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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 August 2018

001-36203  
(Commission File Number)

**CAN-FITE BIOPHARMA LTD.**

(Exact name of Registrant as specified in its charter)

**10 Bareket Street**  
**Kiryat Matalon, P.O. Box 7537**  
**Petach-Tikva 4951778, 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

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): \_\_\_\_

The first, second and fourth paragraphs and "Forward Looking Statements" of the press release attached to this Form 6-K are hereby incorporated by reference into the registrant's Registration Statements on Form F-3 (File Nos. 333-195124, 333-204795, 333-209037 and 333-220644), to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

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On August 6, 2018, Can-Fite BioPharma Ltd. (the “Company”) issued a press release announcing that it has signed a License, Collaboration and Distribution Agreement with CMS Medical Venture Investment Limited for the commercialization of the Company’s Piclidenoson for the treatment of rheumatoid arthritis and psoriasis and Namodenoson for the treatment of advanced liver cancer and NAFLD/NASH in China (including Hong Kong, Macao and Taiwan). A copy of this press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Exhibit Index

<b>Exhibit No.</b>	<b>Description</b>
99.1	<a href="#">Press Release dated August 6, 2018</a>

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.

**Can-Fite BioPharma Ltd.**

Date: August 6, 2018

By: /s/ Pnina Fishman  
Pnina Fishman  
Chief Executive Officer

**Can-Fite Signs Multi-Million Dollar Development and Distribution Agreement for  
Piclidenoson and Namodenoson in China with CMS Medical**

*Upfront and milestone payments total up to \$74.5M plus double-digit royalties*

*CMS will be responsible for the development, registration and marketing of the drugs in China*

PETACH TIKVA, Israel, August 6, 2018 -- Can-Fite BioPharma Ltd. (NYSE American: CANF) (TASE:CFBI), a biotechnology company advancing a pipeline of proprietary small molecule drugs that address cancer, liver and inflammatory diseases, today announced it has signed a License, Collaboration and Distribution Agreement with CMS Medical Venture Investment Limited (“CMS Medical”) for the commercialization of Can-Fite’s Piclidenoson for the treatment of rheumatoid arthritis and psoriasis and Namodenoson for the treatment of advanced liver cancer and NAFLD/NASH in China (including Hong Kong, Macao and Taiwan).

Under the terms of the agreement, CMS Medical is making an upfront payment of \$2,000,000 to Can-Fite and is required to pay to Can-Fite milestone payments of up to \$14,000,000 upon the achievement of certain regulatory milestones and payments of up to \$58,500,000 upon the achievement of certain sales milestones. In addition, the agreement provides for double-digit royalty payments on net sales.

CMS Medical is a wholly-owned subsidiary of China Medical System Holdings Limited (“CMS”; SEHK: 867), a specialty pharmaceutical company based in China, focusing on marketing, promotion and sales of prescription drugs and other medicinal products to therapeutic departments in hospitals. CMS builds up its product portfolio for its target markets by asset acquisition, equity investment, licensing and distribution as well as in-house R&D. CMS is listed on the Hong Kong Stock Exchange with a current market capitalization of approximately HK\$34 billion as at August 1, 2018.

According to the agreement, CMS will be responsible for the development of Piclidenoson and Namodenoson to obtain regulatory approval in China and shall be further responsible for obtaining and maintaining regulatory approval in China for the indications described above. Can-Fite may, at the option of CMS, supply finished product to CMS.

“We are very excited to enter into this agreement with CMS, with their broad and professional experience in development, registration and marketing of diverse drugs in the Chinese market and believe that they are the right partner for us to penetrate this big market,” stated Dr. Sari Fishman, VP Business Development of Can-Fite. “We believe that CMS’s commitment to us is strong validation of our development efforts to date.”

Can-Fite is currently enrolling patients for its Phase III ACRObat™ trial of Piclidenoson for the treatment of rheumatoid arthritis and plans to shortly initiate patient enrollment for its Phase III Comfort™ trial of Piclidenoson for the treatment of psoriasis. The rheumatoid arthritis and psoriasis therapeutic market is dominated by biological drugs that are primarily administered via intravenous injection (IV) and have potential side effects. Rheumatoid arthritis and psoriasis are huge unmet need markets, where rheumatoid arthritis is estimated to reach \$35B in 2020 and psoriasis is forecast to reach \$9B in 2018.

Phase II studies with Namodenoson for the treatment of advanced liver cancer (hepatocellular carcinoma, Child Pugh B) and NAFLD/NASH are currently ongoing. The last patient for the advanced liver cancer trial was enrolled in August 2017, and treatment of remaining patients is still ongoing.

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## About Can-Fite BioPharma Ltd.

Can-Fite BioPharma Ltd. (NYSE American: CANF) (TASE: CFBI) is an advanced clinical stage drug development Company with a platform technology that is designed to address multibillion-dollar markets in the treatment of cancer, inflammatory disease and sexual dysfunction. The Company's lead drug candidate, Piclidenoson, is currently in a Phase III trial for rheumatoid arthritis and is expected to enter a Phase III trial for psoriasis in 2018. Can-Fite's liver cancer drug, Namodenoson, is in Phase II trials for hepatocellular carcinoma (HCC), the most common form of liver cancer, and for the treatment of non-alcoholic steatohepatitis (NASH). Namodenoson has been granted Orphan Drug Designation in the U.S. and Europe and Fast Track Designation as a second line treatment for HCC by the U.S. Food and Drug Administration. Namodenoson has also shown proof of concept to potentially treat other cancers including colon, prostate, and melanoma. CF602, the Company's third drug candidate, has shown efficacy in the treatment of erectile dysfunction in preclinical studies and the Company is investigating additional compounds, targeting A3AR, for the treatment of sexual dysfunction. These drugs have an excellent safety profile with experience in over 1,000 patients in clinical studies to date. For more information please visit: [www.canfite.com](http://www.canfite.com).

## Forward-Looking Statements

This press release may contain forward-looking statements, about Can-Fite's expectations, beliefs or intentions regarding, among other things, market risks and uncertainties, its product development efforts, business, financial condition, results of operations, strategies or prospects. In addition, from time to time, Can-Fite or its representatives have made or may make forward-looking statements, orally or in writing. Forward-looking statements can be identified by the use of forward-looking words such as "believe," "expect," "intend," "plan," "may," "should" or "anticipate" or their negatives or other variations of these words or other comparable words or by the fact that these statements do not relate strictly to historical or current matters. These forward-looking statements may be included in, but are not limited to, various filings made by Can-Fite with the U.S. Securities and Exchange Commission, press releases or oral statements made by or with the approval of one of Can-Fite's authorized executive officers. Forward-looking statements relate to anticipated or expected events, activities, trends or results as of the date they are made. Because forward-looking statements relate to matters that have not yet occurred, these statements are inherently subject to risks and uncertainties that could cause Can-Fite's actual results to differ materially from any future results expressed or implied by the forward-looking statements. Many factors could cause Can-Fite's actual activities or results to differ materially from the activities and results anticipated in such forward-looking statements. Factors that could cause our actual results to differ materially from those expressed or implied in such forward-looking statements include, but are not limited to: the initiation, timing, progress and results of our preclinical studies, clinical trials and other product candidate development efforts; our ability to advance our product candidates into clinical trials or to successfully complete our preclinical studies or clinical trials; our receipt of regulatory approvals for our product candidates, and the timing of other regulatory filings and approvals; the clinical development, commercialization and market acceptance of our product candidates; our ability to establish and maintain corporate collaborations; the implementation of our business model and strategic plans for our business and product candidates; the scope of protection we are able to establish and maintain for intellectual property rights covering our product candidates and our ability to operate our business without infringing the intellectual property rights of others; estimates of our expenses, future revenues, capital requirements and our needs for additional financing; competitive companies, technologies and our industry; statements as to the impact of the political and security situation in Israel on our business; and risks and other risk factors detailed in Can-Fite's filings with the SEC and in its periodic filings with the TASE. In addition, Can-Fite operates in an industry sector where securities values are highly volatile and may be influenced by economic and other factors beyond its control. Can-Fite does not undertake any obligation to publicly update these forward-looking statements, whether as a result of new information, future events or otherwise.

## Contact

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