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 000-30902

COMPUGEN LTD.

(Translation of registrant's name into English)

26 Harokmim Street Holon 5885849, Israel (Address of Principal Executive Offices)

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

Form 20-F \boxtimes Form 40-F \square

Compugen Ltd.

On September 20, 2023, Compugen Ltd. (the "Company") held its 2023 Annual General Meeting of Shareholders (the "Meeting"). The Company filed the notice of the Meeting, the proxy statement and the proxy card with the Securities and Exchange Commission as Exhibit 99.1 to the Company's Report on Form 6-K on August 7, 2023 (File No. 000-30902), which is incorporated herein by reference. All proposals brought before the shareholders at the Meeting were approved by the requisite majority vote of the Company's shareholders.

The information contained in this Report on Form 6-K is hereby incorporated by reference into the Company's Registration Statement on Form F-3, as amended, File No. 333-270985.

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

COMPUGEN LTD.

Date: September 21, 2023

By: /s/ Eran Ben Dor

Eran Ben Dor General Counsel