

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 January 2020 (No. 5)

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 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  Form 40-F

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): \_\_\_\_\_

**EXPLANATORY NOTE**

On January 9, 2020, Mr. Kasbian Nuriel Chirich, Cellect Biotechnology Ltd.'s (the "**Company**") chairman of the board of directors notified the Company that he resign from his position as the Company's chairman of the board as well as director, effective immediately. The Company thanks Mr. Chirich for his service with the Company.

**SIGNATURE**

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.**

Date: January 10, 2020

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