

Can-Fite BioPharma Ltd.  
10 Bareket Street  
Kiryat Matalon, P.O. Box 7537  
Petach-Tikva 4951778, Israel

October 7, 2020

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549

**Re: Can-Fite BioPharma Ltd.  
Registration Statement on Form F-3  
File No. 333-249063**

VIA EDGAR

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Can-Fite BioPharma Ltd. (the "**Registrant**") hereby respectfully requests that the effectiveness of the Registration Statement on Form F-3 (File No. 333-249063) of the Registrant (the "**Registration Statement**") be accelerated so that the Company's Registration Statement will be declared effective at 4:00 p.m., Eastern Time, on October 9, 2020 or as soon thereafter as may be practicable.

The undersigned respectfully requests that it be notified of the effectiveness of the Registration Statement by telephone call to our counsel, McDermott Will & Emery LLP, by calling Gary Emmanuel at (212) 547-5541. The Company hereby authorizes Mr. Emmanuel to orally modify or withdraw this request for acceleration.

Very truly yours,

CAN-FITE BIOPHARMA LTD.

By: /s/ Pnina Fishman, Ph.D.

Name: Pnina Fishman, Ph.D.

Title: Chief Executive Officer

cc: Gary Emmanuel (McDermott Will & Emery LLP)