UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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 2018 Commission File Number 001-37846

CELLECT BIOTECHNOLOGY LTD.

(Translation of registrant's name into English)

23 Hata'as Street Kfar Saba, Israel 44425

(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 x Form 40-F □

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(1): \Box

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(7): \Box

This Form 6-K is incorporated by reference into the registrant's Registration Statements on Form S-8 (Registration No. 333-214817, 333-220015 and 333-225003) and on Form F-3 (Registration No. 333-219614 and 333-212432).

On September 20, 2018, Cellect Biotechnology Ltd. (the "Company") announced that on October 25, 2018 it will hold at the offices of Doron, Tikotzky, Kantor, Gutman & Amit Gross, at B.S.R 4 Tower, 33 Floor, 7 Metsada Street, Bnei Brak, Israel an extraordinary general meeting to be held at 11:00 a.m. Israel time, or at any adjournment. In connection with the meeting, the Company furnishes the following documents:

- 1. A copy of the Notice and Proxy Statement with respect to the Company's Extraordinary General Meeting of Shareholders describing the proposal to be voted upon at the meeting, the procedure for voting in person or by proxy at the meeting and various other details related to the meeting, attached hereto as Exhibit 99.1;
- 2. A form of Proxy Card whereby holders of ordinary shares of the Company may vote at the meeting without attending in person, attached hereto as Exhibit 99.2;
- 3. A form of Voting Instruction Card whereby holders of ADSs of the Company may instruct Bank of New York Mellon to vote at the meeting without attending in person, attached hereto as Exhibit 99.3.

Exhibit Index

Exhibit No.	Description
99.1	Notice and Proxy Statement with respect to the Company's Extraordinary General Meeting of Shareholders
99.2	Proxy Card for holders of ordinary shares with respect to the Company's Extraordinary General Meeting of Shareholders
99.3	Voting Instruction Card for holders of the Company's ADS holders with respect to the Company's Extraordinary General Meeting of Shareholders
	1

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.

Cellect Biotechnology Ltd.

By: /s/ Eyal Leibovitz Name: Eyal Leibovitz Title: Chief Financial Officer

Date: September 20, 2018



CELLECT BIOTECHNOLOGY LTD. NOTICE OF EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS

Notice is hereby given that an Extraordinary General Meeting of Shareholders of Cellect Biotechnology Ltd. (the "Company") will be held at the offices of the Company's legal counsel – Doron, Tikotzky, Kantor, Gutman & Amit Gross, at B.S.R 4 Tower, 33rd Floor, 7 Metsada Street, Bnei Brak, on October 25, 2018 at 11.00 a.m. Israel time or at any postponement or adjournment thereof.

The extraordinary meeting is being called to elect Jonathan Burgin as an external director for a three-year term commencing on the date of his election at the extraordinary meeting.

The board of directors recommends that you vote in favor of the proposal, which is described in the attached Proxy Statement.

Shareholders and American Depositary Share (the "ADSs") holders of record at the close of business on September 27, 2018 (the "Record Date"), are entitled to notice of and to vote at the extraordinary meeting either in person or by appointing a proxy to vote in their stead at the extraordinary meeting.

Shareholders registered in the Company's shareholders' register in Israel, and shareholders who hold ordinary shares through members of the Tel Aviv Stock Exchange, may also vote through the attached proxy by completing, dating, signing and mailing the proxy to the Company's offices, so that is received by the Company no later than four hours prior to the scheduled date of the extraordinary meeting. Shareholders registered in the Company's shareholders register in Israel, and shareholders who hold ordinary shares through members of the Tel Aviv Stock Exchange who vote their ordinary shares by proxy, must also provide the Company with a copy of their identity card, passport or certification of incorporation, as the case may be. Shareholders who hold shares through members of the Tel Aviv Stock Exchange and intend to vote their ordinary shares either in person or by proxy must deliver to the Company, no later than four hours prior to the scheduled date of the extraordinary meeting, an ownership certificate confirming their ownership of the Company's ordinary shares on the Record Date, which certificate must be approved by a recognized financial institution, as required by the Israeli Companies Regulations (Proof of Ownership of Shares for Voting at General Meeting) 4760 - 2000, as amended.

ADS holders should return their proxies by the date set forth on their voting instruction card.

To the extent you would like to submit a position statement with respect to any of proposals described in the Proxy Statement pursuant to the Israeli Companies law, 1999, you may do so by delivery of appropriate notice to Company's offices (Attention: Chief Financial Officer) located at 23 Hata'as Street Kfar Saba, Israel 44425, Israel, not later than ten days before the extraordinary meeting date (i.e., October 15, 2018).

If you are a beneficial owner of ordinary shares registered in the name of a member of the Tel Aviv Stock Exchange and you wish to vote, either by appointing a proxy, or in person by attending the extraordinary meeting you must deliver to us a proof of ownership in accordance with the Israeli Companies Law of 1999 and the Israeli Companies Regulations (Proof of Ownership of Shares for Voting at General Meetings), 4760 - 2000. Detailed voting instructions are provided in the Proxy Statement.

Sincerely,

Kasbian Nuriel Chirich Chairman of the Board of Directors September 20, 2018



PROXY STATEMENT

EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS October 25, 2018

This Proxy Statement is furnished to our holders of ordinary shares, without par value, and holders of our ordinary shares that are represented by American Depository Shares ("ADSs") for the Extraordinary General Meeting of Shareholders of Cellect Biotechnology Ltd. to be held on October 25, 2018 at the offices of the Company's legal counsel, Doron, Tikotzky, Kantor, Gutman, & Amit Gross., at B.S.R. 4 Tower, 33rd Floor, 7 Metsada Street, Bnei Brak, Israel or at any adjournments thereof. The extraordinary meeting shall be held at 11.00 a.m., Israel time, on such day or at any adjournments thereof.

Throughout this Proxy Statement, we use terms such as "Cellect", "we", "our" and the "Company" to refer to Cellect Biotechnology Ltd. and terms such as "you" and "your" to refer to our shareholders and ADS holders.

Agenda Items

The agenda of the extraordinary meeting will be to elect Jonathan Burgin as an external director for a three-year term commencing on the date of his election at the extraordinary meeting.

We currently are unaware of any other matters that may be raised at the extraordinary meeting. Should any other matters be properly raised at the extraordinary meeting, the persons designated as proxies shall vote according to their own judgment on those matters.

Board Recommendation

Our board of directors unanimously recommends that you vote "FOR" the sole proposal.

Who Can Vote

Only shareholders and ADS holders of record at the close of business on September 27, 2018 (the "Record Date"), are entitled to notice of and to vote at the extraordinary meeting and any adjournment or postponement.

How You Can Vote

You can vote your ordinary shares by attending the extraordinary meeting. If you do not plan to attend the extraordinary meeting, the method of voting will differ for shares held as a record holder, shares held in "street name" (through a Tel Aviv Stock Exchange, or TASE, member) and shares underlying ADSs that you hold. Record holders of shares will receive proxy cards. Holders of shares in "street name" through a TASE member will also vote via a proxy card, but through a different procedure (as described below). Holders of ADSs (whether registered in their name or in "street name") will receive voting instruction cards in order to instruct their banks, brokers or other nominees on how to vote.

Shareholders Holders of Record

If you are a shareholder holder of record, you can submit your vote by completing, signing and submitting an applicable proxy card, which has been published at www.sec.gov.

Please follow the instructions on the applicable proxy card.

Shareholders Holding in "Street Name," Through the TASE

If you hold ordinary shares in "street name," that is, through a bank, broker or other nominee that is admitted as a member of the TASE, your shares will only be voted if you provide the attached proxy by completing, dating, signing and mailing the proxy to the Company's offices, so that it is received by the Company no later than four hours prior to the scheduled date of the extraordinary meeting, or if you attend the extraordinary meeting in person.

If voting by mail, you must sign and date an applicable proxy card in the form filed by us on www.sec.gov, so that it is received by the Company no later than four hours prior to the scheduled date of the extraordinary meeting, and attach to it a certificate signed by the TASE Clearing House member through which the shares are held, which complies with the Israel Companies Regulations (Proof of Ownership for Voting in General Meetings)-2000 as proof of ownership of the shares, as applicable, on the record date, and return the applicable proxy card, along with the proof of ownership certificate, to us, as described in the instructions available on www.sec.gov.

If you choose to attend the extraordinary meeting (where ballots will be provided), you must bring the proof of ownership certificate from the TASE's Clearing House member through which the shares are held, indicating that you were the beneficial owner of the shares, as applicable, on the record date.

Holders of ADSs

Under the terms of the Deposit Agreement between the Company, The Bank of New York Mellon, as depositary ("BNY Mellon"), and the holders of our ADSs, BNY Mellon shall endeavor (insofar as is practicable) to vote or cause to be voted the number of ordinary shares represented by ADSs in accordance with the instructions provided by the holders of ADSs to BNY Mellon. For ADSs that are held in "street name", through a bank, broker or other nominee, the voting process will be based on the underlying beneficial holder of the ADSs directing the bank, broker or other nominee to arrange for BNY Mellon to vote the ordinary shares represented by the ADSs in accordance with the beneficial holder's voting instructions. If no instructions are received by BNY Mellon from any holder of ADSs (whether held directly by a beneficial holder or in "street name") with respect to any of the shares represented by the ADSs on or before the date established by BNY Mellon for such purpose, BNY Mellon shall not vote or attempt to vote the shares represented by such ADSs.

Multiple Record Holders or Accounts

You may receive more than one set of voting materials, including multiple copies of this document and multiple proxy cards or voting instruction cards. For example, shareholders who hold ADSs in more than one brokerage account will receive a separate voting instruction card for each brokerage account in which ADSs are held. Shareholders of record whose shares are registered in more than one name will receive more than one proxy card. You should complete, sign, date and return each proxy card and voting instruction card you receive.

Our board of directors urges you to vote your shares so that they will be counted at the extraordinary meeting or at any postponements or adjournments of the extraordinary meeting.

Solicitation of Proxies

By appointing "proxies", shareholders and ADS holders may vote at the extraordinary meeting whether or not they attend. If a properly executed proxy in the attached form is received by us at least four hours prior to the extraordinary meeting (and received by BNY Mellon no later than the date indicated on the voting instruction card, in the case of ADS holders), all of the shares represented by the proxy shall be voted as indicated on the form or, if no preference is noted, shall be voted in favor of the matter described above, and in such manner as the holder of the proxy may determine with respect to any other business as may come before the extraordinary meeting or any adjournment thereof. Shareholders and ADS holders may revoke their proxies at any time before the deadline for receipt of proxies by filing with us (in the case of holders of ordinary shares) or with BNY Mellon (in the case of holders of ADSs), a written notice of revocation or duly executed proxy bearing a later date.

Proxies are being distributed or made available to shareholders and ADS holders on or about September 27, 2018. Certain officers, directors, employees, and agents of ours, none of whom will receive additional compensation therefor, may solicit proxies by telephone, emails, or other personal contact. We will bear the cost for the solicitation of the proxies, including postage, printing, and handling, and will reimburse the reasonable expenses of brokerage firms and others for forwarding material to beneficial owners of shares and ADSs

To the extent you would like to submit a position statement with respect to any of proposals described in the Proxy Statement pursuant to the Israeli Companies law, 1999 (the "Israeli Companies Law"), you may do so by delivery of appropriate notice to Company's offices (Attention: Chief Financial Officer) located at 23 Hata'as Street Kfar Saba, Israel 44425, Israel, not later than ten days before the extraordinary meeting date (i.e., October 15, 2018).

Quorum

At the close of business on September 19, 2018, we had outstanding 130,192,799 ordinary shares. The foregoing number of outstanding ordinary shares excludes 2,641,693 ordinary shares that are held in treasury and have no voting rights. Each ordinary share (including ordinary shares represented by ADSs) outstanding as of the close of business on the Record Date is entitled to one vote upon each of the matters to be voted on at the extraordinary meeting. Abstentions are counted as ordinary shares present for the purpose of determining a quorum.

Under our Articles of Association, the extraordinary meeting will be properly convened if at least two shareholders attend the meeting in person or sign and return proxies, provided that they hold shares representing at least 33% of our voting power. If such quorum is not present within half an hour from the time scheduled for the meeting, the meeting will be adjourned for one week (to the same day, time and place), or to later date if so specified in the notice of the meeting. At the reconvened meeting, if there is no quorum within half an hour from the time scheduled for the meeting, any number of our shareholders present in person or by proxy shall constitute a lawful quorum.

Vote Required for the Proposal

The approval of the sole proposal is subject to the affirmative vote of holders of at least a majority of the ordinary shares, including those represented by ADSs, voted in person or by proxy at the extraordinary meeting provided that either: (i) the shares voting in favor of such resolution include at least a majority of the shares voted by shareholders or ADS holders who are neither (a) "controlling shareholders" nor (b) having a "personal interest" in the approval of the nomination, other than personal interest which is not as a result of the holder's connection to the controlling shareholders; or (ii) the total number of shares voted against the resolution by the disinterested shareholders described in clause (i) above does not exceed 2% of the Company's outstanding voting power.

Under the Companies Law, (1) the term "controlling shareholder" means a shareholder having the ability to direct the activities of a company, other than by virtue of being an office holder. A shareholder is presumed to be a controlling shareholder if the shareholder holds 50% or more of the voting rights in a company or has the right to appoint the majority of the directors of the company or its chief executive officer; and (2) a "personal interest" of a shareholder (i) includes a personal interest of any members of the shareholder's family (or spouses thereof) or a personal interest of a company with respect to which the shareholder (or such family member) serves as a director or the CEO, owns at least 5% of the shares or has the right to appoint a director or the CEO but (ii) excludes an interest arising solely from the ownership of our ordinary shares.

You are required to indicate whether or not you are a controlling shareholder of the Company, or acting on its behalf, and whether you have a personal interest in the approval of the applicable proposal as provided above. If you fail to indicate so on the proxy card, your vote shall not be counted.

If you provide specific instructions (mark boxes) with regard to a proposal, your shares will be voted as you instruct. If you do not mark one of the boxes, your vote shall not be counted.

If you are a shareholder of record and do not return your proxy card, your shares will not be voted. If you hold shares (or ADSs representing shares) beneficially in street name, your shares will also not be voted at the meeting if you do not return your proxy card or voting instruction card to instruct your broker or BNY Mellon how to vote. A broker (and BNY Mellon) may only vote in accordance with instructions from a beneficial owner of shares or ADSs.

Reporting Requirements

We are subject to the information reporting requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act") applicable to foreign private issuers. We fulfill these requirements by filing reports with the Securities and Exchange Commission (the "Commission"). Our filings with the Commission may be inspected without charge at the Commission's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Information on the operation of the Public Reference Room can be obtained by calling the Commission at 1-800-SEC-0330. Our filings are also available to the public on the Commission's website at http://www.sec.gov.

As a foreign private issuer, we are exempt from the rules under the Exchange Act prescribing certain disclosure and procedural requirements for proxy solicitations. In addition, we are 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. This Notice of the Extraordinary General Meeting of Shareholders and the Proxy Statement has been prepared in accordance with applicable disclosure requirements in the State of Israel.

PROPOSAL 1 ELECTION OF EXTERNAL DIRECTOR

In accordance with the Israeli Companies Law and the relevant regulations, the Company must have at least two external directors who meet the statutory requirements of independence. Presently, the Company has only one external director, Ruhama Avraham, following the expiration of the term of the Company's now former external director, Yuval Berman on August 27, 2018. Under Israeli Companies Law, an external director serves for a term of three years, which may be extended for two additional three-year terms. Further, an external director can be removed from office only under very limited circumstances. In addition, under the Israeli Companies Law, all of the external directors must serve on our audit committee and compensation committee (including one external director serving as the chair of the Company's audit committee and as the chair of the compensation committee), and at least one external director must serve on each other committee of the Company's board of directors. If elected as an external director, Jonathan Burgin will become a member of the Company's audit committee and compensation committee.

To qualify as an external director, an individual must meet various independence requirements, including that such individual may not have, and may not have had at any time during the previous two years, any "affiliation" (as defined in the Israeli Companies Law) with the company or with certain of its affiliates. In addition, no individual may serve as an external director if the individual's position or other activities create or may create a conflict of interest with his or her role as an external director.

Biographical information concerning Mr. Burgin is set forth below.

Mr. Jonathan Burgin, has served as the CFO and COO of Anchiano Therapeutics Ltd. (TASE: ANCN) (formerly BioCancell Ltd.) since October 2016, having previously served as CEO from 2012 to 2016, and as CFO from 2011 to 2012. From 2006 to 2011, he was CFO of Radcom, Ltd. (NASDAQ: RDCM), a service assurance provider, and CFO of XTL Biopharmaceuticals (TASE: XTL, NASDAQ: XTLB), a drug development company, from 1999 to 2006. Between 1997 and 1999, he was CFO of YLR Capital Markets, a publicly-traded Israeli investment bank, and rose to become a Senior Manager at Kesselman, the Israeli member of PricewaterhouseCoopers International, Ltd, between 1984 and 1997. Mr. Burgin earned an M.B.A. and a B.A. in Accounting and Economics from Tel-Aviv University and is certified in Israel as a CPA.

Director's Fee

On September 16, 2018, the Company's Compensation Committee and the board of directors, have respectively approved compensation fees to Mr. Burgin in accordance with "permanent" regulatory rates payable to External Directors for companies similarly classified based on their shareholding equity, under the Companies Regulations (Rules Regarding the Compensation and Expenses of an External Director), 5760-2000, as may from time to time be amended.

In addition, Mr. Burgin shall be entitled, subject to his election as a director, to 150,000 options to purchase 150,000 ordinary shares (represented by 7,500 ADSs). The options will be issued under the following terms: (i) the exercise price per option shall be NIS 0.899; (ii) the options shall vest over a four-year period with 25% of the options vesting one year from the date of the extraordinary meeting and the balance vesting on a quarterly basis thereafter (6.25% every quarter). The vesting shall accelerate in a change of control event. The options shall expire 10 years from the date of issuance and all other terms and conditions thereof not specified herein shall be as set forth in the Plan.

Proposed Resolution

It is therefore proposed that the following resolution be adopted at the extraordinary meeting:

"RESOLVED, that the election of Jonathan Burgin as an external director of the Company, to serve for a three-year term commencing on the date of his election at the extraordinary meeting, be, and hereby is, approved in all respects."

* * * * * *

Your vote is important! Shareholders and ADS holders are urged to complete and return their proxies promptly in order to, among other things, ensure action by a quorum and to avoid the expense of additional solicitation.

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 AND ADS HOLDERS VOTE HEREUNDER. WE HAVE NOT AUTHORIZED ANYONE TO PROVIDE YOU WITH INFORMATION THAT IS DIFFERENT FROM WHAT IS CONTAINED IN THIS DOCUMENT. THIS PROXY STATEMENT IS DATED SEPTEMBER 20, 2018. YOU SHOULD NOT ASSUME THAT THE INFORMATION CONTAINED IN THIS DOCUMENT IS ACCURATE AS OF ANY DATE OTHER THAN SEPTEMBER 20, 2018, AND THE MAILING OF THIS DOCUMENT TO SHAREHOLDERS AND ADS HOLDERS SHOULD NOT CREATE ANY IMPLICATION TO THE CONTRARY.

By Order of the Board of Directors

/s/ Kasbian Nuriel Chirich

Kasbian Nuriel Chirich
Chairman of the Board of Directors
Cellect Biotechnology Ltd.



PROXY

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned shareholder of Cellect Biotechnology Ltd. (the "Company") hereby appoints, Dr. Shai Yarkoni, Chief Executive Officer, and Eyal Leibovitz, Chief Financial Officer, or any 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 at the offices of the Company's attorney – Doron, Tikotzky, Kantor, Gutman & Amit Gross, B.S.R 4 Tower, 33 Floor, 7 Metsada Street, Bnei Brak, on October 25, 2018 at 11:00 A.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 said Meeting.

The undersigned acknowledges receipt of the Notice of the Extraordinary General Meeting of Shareholders and Proxy Statement of the Company 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)

EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS OF CELLECT BIOTECHNOLOGY LTD.

October 25, 2018

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

1. To el	ect Jonathai	n Burgin as a	n external dir	ector for a three-y	ear term comme	encing on the	date of his	election at tl	he Meeting	5 .	
			FOR			AGAINST				ABSTAIN	
		-	_	shareholder or hav MARK ONE OF						efined in the	Proxy Statement of the Company. Please
				YES				NO			
In their d	iscretion, th	e proxies are	authorized to	vote upon such o	ther matters as r	may properly o	come before	e the Meetir	ng or any a	djournment o	r postponement thereof.
NAME					SIGNATURE	_			D	ATE	_,2018
NAME					SIGNATURE	-			D.	ATE	_,2018
give full	title as such	-	ed is a corpo	•		• •		_			administrator, trustee or guardian, please If signer is a partnership, please sign ir

2190 Ce	illect Biotechnology VIF
Date:	Extraordinary General Meeting of Cellect Biotechnology Ltd. October 25, 2018 See Voting Instruction On Reverse Side.
	elect Jonathan Burgin as an external director for a three-year mencing on the date of his election at the Meeting.
1A. Plea in th Com	ise mark YES if you are a controlling shareholder or have a personal in the said resolution, as such terms are defined in the Proxy Statement upony. Please mark NO if you are not. IF YOU DO NOT MARK ONE OI ES YOUR VOTE SHALL NOT BE COUNTED.

Authorized Signatures - This section must be completed for your instructions to be executed.

Please Date Above Please Date Above

Please Sign Here

Please Sign Here

For Against Abstain

Extraordinary General Meeting of Cellect Biotechnology Ltd. to be held on October 25, 2018 For Holders as of September 27, 2018



- Mark, sign and date your Voting Instruction Form.
 Detach your Voting Instruction Form.
 Return your Voting Instruction Form in the postage-paid envelope provided.

All votes must be received prior to 12:00 p.m. EST on October 22, 2018.

To view the proxy materials, please visit:

PROXY TABULATOR FOR

CELLECT BIOTECHNOLOGY LTD. P.O. BOX 8016 CARY, NC 27512-9903

 \uparrow Please separate carefully at the perforation and return just this portion in the envelope provided. \uparrow EVENT # CLIENT #

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Cellect Biotechnology Ltd.

Instructions to The Bank of New York Mellon, as Depositary (Must be received prior to 12:00 p.m. EST on October 22, 2018)

The undersigned registered owner of American Depositary Receipts ("ADRs") hereby requests and instructs The Bank of New York Mellon, as Depositary, to endeavor, insofar as practicable, to vote or cause to be voted the amount of shares or other Deposited Securities represented by such ADRs of Cellect Biotechnology Ltd. registered in the name of the undersigned on the books of the Depositary as of the close of business on September 27, 2018 at the Extraordinary General Meeting of the Shareholders of Cellect Biotechnology Ltd. to be held at the offices of the Company's attorney – Doron, Tikotzky, Kantor, Gutman, & Amit Gross, B.S.R 4 Tower, 33 Floor, 7 Metsada Street, Bnei Brak on October 25, 2018 at 11:00 A.M. Israel time, and at any adjournments or postponements thereof in respect of the resolutions specified on the reverse.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE PROPOSALS NOTE:

- 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. If no voting instructions are received by the Depositary from a Holder (either because no voting instructions are returned to the Depositary by a Holder or because the voting instructions are incomplete, illegible, or unclear), the Depositary shall have no obligation to, and shall not, exercise any voting rights attaching to such Deposited Shares.

PROXY TABULATOR FOR CELLECT BIOTECHNOLOGY LTD. P.O. Box 8016 CARY, NC 27512-9903

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