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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the Month of: September 2023

Commission File Number: 001-38428

PolyPid Ltd. (Translation of registrant's name into English)

18 Hasivim Street Petach Tikva 495376, Israel (Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

⊠ Form 20-F □ Form 40-F

CONTENTS

Attached hereto and incorporated herein is PolyPid Ltd.'s (the "Registrant") Notice of Meeting, Proxy Statement and Proxy Card for the Extraordinary General Meeting of Shareholders to be held on Monday, September 18, 2023 (the "Meeting").

Only shareholders of record who hold ordinary shares, no par value, of the Registrant at the close of business on September 5, 2023, will be entitled to notice of and to vote at the Meeting and any postponements or adjournments thereof.

The Report on Form 6-K is incorporated by reference into the Registrant's registration statements on <u>Form F-3</u> (File No. 333-257651) and Form S-8 (File No. <u>333-239517</u> and File No. <u>333-271060</u>), filed with the Securities and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

EXHIBIT INDEX

Exhibit No.	
99.1	Notice for the Extraordinary General Meeting to be held on September 18, 2023.
99.2	Proxy Statement for the Extraordinary General Meeting to be held on September 18, 2023.
99.3	Proxy Card for the Extraordinary General Meeting to be held on September 18, 2023.

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, thereunto duly authorized.

POLYPID LTD.

Date: September 1, 2023

By: /s/ Dikla Czaczkes Akselbrad Name: Dikla Czaczkes Akselbrad Title: Chief Executive Officer

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POLYPID LTD.

NOTICE OF EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS TO BE HELD ON SEPTEMBER 18, 2023

Notice is hereby given that an Extraordinary General Meeting of Shareholders (the "**Meeting**") of PolyPid Ltd. ("**PolyPid**" or the "**Company**") will be held on September 18, 2023 at 2:00 p.m. Israel time at the Company's office, located at 18 Hasivim Street, Petach Tikva 495376, Israel, for the following purpose:

1. To approve a reverse split of the Company's issued and outstanding ordinary shares at a ratio of between 1:10 and 1:30, to be effected, if effected, at the discretion of, and at such date to be determined by the board of directors, within 12 months of the Meeting.

Our board of directors (the "**Board of Directors**") recommends that you vote in favor of the proposed resolution, which is described in the attached proxy statement.

Shareholders of record at the close of business on September 5, 2023 (the "**Record Date**"), are entitled to notice of and to vote at the Meeting, either in person or by appointing a proxy to vote in their stead at the Meeting (as detailed below).

Shareholders may revoke their proxies or voting instruction form (as applicable) in accordance with Section 9 of the Israeli Companies Law, 5759-1999 regulations (proxy and positions statements) by filing with the Company (in the case of holders of ordinary shares) a written notice of revocation or duly executed proxy or voting instruction form (as applicable) bearing a later date.

A form of proxy for use at the Meeting, as attached to the proxy statement, together with a return envelope, will be sent to holders of the Company's ordinary shares, no par value (the "**Ordinary Shares**"). By appointing "proxies," shareholders may vote at the Meeting whether or not they attend. If a properly executed proxy in the attached form is received by the Company at least four (4) hours prior to the Meeting, all of the Ordinary Shares represented by the proxy shall be voted as indicated on the form. Subject to applicable law and the rules of the Nasdaq Stock Market, in the absence of instructions, the Ordinary Shares represented by properly executed and received proxies will be voted "FOR" all of the proposed resolutions to be presented at the Meeting for which the Board of Directors recommends a "FOR".

If your shares are registered directly in your name with our transfer agent, American Stock Transfer & Trust Company, LLC, you are considered, with respect to those shares, the shareholder of record. In such case, these proxy materials are being sent directly to you. As the shareholder of record, you have the right to use the proxy card included with this proxy statement to grant your voting proxy directly to Mr. Tal Vilnai, Secretary and General Counsel of the Company and Orna Blum, Assistant Secretary and Legal Counsel of the Company, or to vote in person at the Meeting.

If your shares are held through a bank, broker or other nominee, they are considered to be held in "street name" and you are the beneficial owner with respect to those shares. A beneficial owner as of the Record Date has the right to direct the bank, broker or nominee how to vote shares held by such beneficial owner at the Meeting, and must also provide the Company with a copy of their identity card, passport or certification of incorporation, as the case may be. If your shares were held in "street name," as of the Record Date, these proxy materials are being forwarded to you by your bank, broker or nominee who is considered, with respect to those shares, as the shareholder of record, together with a voting instruction card for you to use in directing the bank, broker or nominee how to vote your shares. You also may attend the Meeting. Because a beneficial owner is not a shareholder of record, you may not vote those shares directly at the Meeting unless you obtain a "legal proxy" from the bank, broker or other nominee that holds your shares directly, giving you the right to vote the shares at the Meeting. Brokers who hold shares in "street name" for clients typically have authority to vote on "routine" proposals even when they have not received instructions from beneficial owners. Proposal No. 1 on the agenda of the Meeting is considered routine. Therefore, it is important for a shareholder that holds Ordinary Shares through a bank or broker to instruct its bank or broker how to vote its shares, if the shareholder wants its shares to count for all proposals.

Sincerely,

Jacob Harel

Chairman of the Board of Directors

September 1, 2023

POLYPID LTD. PETACH TIKVA, ISRAEL

PROXY STATEMENT

EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS TO BE HELD ON SEPTEMBER 18, 2023

The enclosed proxy is being solicited by the board of directors (the "**Board of Directors**") of PolyPid Ltd. (the "**Company**") for use at the Company's extraordinary general meeting of shareholders (the "**Meeting**") to be held on September 18, 2023, at 2:00 p.m. Israel time, or at any adjournment or postponement thereof.

Upon the receipt of a properly executed proxy in the form enclosed, the persons named as proxies therein will vote the ordinary shares, no par value, of the Company (the "**Ordinary Shares**") covered thereby in accordance with the directions of the shareholders executing the proxy. In the absence of such directions, and except as otherwise mentioned in this proxy statement, the Ordinary Shares represented thereby will be voted in favor of the proposal described in this proxy statement.

Two or more shareholders present, personally or by proxy, holding in the aggregate not less than twenty five percent (25%) of the Company's outstanding Ordinary Shares, shall constitute a quorum for the Meeting. If within half an hour from the time the Meeting is convened a quorum is not present, the Meeting shall stand adjourned until 4:00 p.m. Israel time at the same day and same place (the "Adjourned Meeting"). At the Adjourned Meeting, if a quorum is not present within half an hour from the time appointed for such meeting, any number of shareholders present personally or by proxy shall be deemed a quorum, and shall be entitled to deliberate and to resolve in respect of the matters for which the Meeting was convened. Abstentions and broker non-votes are counted as Ordinary Shares present for the purpose of determining a quorum.

Pursuant to the Israeli Companies Law, 5759-1999 (the "**Companies Law**"), Proposal No. 1 described hereinafter requires the affirmative vote of shareholders present at the Meeting, in person or by proxy, and holding Ordinary Shares of the Company amounting in the aggregate to at least a majority of the votes actually cast by shareholders with respect to such proposals (a "**Simple Majority**").

One or more shareholders holding Ordinary Shares which reflect 5% or more of the Company's share capital and voting rights (2,468,524 shares) is entitled to examine the proxy and voting material.

It is noted that there may be changes on the agenda after publishing the proxy statement, and there may be position statements which can be published. Therefore, the most updated agenda will be furnished to the SEC on a Report on Form 6-K and will be made available to the public on the SEC's website at www.sec.gov.

PROPOSAL 1

APPROVAL OF A REVERSE SHARE SPLIT OF THE COMPANY'S ISSUED AND OUTSTANDING ORDINARY SHARES

Background

On August 30, 2023, the Board of Directors approved a framework for a potential reverse split of the Company's issued and outstanding Ordinary Shares at a ratio of between 1:10 and 1:30, to be effected, if effected, at the discretion of, and at such date to be determined by the Board of Directors within 12 months of the Meeting. Under the Company's articles of association, such resolution is subject to the approval of our shareholders.

General

We are therefore seeking approval of the shareholders to effect a potential reverse split of the Company's issued and outstanding Ordinary Shares at a ratio of between 1: 10 and 1: 30, such that, depending on the ratio, every 10 Ordinary Shares and up to 30 Ordinary Shares shall be converted into 1 Ordinary Share (the "**Reverse Split**"). If this Proposal 1 is approved by our shareholders, the Board of Directors will have the authority, at its own discretion, to determine if to implement the Reverse Split, and the exact ratio and the effective date of the Reverse Split, within 12 months of the Meeting.

Our Board believes that approval of a proposal providing our Board with this generalized grant of authority with respect to setting the Reverse Split ratio, rather than mere approval of a pre-defined reverse stock split, will give our Board the flexibility to set the ratio in accordance with current market conditions and therefore allow our Board to act in the best interests of the Company and our shareholders.

If the Reverse Split is implemented, the number of the issued and outstanding ordinary shares would be reduced in accordance with the Reverse Split ratio. The Reverse Split, if implemented, would not adjust the authorized share capital of the Company under our articles of association, which, as of the date hereof consist of 107,800,000 Ordinary Shares. In addition, if the Reverse Split is implemented, the exercise price and the number of ordinary shares issuable pursuant to outstanding options and warrants will be proportionately adjusted pursuant to the terms of the respective options and warrants in connection with the Reverse Split. Furthermore, upon completion of the Reverse Split, the number of Ordinary Shares available for issuance under our incentive plans shall be appropriately adjusted.

No fractional shares will be issued as a result of the Reverse Split. In accordance with our articles of association, all fractional shares will be rounded to the nearest whole Ordinary Share, such that only shareholders holding fractional consolidated shares of more than one half of one whole share shall be entitled to receive one consolidated share.

Upon the implementation of the Reverse Split, we intend to treat shares held by shareholders through a bank, broker, custodian or other nominee in the same manner as registered shareholders whose shares are registered in their names. Banks, brokers, custodians or other nominees will be instructed to effect the Reverse Split for their beneficial holders holding our Ordinary Shares in street name. However, these banks, brokers, custodians or other nominees may have different procedures than registered shareholders for processing the Reverse Split. Shareholders who hold our Ordinary Shares with a bank, broker, custodian or other nominee and who have any questions in this regard are encouraged to contact their banks, brokers, custodians or other nominees.

Therefore, it is proposed that the following resolution be adopted at the Meeting:

"RESOLVED, to approve a reverse share split of the Company's issued and outstanding ordinary shares at a ratio of between 1:10 and 1:30, such that, depending on the ratio, every 10 ordinary shares and up to 30 ordinary shares shall be converted into 1 ordinary share, to be effected, if effected, at the discretion of, and at such date to be determined by the board of directors, within 12 months of the Meeting, as set forth in the proxy statement."

The approval of this proposal, as described above, requires the affirmative vote of a Simple Majority.

The Board recommends a vote "FOR" the approval of the Reverse Split.



ADDITIONAL INFORMATION

The Company is subject to the informational requirements of the U.S. Securities Exchange Act of 1934, as amended (the "**Exchange Act**"), as applicable to foreign private issuers. Accordingly, the Company files reports and other information with the SEC. All documents which the Company files on the SEC's EDGAR system are available for retrieval on the SEC's website at http://www.sec.gov.

As a foreign private issuer, the Company is exempt from the rules under the Exchange Act prescribing certain disclosure and procedural requirements for proxy solicitations. In addition, the Company is not required under the Exchange Act to file periodic reports and financial statements with the SEC as frequently or as promptly as United States companies whose securities are registered under the Exchange Act. The Notice of the Extraordinary General Meeting of Shareholders and the proxy statement have been prepared in accordance with applicable disclosure requirements in the State of Israel.

YOU SHOULD RELY ONLY ON THE INFORMATION CONTAINED IN THIS PROXY STATEMENT OR THE INFORMATION FURNISHED TO YOU IN CONNECTION WITH THIS PROXY STATEMENT WHEN VOTING ON THE MATTERS SUBMITTED TO SHAREHOLDER APPROVAL HEREUNDER. THE COMPANY HAS NOT AUTHORIZED ANYONE TO PROVIDE YOU WITH INFORMATION THAT IS DIFFERENT FROM WHAT IS CONTAINED IN THIS DOCUMENT. THIS PROXY STATEMENT IS DATED SEPTEMBER 1 2023. YOU SHOULD NOT ASSUME THAT THE INFORMATION CONTAINED IN THIS DOCUMENT IS ACCURATE AS OF ANY DATE OTHER THAN SEPTEMBER 1, 2023, AND THE MAILING OF THIS DOCUMENT TO SHAREHOLDERS SHOULD NOT CREATE ANY IMPLICATION TO THE CONTRARY.

By Order of the Board of Directors

PolyPid Ltd. Jacob Harel, Chairman of the Board of Directors

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POLYPID LTD.

PROXY

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned hereby appoints Mr. Tal Vilnai, Secretary and General Counsel of PolyPid Ltd. (the "**Company**") and Ms. Orna Blum, Assistant Secretary and Legal Counsel of the Company, and each of them, agents and proxies of the undersigned, with full power of substitution to each of them, to represent and to vote on behalf of the undersigned all the Ordinary Shares of the Company which the undersigned is entitled to vote at the Extraordinary General Meeting of Shareholders (the "**Meeting**") to be held on September 18, 2023 at 2:00 p.m. Israel time, and at any adjournments or postponements thereof, upon the following matters, which are more fully described in the Notice of Extraordinary General Meeting of Shareholders and proxy statement relating to the Meeting.

This proxy, when properly executed, will be voted in the manner directed herein by the undersigned. If no direction is made with respect to any matter, this proxy will be voted FOR such matter. Any and all proxies heretofore given by the undersigned are hereby revoked.

(Continued and to be signed on the reverse side)

POLYPID LTD. EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS

Date of Meeting: September 18, 2023

PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE ⊠

1. To approve a reverse share split of the Company's issued and outstanding ordinary shares at a ratio of between 1:10 and 1:30, such that, depending on the ratio, every 10 ordinary shares and up to 30 ordinary shares shall be converted into 1 ordinary share, to be effected, if effected, at the discretion of, and at such date to be determined by the board of directors, within 12 months of the Meeting, as set forth in the proxy statement.

I	FOR		AGAINST	ABSTAIN
NAME		SIGNA	ATURE	DATE
NAME		SIGNA	ATURE	DATE

Please sign exactly as your name appears on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, trustee or guardian, please give full title as such. If the signed is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.