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

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

filed by the Registrant		×
filed by a party other than the Registrant		
Check the appropriate box:		
☐ Preliminary Proxy Stateme	nt	
☐ Confidential, for Use of the	ne Commission Only (as permitted by Rule 14a-6(e)(2))	
☐ Definitive Proxy Statemen		
□ Definitive Additional Material	rials	
☐ Soliciting Material Pursuan	at to §240.14a-12	
	BIOMX INC. (Name of Registrant as Specified In Its Charter)	
	(Name of Person(s) Filing Proxy Statement, if Other Than The Registrant)	
Payment of Filing Fee (Check t	he appropriate box):	
No fee required.		
☐ Fee paid previously with p	reliminary materials.	
☐ Fee computed on table in e	xhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11	



BIOMX INC.

2025 Annual Meeting Vote by October 15, 2025 11:59 PM ET

BIOMX INC. 22 EINSTEIN ST., FLOOR 4 NESS ZIONA 7414003, ISRAEL



V78831-P37694

You invested in BIOMX INC. and it's time to vote!

You have the right to vote on proposals being presented at the Annual Meeting. This is an important notice regarding the availability of proxy materials for the stockholder meeting to be held on October 16, 2025.

Get informed before you vote

View the Notice and Proxy Statement online OR you can receive a free paper or email copy of the material(s) by requesting prior to October 2, 2025. If you would like to request a copy of the material(s) for this and/or future stockholder meetings, you may (1) visit www.ProxyVote.com, (2) call 1-800-579-1639 or (3) send an email to sendmaterial@proxyvote.com. If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.



For complete information and to vote, visit www.ProxyVote.com

Control #

Smartphone users

Point your camera here and vote without entering a control number





Vote Virtually at the Meeting*

October 16, 2025 8:00 AM Eastern Time

Virtually at: www.virtualshareholdermeeting.com/PHGE2025

^{*}Please check the meeting materials for any special requirements for meeting attendance.

THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming stockholder meeting. Please follow the instructions on the reverse side to vote these important matters.

ng Items	Board Recommen
To approve the election of three Class II directors to serve on the Company's Board of Directors until the 2028 annual meeting of stockholders or until their successors are duly elected and qualified. The Class II nominees are: 01) Susan Blum 02) Dr. Jesse Goodman 03) Gregory Merril	⊘ For
To authorize the Company's Board of Directors to amend the Certificate of Incorporation to effect one reverse stock split of the Company's outstanding Common Stock, \$0.0001 par value per share, at any ratio between at least 1-for-5 and less than 1-for-20 at such time as the Company's Board of Directors shall determine, in its sole discretion, any time before October 16, 2026.	⊘ For
To ratify the appointment of Kesselman & Kesselman, Certified Public Accountants (Isr.), a member firm of PricewaterhouseCoopers International Limited, as the independent registered public accounting firm of the Company for the fiscal year ending December 31, 2025.	⊘ For
To approve the adjournment or postponement of the Annual Meeting, if necessary, to continue to solicit votes for Proposals No. 1 through 3.	For
	To approve the election of three Class II directors to serve on the Company's Board of Directors until the 2028 annual meeting of stockholders or until their successors are duly elected and qualified. The Class II nominees are: 01) Susan Blum 02) Dr. Jesse Goodman 03) Gregory Merril To authorize the Company's Board of Directors to amend the Certificate of Incorporation to effect one reverse stock split of the Company's outstanding Common Stock, \$0.0001 par value per share, at any ratio between at least 1-for-5 and less than 1-for-20 at such time as the Company's Board of Directors shall determine, in its sole discretion, any time before October 16, 2026. To ratify the appointment of Kesselman & Kesselman, Certified Public Accountants (Isr.), a member firm of PricewaterhouseCoopers International Limited, as the independent registered public accounting firm of the Company for the fiscal year ending December 31, 2025. To approve the adjournment or postponement of the Annual Meeting, if necessary, to continue to solicit votes for

Prefer to receive an email instead? While voting on www.ProxyVote.com, be sure to click "Delivery Settings".