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
of the Securities Exchange Act of 1934

For the month of June 2018

Commission File Number: 001-37643

KITOV PHARMA LTD.

(Translation of registrant's name into English)

One Azrieli Center, Round Tower,
132 Menachem Begin Road, Tel Aviv 6701101, 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): ____

Kitov Pharma Ltd. (the "Company" or the "Registrant") is announcing that it issued a press release, "**Kitov Announces Pricing of $8,150,000 Registered Direct Offering**", which is attached hereto as Exhibit 99.1.

Exhibit 99.1 Press Release

This Form 6-K is incorporated by reference into each of the Registrant's Registration Statements on Form F-3 filed with the Securities and Exchange Commission on December 12, 2016 (Registration file numbers 333-207117, 333-211477 and 333-215037), the Registrant's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on May 20, 2016 (Registration file number 333-211478), and the Registrant's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on June 6, 2017 (Registration file number 333-218538).

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.

KITOV PHARMA LTD.

June 1, 2018

By: /s/ Isaac Israel
Isaac Israel
CEO & Director

Exhibit 99.1

Kitov Announces Pricing of $8,150,000 Registered Direct Offering

TEL-AVIV, Israel, June 01, 2018 (GLOBE NEWSWIRE) -- Kitov Pharma Ltd. (NASDAQ/TASE: KTOV), an innovative biopharmaceutical company, today announced that it has entered into definitive agreements with institutional investors providing for the issuance of 3,260,000 American Depositary Shares (ADS) at a purchase price of $2.50 per ADS in a registered direct offering.

Kitov will also issue unregistered warrants to purchase up to 1,630,000 ADSs. The warrants will have a term of 5.5 years, be exercisable immediately following the issuance date and have an exercise price of $2.80 per ADS. The offering is expected to result in gross proceeds of approximately $8,150,000.

H.C. Wainwright & Co. is acting as the exclusive placement agent in connection with this offering.

The closing of the sale of the securities is expected to take place on or about June 5, 2018, subject to satisfaction of customary closing conditions.

The ADSs described above were offered pursuant to a shelf registration statement on Form F-3 (File No. 333-215037), which was declared effective by the United States Securities and Exchange Commission (the "SEC") on December 14, 2016. Such ADSs may be offered only by means of a prospectus, including a prospectus supplement, forming a part of the effective registration statement.

When filed with the SEC, copies of the prospectus supplement and the accompanying prospectus relating to the registered direct offering may be obtained at the SEC's website at http://www.sec.gov. Copies of the prospectus supplement and accompanying prospectus relating to the registered direct offering may also be obtained by contacting H.C. Wainwright & Co., LLC at 430 Park Avenue, 3rd Floor, New York, NY 10022, by calling (646) 975-6996 or emailing placements@hcwco.com.

The warrants described above were offered in a private placement pursuant to an applicable exemption from the registration requirements of the Securities Act of 1933, as amended (the "Act"), and, along with the ADSs issuable upon their exercise, have not been registered under the Act, and may not be offered or sold in the United States absent registration with the SEC or an applicable exemption from such registration requirements.

This press release shall not constitute an offer to sell or a solicitation of an offer to buy nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or jurisdiction.

About Kitov

Kitov Pharma (Kitov Pharma Ltd.; NASDAQ/TASE: KTOV) is an innovative biopharmaceutical drug development group of companies. Leveraging deep regulatory and clinical-trial expertise, Kitov's veteran team of healthcare and business professionals maintains a proven track record in streamlined end-to-end drug development and approval. Kitov's flagship combination drug, Consensi™ achieved the primary efficacy endpoints for its Phase III and Phase III/IV clinical trials, and was approved by the FDA for patients suffering from osteoarthritis pain and hypertension. NT219, which is developed by its majority-owned subsidiary, TyrNovo Ltd., is a novel patented small molecule designed to overcome cancer drug resistance that is currently in pre-clinical development. By lowering development risk and cost through fast-track regulatory approval of novel late-stage therapeutics, Kitov plans to deliver rapid ROI and long-term potential to investors, while making a meaningful impact on people's lives.

Forward-Looking Statements

Certain statements in this press release that are forward-looking and not statements of historical fact are forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements include, but are not limited to, statements concerning the amount of proceeds the Company expects to receive from the sale of the American Depository Shares in the registered direct offering, the closing of the transaction described in this press release, which is subject to customary conditions, and other statements that are not statements of historical fact, and may be identified by words such as "believe", "expect", "intend", "plan", "may", "should", "could", "might", "seek", "target", "will", "project", "forecast", "continue" or "anticipate" or their negatives or variations of these words or other comparable words or by the fact that these statements do not relate strictly to historical matters. You should not place undue reliance on these forward-looking statements, which are not guarantees of future performance. Forward-looking statements reflect our current views, expectations, beliefs or intentions with respect to future events, and are subject to a number of assumptions, involve known and unknown risks, many of which are beyond our control, as well as uncertainties and other factors that may cause our actual results, performance or achievements to be significantly different from any future results, performance or achievements expressed or implied by the forward-looking statements. Important factors that could cause or contribute to such differences include, among others, risks relating to: the fact that drug development and commercialization involves a lengthy and expensive process with uncertain outcomes; our ability to successfully develop and commercialize our pharmaceutical products; the expense, length, progress and results of any clinical trials; the lack of sufficient funding to finance the clinical trials; the impact of any changes in regulation and legislation that could affect the pharmaceutical industry; the difficulty in receiving the regulatory approvals necessary in order to commercialize our products; the difficulty of predicting actions of the U.S. Food and Drug Administration or any other applicable regulator of pharmaceutical products; the regulatory environment and changes in the health policies and regimes in the countries in which we operate; the uncertainty surrounding the actual market reception to our pharmaceutical products once cleared for marketing in a particular market; the introduction of competing products; patents attained by competitors; dependence on the effectiveness of our patents and other protections for innovative products; our ability to obtain, maintain and defend issued patents with protective claims; the commencement of any patent interference or infringement action; our ability to prevail, obtain a favorable decision or recover damages in any such action; and the exposure to litigation, including patent litigation, and/or regulatory actions; the uncertainty surrounding an investigation by the Israel Securities Authority into our historical public disclosures and the potential impact of such investigation on the trading of our securities or on our clinical, commercial and other business relationships, or on receiving the regulatory approvals necessary in order to commercialize our products, and other factors that are discussed in our in our Annual Report on Form 20-F for the year ended December 31, 2017 and in our other filings with the SEC, including our cautionary discussion of risks and uncertainties under 'Risk Factors' in our Registration Statements and Annual Reports. These are factors that we believe could cause our actual results to differ materially from expected results. Other factors besides those we have listed could also adversely affect us. Any forward-looking statement in this press release speaks only as of the date which it is made. We disclaim any intention or obligation to publicly update or revise any forward-looking statement, or other information contained herein, whether as a result of new information, future events or otherwise, except as required by applicable law. You are advised, however, to consult any additional disclosures we make in our reports to the SEC, which are available on the SEC's website, http://www.sec.gov

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