# 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 of the Securities Exchange Act of 1934

For the month of April 2019

Commission File Number: 001-37643

**KITOV PHARMA LTD.** (Translation of registrant's name into English)

# One Azrieli Center, Round Tower,

Tel Aviv 6701101, Israel (Address of principal executive offices)
Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.
Form 20-F $\boxtimes$ Form 40-F $\square$
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Further to our Notice of Special General Meeting of the Shareholders of the Company to be held on Monday April 29, 2019, at 4:30 p.m. local Israeli time, at the offices of Kitov Pharma Ltd. (hereinafter, the "Registrant" or the "Company") at One Azrieli Center, Round Tower, 19<sup>th</sup> Floor, 132 Menachem Begin Road, Tel Aviv, Israel, and the Proxy Statement for the Meeting, which we previously published on our corporate website at <a href="http://kitovpharma.investorroom.com/Shareholder-Meetings">http://kitovpharma.investorroom.com/Shareholder-Meetings</a>, and which we also furnished to the SEC on Form 6-K, as well as submitted to the Israeli Securities Authority and Tel Aviv Stock Exchange, and made available on their respective websites for listed company reports: <a href="http://www.magna.isa.gov.il">www.magna.isa.gov.il</a> and <a href="http://www.magna.isa.gov.il">www.magna.isa.gov.il</a> and <a href="http://www.magna.isa.gov.il">www.magna.isa.gov.il</a> and wailable on their respective websites for listed company reports: <a href="http://www.magna.isa.gov.il">www.magna.isa.gov.il</a> and wailable on their respective websites for listed company reports: <a href="http://www.magna.isa.gov.il">www.magna.isa.gov.il</a> and <

ADS holders should return their BNY Mellon Voting Instruction Form for holders of our ADSs by no later than the date and time set forth on such Voting Instruction Form, namely by no later than 12:00 P.M.EST on April 23, 2019. Under the terms of the Depositary Agreement among the Company, BNY Mellon (which acts as the Depositary) and the holders of our ADSs, upon the written request of an owner of ADSs, as of the date of the request or, if a record date was specified by the Depositary, as of that record date, received by the Depositary on or before any instruction cutoff date established by the Depositary in its notices to ADS holders, the Depositary shall, endeavor, in so far as practicable, to vote or cause to be voted the number of deposited ordinary shares represented by those ADSs in accordance with the instructions set forth in that request. We have instructed the Depositary to disseminate a notice of the Meeting, and have given the Depositary notice of the Meeting, details concerning the matters to be voted upon and copies of materials to be made available to holders of ordinary shares in connection with the Meeting not less than 30 days prior to the Meeting date. The Depositary shall not vote or attempt to exercise the right to vote that attaches to the deposited ordinary shares other than (a) in accordance with instructions given by owners and received by the Depositary; or, (b) as provided in the following sentences. If no instructions are received by the Depositary from an owner of ADSs with respect to a matter and a number of ADSs of that owner on or before the instruction cutoff date set forth on the BNY Mellon Voting Instruction Form, the Depositary shall deem that owner to have instructed the Depositary to give a discretionary proxy to a person designated by us with respect to that matter and the number of ordinary shares of the Company represented by that number of ADSs, and the Depositary shall give a discretionary proxy to a person designated by us to vote that number of ordinary shares of the

Information contained on, or that can be accessed through, our website does not constitute a part of this Form 6-K, nor does it form part of the proxy solicitation materials in connection with the Meeting. We have included our website address in this Form 6-K solely as an inactive textual reference. We will post on our website any materials in connection with the Meeting required to be posted on such website under applicable corporate or securities laws and regulations.

This report on Form 6-K of the Registrant consists of the following documents, which are attached hereto and incorporated by reference herein:

Exhibit 99.1 Voting Instruction Form for holders of American Depositary Shares for April 29, 2019 Special General Meeting of the Shareholders of Kitov Pharma Ltd.

#### Forward-Looking Statements and Registrant's Safe Harbor Statement

Certain statements in this Report on Form 6-K are forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and other applicable securities laws. Forward-looking statements can be identified by the use of forward-looking words such as "believe", "expect", "intend", "plan", "may", "should", "could", "might", "seek", "target", "will", "project", "forecast", "continue" or "anticipate" or their negatives or variations of these words or other comparable words or by the fact that these statements do not relate strictly to historical matters. You should not place undue reliance on these forward-looking statements, which are not guarantees of future performance. Forward-looking statements reflect our current views, expectations, beliefs or intentions with respect to future events, and are subject to a number of assumptions, involve known and unknown risks, many of which are beyond our control, as well as uncertainties and other factors that may cause our actual results, performance or achievements to be significantly different from any future results, performance or achievements expressed or implied by the forward-looking statements. Any forward-looking statement in this Report of Form 6-K speaks only as of the date which it is made. We disclaim any intention or obligation to publicly update or revise any forward-looking statement, or other information contained herein, whether as a result of new information, future events or otherwise, except as required by applicable law. You are advised, however, to consult any additional disclosures we make in our reports to the SEC, which are available on the SEC's website, http://www.sec.gov

This Form 6-K, including Exhibit 99.1, is hereby incorporated by reference into each of the Registrant's Registration Statements on Form F-3 filed with the Securities and Exchange Commission on December 12, 2016 (Registration file numbers 333-207117, 333-211477 and 333-215037), the Registrant's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on May 20, 2016 (Registration file number 333-211478), the Registrant's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on June 6, 2017 (Registration file number 333-218538), the Registration Statement on Form F-3, as amended, originally filed with the Securities and Exchange Commission on July 16, 2018 (Registration file number 333-226195), and the Registrant's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on March 28, 2019 (Registration file number 333-230584).

## 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.

### KITOV PHARMA LTD.

April 1, 2019

/s/ Isaac Israel
Isaac Israel
CEO and Director

	Special General Meeting Shareholders of Kitov Pharm					
te:	April 29, 2019		•		Special General Meeting of Shareholders of	
	See Voting Instruction On Reverse Side.				Kitov Pharma Ltd.	
ase mak	ke your marks like this: 🗵 Use pen only				to be Held on April 29, 2019	
	T	For	Agains	st Abstain	for Holders as of March 20, 2019	
posar I:	To approve the transactions for the acquisition of FameWave and the ADS, warrant and option issuances by the Company to be made in connection with the Company is ransactions for the acquisition of FameWave and the concurrent investment in the Company by certain investors and shareholders of FameWave in a private placement, as set forth under Proposal 1 in the Proxy Statement.				• Mark, sign and date your Voting Instruction Form. • Detach your Voting Instruction Form. • Return your Voting Instruction Form in the	
posal 2:	To approve an increase in the number of ordinary shares reserved under Klov Ltd. 2016 Equity-Based Incentive Plan to 7,500,000 ordinary shares to qualify for incentive stock options for US Tax purposes, as set forth under Proposal 2 in the Proxy Statement.				All votes must be received by 12:00 p.m. E.T. April 23, 2019.  To review SGM related materials, including the full Proxy Statement, please visit: http://kitovpharma.investorroom.com/Shareholder-Meetings  PROXY TABULATOR FOR  KITOV PHARMA LTD.  P.O. BOX 8016  CARY, NC 27512-9903	
posal 3:	To approve the grant of equity-based incentive compensation to each director so named, as set forth under Proposal 3 in the Proxy Statement:				To review SGM related materials, including the full Proxy Statement, please visit:  ty  http://kitovpharma.investorroom.com/Shareholder-Meetings	
	3A: John Paul Waymack, M.D., Sc.D. Chairman of the Board of Directors and Chief Medical Officer				PROXY TABULATOR FOR KITOV PHARMA LTD. PO. BOX 8016	
	3B: Isaac Israel Chief Executive Officer and Director				G CARY, NC 27512-9903	
	<b>30:</b> Gil Ben-Menachem, Ph.D., MBA Vice President of Business Development and Director				perfora	
	3D: Simcha Rock, CPA, MBA Director				at the	
	3E: Steven Steinberg Independent Director				fully 2	
	3F: Ido Agmon, MBA Independent Director				• care	
	3G: Arye Weber Independent Director				parate	
	3H: Ran Tzror, CPA, MBA Independent Director				100	
	31: Revital Stern-Raff, CPA, MBA				→ Please	_
					EVENT #	
					CLIENT #	
	thorized Signatures - This section m mpleted for your instructions to be e					ı
-	Please Sign Here	_	Plea	ase Date Above		
-	Please Sign Here	-	Plea	ise Date Above	Copyright © 2019 Mediant Communications Inc. All Rights Reserved	

#### Kitov Pharma Ltd. Instructions to The Bank of New York Mellon, as Depositary (Must be received prior to 12:00 p.m. E.T. on April 23, 2019)

The undersigned registered owner of American Depositary Shares hereby requests and International International Control of Memora International Depositary Shares hereby requests and instructs The Bank of New York Mellon, as Depositary, to endeavor, in so far as practicable, to vote or cause to be voted the amount of Shares or other Deposited Securities represented by such Shares of Kitov Pharma Ltd. registered in the name of the undersigned on the books of the Depositary as of the close of business on March 20, 2019 at the Special General Meeting of Shareholders of Kitov Pharma Ltd. to be held on April 29, 2019, or any postponement or adjournment thereof in respect of the resolutions specified on the reverse.

- NOTES:

  1. Please direct the Depositary how it is to vote by placing an "X" in the appropriate box opposite each agenda item. It is understood that, if this form is signed and returned but no instructions are indicated in the boxes, then a discretionary proxy will be given to a person designated by the Company.
- 2. It is understood that, if this form is not signed and returned, the Depositary will deem such holder to have instructed the Depositary to give a discretionary proxy to a person designated by the Company.

(Continued and to be marked, dated and signed, on the other side)

PROXY TABULATOR FOR KITOV PHARMA LTD. P.O. BOX 8016 CARY, NC 27512-8903