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 2017 (Report No. 2)

Commission file number: 001-35932

ALCOBRA LTD.

(Translation of registrant's name into English)

Azrieli Triangle Building
132 Derech Menachem Begin 39th Floor
<u>Tel Aviv 6701101 Israel</u>
(Address of principal executive offices)

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 ⊠ 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):
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):

Attached hereto and incorporated by reference herein is the Registrant's press release issued on June 23, 2017, announcing its updates on its review of strategic alternatives.

Exhibit No.

99.1 Press release issued by Alcobra Ltd. on June 23, 2017, announcing its updates on its review of strategic alternatives.

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.

Alcobra Ltd. (Registrant)

By /s/ Dr. Tomer Berkovitz

Name: Dr. Tomer Berkovitz

Chief Financial Officer and Chief Operating Officer

Date: June 23, 2017

Alcobra Updates on its Review of Strategic Alternatives

TEL AVIV, Israel, June 23, 2017 -- Alcobra Ltd. (Nasdaq: ADHD), an emerging pharmaceutical company focused on the development of new medications to treat significant unmet clinical needs, today announced that its Board of Directors is conducting a process to explore and review a range of strategic alternatives focused on maximizing stockholder value from its development assets and cash resources. Alcobra has engaged Ladenburg Thalmann & Co. Inc. to act as its strategic financial advisor for this process. In conjunction with the exploration of strategic alternatives, the Company also intends to streamline its operations in order to preserve its capital and cash resources.

Alcobra's Board has established a Special Committee to explore and evaluate strategic alternatives. Potential strategic alternatives that may be explored or evaluated as part of this process include the potential for an acquisition, merger, business combination or other strategic transaction involving the Company. There can be no assurance, however, that this process will result in any such transaction.

The Company is continuing to assess the best path forward for its Abuse-Deterrent Amphetamine Immediate-Release (ADAIR) and Metadoxine Extended Release (MDX) clinical programs.

About Alcobra

Alcobra Ltd. is an emerging pharmaceutical company primarily focused on the development and commercialization of medications to treat significant unmet medical needs. For more information, please visit the company's website, www.alcobra-pharma.com, the content of which is not incorporated herein by reference.

Forward Looking Statements

This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 and other Federal securities laws. Because such statements deal with future events and are based on the Company's current expectations, they are subject to various risks and uncertainties and actual results, performance or achievements of the Company could differ materially from those described in or implied by the statements in this press release. For example, forward-looking statements include statements regarding the strategic review process the Company is undergoing, streamlining operations in order to preserve capital and assessing the best path forward for ADAIR. The forward-looking statements contained or implied in this press release are subject to risks and uncertainties, including those discussed under the heading "Risk Factors" in the Company's Annual Report on Form 20-F for the fiscal year ended December 31, 2016, filed with the Securities and Exchange Commission (SEC) and in subsequent filings with the SEC. Except as otherwise required by law, the Company disclaims any intention or obligation to update or revise any forward-looking statements, which speak only as of the date they were made, whether as a result of new information, future events or circumstances or otherwise.

Contact

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