

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 June 2025 001-36203 (Commission File Number) CAN-FITE BIOPHARMA LTD. (Exact name of Registrant as specified in its charter) 26 Ben Gurion Street Ramat Gan 5257346 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 ~ Form 40-F On June 23, 2025, Can-Fite BioPharma Ltd. (the "Company") convened the Annual General Meeting of Shareholders (the "Annual General Meeting"), however, the Annual General Meeting was adjourned for one week to the same day, time and place due to lack of quorum. Accordingly, the Company's Annual General Meeting will be reconvened on Monday, June 30, 2025 at 3:00 p.m., Israel time at the Company's offices located at 26 Ben Gurion Street, Ramat Gan, Israel. 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. Date: June 23, 2025 By: /s/ Motti Farbstein Motti Farbstein Chief Executive Officer and Chief Financial Officer 2