of the Board of Directors,

Manuel Litchman, M.D.

President, Chief Executive Officer and Interim Chief Financial Officer

MUSTANG BIO, INC.

95 Sawyer Road, Suite 110 Waltham, MA 02453

INFORMATION STATEMENT PURSUANT TO SECTION 14(C) OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED

This Information Statement (this "Information Statement") is being mailed to the holders of record at the close of business on February 19, 2025 (the "Record Date") of the shares of common stock, par value \$0.0001 per share, of the Company, in connection with the actions taken by written consent of the Majority Holders in lieu of a meeting to approve the actions described in this Information Statement.

The Majority Holders, beneficially owning 131,052 shares of our issued and outstanding common stock and 250,000 shares of our issued and outstanding Class A Preferred Stock, have executed the Written Consent approving the Warrant Share Issuance. The Majority Holders held of record on the Record Date approximately 56% of the voting power necessary to approve the proposed Warrant Share Issuance. Dissenting stockholders do not have any statutory appraisal rights as a result of the actions taken. The Board does not intend to solicit any proxies or consents from any other stockholders in connection with this action. All necessary corporate approvals have been obtained, and this Information Statement is furnished solely to advise stockholders of the action taken by the Written Consent.

Section 228 of the DGCL generally provides in substance that unless a company's certificate of incorporation provides otherwise, stockholders may take any action without a meeting of stockholders, without prior notice and without a vote if a consent or consents in writing, setting forth the action so taken, is signed by holders of the outstanding stock having not less than the minimum number of votes that would be necessary to authorize and take such action at a meeting at which all shares entitled to vote thereon were present voted. In order to eliminate the costs and management time involved in obtaining proxies and to effect the above action as early as possible in order to accomplish the purposes of the Company as herein described, the Board determined to pursue stockholder action by written consent and successfully obtained written consent of the Majority Holders.

This Information Statement is being distributed pursuant to the requirements of the Exchange Act to our stockholders of record on the Record Date. The Warrant Share Issuance will not become effective before the date which is 20 days after this Information Statement is first mailed to our stockholders. The 20-day period is expected to conclude on or about , 2025.

The entire cost of furnishing this Information Statement will be borne by the Company. We will request brokerage houses, nominees, custodians, fiduciaries and other like parties to forward this Information Statement to the beneficial owners of the common stock held of record by them and will reimburse such persons for their reasonable charges and expenses in connection therewith.

THE ATTACHED MATERIAL IS FOR INFORMATIONAL PURPOSES ONLY.

NO VOTE OR OTHER CONSENT OF OUR STOCKHOLDERS IS SOLICITED IN CONNECTION WITH THIS INFORMATION STATEMENT. WE ARE NOT ASKING YOU FOR A PROXY AND YOU ARE REQUESTED NOT TO SEND US A PROXY.

FORWARD-LOOKING INFORMATION

This Information Statement and other reports that we file with the Securities and Exchange Commission (the "SEC") contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Exchange Act, which are often indicated by terms such as "anticipate," "believe," "could," "estimate," "expect," "goal," "intend," "look forward to," "may," "plan," "potential," "project," "should," "will," "would" and similar terms, variations of such terms or the negative of such terms. These statements are only predictions and involve known and unknown risks, uncertainties and other factors, including those risks discussed elsewhere herein. All forward-looking statements included in this document are based on information available to us on the date hereof, and we assume no obligation to update any such forward-looking statements. Our business and financial performance are subject to substantial risks and uncertainties. Actual results could differ materially from those projected in the forward-looking statements.

RECORD DATE AND VOTE REQUIRED

The close of business on February 19, 2025 has been fixed as the Record Date. As of February 19, 2025, we had (i) 1,910,131 shares of our common stock outstanding and entitled to vote, (ii) 845,385 shares of our Class A common stock, par value \$0.0001 per share ("Class A Common Stock"), outstanding and entitled to vote, and (iii) 250,000 shares of our Class A Preferred Stock outstanding and entitled to vote. Each share of common stock and Class A Common Stock is entitled to one vote on each matter to be voted upon at a meeting or via written consent.

Each share of Class A Preferred Stock is entitled to the number of votes that is equal to one and one-tenth times a fraction, the numerator of which is the sum of (A) the shares of outstanding common stock and (B) the whole shares of common stock into which the shares of outstanding Class A Common Stock and Class A Preferred Stock are convertible and the denominator of which is the number of shares of outstanding Class A Preferred Stock. As of the Record Date, there were a total of 4,014,008 votes outstanding (1,910,131 common stock votes plus 1,127 Class A Common Stock votes plus 2,102,750 Class A Preferred Stock votes).

Pursuant to Section 228 of the DGCL, unless otherwise provided in the certificate of incorporation, any corporate action required to be taken at a meeting of stockholders may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by stockholders having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all members having a right to

vote thereon were present and voted. The Majority Holders, who held in the aggregate the equivalent of 2,233,802 votes, or approximately 56% of the voting equity of the Company, voted in favor of the Warrant Share Issuance by executing the Written Consent in lieu of a meeting in accordance with our Bylaws and the DGCL. The Written Consent is sufficient under the DGCL and our Bylaws to approve and adopt the actions described in this Information Statement. Consequently, no further stockholder action is required.

WARRANT SHARE ISSUANCE

On February 5, 2025, the Company commenced a best efforts public offering (the "Offering"), and in connection with the Offering, entered into the Purchase Agreement with the Investors, pursuant to which the Company agreed to issue (i) Series C-1 warrants to the Investors (the "Series C-1 Warrants") to purchase up to an aggregate of 2,657,807 shares of common stock (the "Series C-1 Warrant Shares"), and (ii) Series C-2 warrants to the Investors (the "Series C-2 Warrants") to purchase up to an aggregate of 2,657,807 shares of common stock (the "Series C-2 Warrant Shares"). Pursuant to the Engagement Letter with the Placement Agent, in connection with the Offering, the Company also issued warrants to the Placement Agent or its designees (the "Placement Agent Warrants, and together with the Series C-1 Warrant Shares of common stock (the "Placement Agent Warrant Shares," and together with the Series C-1 Warrant Shares and the Series C-2 Warrant Shares, the "Warrant Shares, the "Warrant Shares," the "Warrant Shares").

The Series C-1 Warrants and Series C-2 Warrants have an exercise price of \$3.01 per share and will become exercisable upon the effective date of approval of the Warrant Share Issuance (the "Warrant Stockholder Approval"). The Series C-1 Warrants will expire five years from the Warrant Stockholder Approval and the Series C-2 Warrants will expire twenty-four months from the Warrant Stockholder Approval. The Placement Agent Warrants will become exercisable upon the Warrant Stockholder Approval, have an exercise price of \$3.7625, and will terminate on the five-year anniversary of commencement of sales in the Offering.

The closing of the transactions contemplated pursuant to the Purchase Agreement occurred on February 10, 2025. The Company received net proceeds of approximately \$6.9 million from the Offering, after deducting the fees and expenses of the Placement Agent and other offering expenses payable by the Company. The Company intends to use the net proceeds from the Offering for working capital and general corporate purposes.

The Company engaged the Placement Agent to act as its exclusive placement agent in connection with the Offering and paid the Placement Agent (i) a cash fee equal to 7.0% of the aggregate gross proceeds raised in the Offering, (ii) a management fee equal to 1.0% of the aggregate gross proceeds raised in the Offering, (iii) up to \$100,000 for fees and expenses of the Placement Agent's counsel and other out of pocket expenses, (iv) a non-accountable expense allowance of \$25,000, (v) up to \$3,500 for road show expenses, and (vi) \$15,950 for the clearing expenses.

The Series C-1 Warrants, the Series C-2 Warrants, the Series C-2 Warrants, the Series C-2 Warrants Shares, the Placement Agent Warrants and the Placement Agent Warrant Shares were offered by the Company pursuant to a Registration Statement on Form S-1 originally filed on January 15, 2025, as amended (including the prospectus forming a part of such Registration Statement), with the SEC under the Securities Act (File No. 333-284299), and declared effective by the SEC on February 5, 2025.

Effect of the Issuance of the Warrant Shares

The potential issuance of the Warrant Shares would result in a substantial and significant increase in the number of shares of our common stock outstanding, and our stockholders will incur substantial dilution of their percentage ownership to the extent that the Holders of the Warrants exercise their Warrants.

Reasons for Stockholder Approval of the Warrant Share Issuance

Nasdaq Listing Rule 5635(d) requires us to obtain stockholder approval, prior to the issuance of securities, of a transaction other than a public offering involving the sale, issuance or potential issuance by us of shares of our common stock (or securities convertible into or exercisable for our common stock) in an amount equal to 20% or more of the Company's outstanding common stock or voting power outstanding immediately before the issuance will be sold at a price less than (i) the Nasdaq Official Closing Price immediately preceding the signing of the binding agreement in connection with such transaction or (ii) the average Nasdaq Official Closing Price of the common stock (as reflected on Nasdaq.com) for the five trading days immediately preceding the signing of such binding agreement (the "Minimum Price"). In the case of the Offering, the 20% threshold is determined based on the number of shares of our common stock outstanding immediately preceding the issuance of the Warrants in the Offering.

Prior to the Offering, we had 1,295,338 shares of common stock issued and outstanding on February 5, 2025. Therefore, the potential issuance of 5,475,082 Warrant Shares will constitute greater than 20% of the shares of common stock outstanding immediately prior to the execution of the Purchase Agreement.

Additionally, under the terms of the Purchase Agreement, we agreed to seek approval as may be required by the applicable rules and regulations of the Nasdaq Stock Market LLC (or any successor entity) from the stockholders of the Company with respect to the issuance of the Warrant Shares upon the exercise of the Warrants.

Approval of the Issuance of the Warrant Shares

We obtained stockholder approval from the Majority Holders by Written Consent to comply with Nasdaq Listing Rule 5635(d) for the sale, issuance or potential issuance by us of shares of our common stock (or securities exercisable for our common stock) in excess of 20% of the shares of common stock outstanding immediately prior to the execution of the Purchase Agreement.

We cannot predict whether or when the Holders will exercise their Warrants. For these reasons, we are unable to accurately forecast or predict with any certainty the total amount of Warrant Shares that may ultimately be issued. Under certain circumstances, however, it is possible, that we will issue more than 20% of our outstanding shares of common stock to the Holders. Therefore, we sought stockholder approval from the Majority Holders to issue more than 20% of our outstanding shares of common stock, if necessary, to the Holders.

Any transaction requiring approval by our stockholders under Nasdaq Listing Rule 5635(d) would likely result in a significant increase in the number of shares of our common stock outstanding, and, as a result, our current stockholders will own a smaller percentage of our outstanding shares of common stock.

Further Information

The terms of the Agreements and Warrants are only briefly summarized above. For further information, please refer to the full text of the Purchase Agreement, form of Series C-1 and C-2 Warrant and form of Placement Agent Warrant, copies of which were filed with the SEC as exhibits to our Current Report on Form 8-K on February 11, 2025, and are incorporated herein by reference. The discussion herein is qualified in its entirety by reference to the filed documents. We will furnish without charge to you a

copy of any or all of the documents incorporated by reference, including exhibits to these documents, upon written or oral request. Direct your written request to: Corporate Secretary, Mustang Bio, Inc., 95 Sawyer Road, Suite 110, Waltham, Massachusetts 02453, or (781) 652-4500.

No Appraisal Rights

Under the DGCL, stockholders are not entitled to appraisal rights with respect to the authorization of the Warrant Share Issuance.

INTEREST OF CERTAIN PERSONS IN MATTERS TO BE ACTED UPON

None of our directors, executive officers or any associate of a director or executive officer has a substantial interest, direct or indirect, by security holdings or otherwise, in any matter described in this Information Statement.

SECURITIES OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table shows information, as of February 19, 2025, concerning the beneficial ownership of our common stock by:

- each person we know to be the beneficial owner of more than 5% of our common stock;
- each of our current directors;
- each of our Named Executive Officers ("NEOs"); and
- all current directors and NEOs as a group.

As of February 19, 2025, there were 1,910,131 shares of our common stock, 845,385 shares of our Class A Common Stock, and 250,000 shares of our Class A Preferred Stock outstanding. In order to calculate a stockholder's percentage of beneficial ownership, we include in the calculation those shares underlying options or warrants beneficially owned by that stockholder that are vested or that will vest within 60 days of February 19, 2025. Shares of restricted stock are deemed to be outstanding. Options or warrants held by other stockholders that are not attributed to the named beneficial owner are disregarded in this calculation. Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to the shares of our common stock. Unless we have indicated otherwise, each person named in the table below has sole voting power and investment power for the shares listed opposite such person's name, except to the extent authority is shared by spouses under community property laws.

C1

	o.	Shares Under Exercisable Options and Unvested Restricted	Total Shares	
Name of Beneficial Owner (1)	Shares owned	Stock Units (2)	Beneficially Owned	% of total CS
Michael S. Weiss (3)	991	Units (2)	991	*%
Manuel Litchman, M.D	1,524	1,005	2,529	*%
Lindsay A. Rosenwald, M.D (3)	1,008	1,005	1,008	*%
Neil Herskowitz	392	_	392	*%
David Jin	39	-	39	*%
Adam J. Chill	379	-	379	*0/0
Michael J. Zelefsky, M.D	379	-	379	*0/0
All current executive officers and directors as a group (7 persons)	4,712	1,005	5,717	*%
5% or Greater Stockholders:				
Fortress Biotech, Inc (4)	131,052	-	131,052	6.9%

^{*} Less than 1% of our common stock outstanding

- (1) The address of each of the directors and executive officers is c/o Mustang Bio, Inc., 95 Sawyer Road, Suite 110, Waltham,
 Massachusetts 02453, and the address of Fortress Biotech, Inc. is c/o Fortress Biotech, Inc., 1111 Kane Concourse, Suite 301, Bay Harbor Island, FL 33154.
- (2) Includes only options exercisable within 60 days of February 19, 2025 and unvested restricted stock units.
- (3) Includes 666 warrants issued by Fortress to each of Mr. Weiss and Dr. Rosenwald that cover shares of our common stock that are owned by Fortress. These do not represent equity compensation by us to either Mr. Weiss or Dr. Rosenwald.
- (4) Includes shares underlying 666 warrants issued to each of Mr. Weiss and Dr. Rosenwald, and excludes 250,000 of Class A Preferred Stock, which are convertible into 333 shares of common stock.

	Class A Common Stock Beneficially Owned	
·	Percentage	
Number of	of	
Shares and	Total	
Nature of	Class A	
Beneficial	Common	
Ownership	Stock	
845 385	100%	

(1) The address of City of Hope National Medical Center is 1500 East Duarte Road, Duarte, California 91010.

	Class A Preferred Stock Beneficially Owned	
		Percentage
	Number of	of
	Shares and	Total
	Nature of	Class A
	Beneficial	Preferred
Name and Address of Beneficial Owner ⁽¹⁾	Ownership	Stock
Fortress Biotech, Inc.	250,000	100%

(1) The address of Fortress Biotech Inc. is c/o Fortress Biotech, Inc., 1111 Kane Concourse, Suite 301, Bay Harbor Islands, Florida 33154.

ADDITIONAL INFORMATION

We file reports with the SEC on an annual basis using Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. The SEC maintains a website that contains annual, quarterly, and current reports, proxy statements, and other information that issuers (including us) file electronically with the SEC. The SEC's website address is www.sec.gov. You can also obtain copies of materials we file with the SEC from our Internet website found awww.mustangbio.com. Our common stock is listed on the Nasdaq Capital Market under the symbol "MBIO."

EFFECTIVE DATE

Pursuant to Rule 14c-2 under the Exchange Act, the above action to approve the Warrant Share Issuance will not be effective until a date at least 20 days after the date on which the definitive Information Statement has been mailed to the stockholders.

HOUSEHOLDING OF STOCKHOLDER MATERIALS

Some banks, brokers and other nominee record holders may be participating in the practice of "householding" information statements. This means that only one copy of this Information Statement may have been sent to multiple stockholders in your household. We will promptly deliver a separate copy of the Information Statement to you if you contact us at: Mustang Bio, Inc., 95 Sawyer Road, Suite 110, Waltham, Massachusetts 02453, Attn: Corporate Secretary. You may also contact us at (781) 652-4500.

If you want to receive separate copies of Information Statements in the future, or if you are receiving multiple copies and would like to receive only one copy for your household, you should contact your bank, broker, or other nominee record holder, or you may contact us at the above address or phone number.

MISCELLANEOUS MATTERS

The entire cost of furnishing this Information Statement will be borne by the Company. We will request brokerage houses, nominees, custodians, fiduciaries and other like parties to forward this Information Statement to the beneficial owners of the common stock held of record by them and will reimburse such persons for their reasonable charges and expenses in connection therewith. The Board has fixed the close of business on February 19, 2025 as the Record Date for the determination of stockholders who are entitled to receive this Information Statement.

This Information Statement is being mailed on or about

, 2025 to all stockholders of record as of the Record Date.

CONCLUSION

As a matter of regulatory compliance, we are sending you this Information Statement that describes the purpose and effect of the above actions. Your consent to the above action is not required and is not being solicited in connection with this action. This Information Statement is intended to provide our stockholders information required by the rules and regulations of the Exchange Act.

BY ORDER OF THE BOARD OF DIRECTORS

, 2025

By:

Manuel Litchman, M.D.

President, Chief Executive Officer and Interim Chief Financial Officer