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 May 2019

Commission File Number: 001-37643

KITOV PHARMA LTD.
(Translation of registrant's name into English)

One Azrieli Center, Round Tower,
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 has made available a presentation that its CEO, Isaac Israel, is presenting at the 18th MIXiii-BIOMED Conference and Exhibition, on May 16, 2019 in Tel Aviv, Israel. The presentation gives an overview of Kitov’s clinical development plans for its oncology candidate NT-219, including disclosing its first indication for a phase 1/2 clinical trial and trial design. The presentation is attached hereto as Exhibit 99.1

Exhibit 99.1	Kitov Presentation at 18th MIXiii-BIOMED Conference and Exhibition - May 2019

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.

May 16, 2019

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

Exhibit 99.1


Kitov Pharma
NT219 - Overcoming Cancer Drug Resistance
Isaac Israel - Chief Executive Officer
MIXiii-Biomed - May 16th, 2019

Forward-Looking Statements and Kitov's Safe Harbor Statement

This presentation is not a prospectus or offer of securities for subscription or sale in any jurisdiction.

Certain statements in this presentation are forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and other applicable securities laws. Forward-looking statements can be identified by the use of forward-looking 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 acquire, develop or 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 Annual Report on Form 20-F for the year ended December 31, 2018 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.

About Kitov

Kitov Pharma is advancing first-in-class combination oncology therapies to overcome tumor drug resistance, increase treatment response rate, and slow tumor progression

DIVERSE PIPELINE LARGE MARKETS

- CM-24 - Novel immune checkpoint inhibitor with high potential to treat multiple oncology indications
- NT-219 - Small molecule targeting novel cancer drug resistance pathways
- Consensi™ - Commercial candidate approved by FDA to treat osteoarthritic pain and hypertension. Licensed for marketing in the U.S., China and S. Korea

PROVEN TEAM STRONG PARTNERS

- Management team with proven track record in drug development, NDA submissions and FDA approvals
- Consensi™ manufacturing and CMC by Dexcel Pharma, to be distributed in the U.S. by Coeptis Pharmaceutical's
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COMPELLING VALUE

- Publicly traded on TASE 2013; IPO on NASDAQ in November 2015
- Tickers: KTOV (ADSs); KTOVW (Warrants)
- Cash on hand (as of January 2019): ~$13M + $3.5M of investment pending closing of CM-24 transaction
- Market Cap: ~$31M*
- ~35% of the shares held by blue-chip, institutional healthcare focused investors

* As of May 14th, 2019, including CM-24 transaction and investment shares

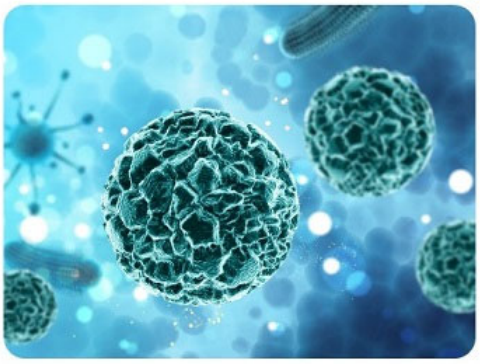
Commercial and Development Pipeline

Program	Indication	Preclinical	Phase 1	Phase 2	Phase 3	Market	Partners
Consensi™	Osteoarthritis Pain and Hypertension						**Commercial partners:** Coeptis Pharmaceuticals - U.S. CSBio - China Kuhnil Pharmaceuticals - S. Korea
CM-24	Non-Small Cell Lung Cancer (combination with nivolumab)						Bristol-Myers Squibb (Clinical Collaboration)
NT-219	Head and Neck Cancer (combination with cetuximab)						

NT-219

Targeting cancer drug resistance

- Many cancer patients either don't respond to single agent therapies or relapse quickly after initially responding
- Overcoming cancer drug resistance (intrinsic and acquired) is a major unmet need in cancer treatment
- Effective combination therapies that act synergistically on multiple pathways are necessary for the development of successful and long-lasting cancer treatments



Kitov is developing NT-219, a first-in-class small molecule dual inhibitor of two key pathways involved in cancer drug resistance, STAT3 and IRS1/2

IRS1/2 and STAT3

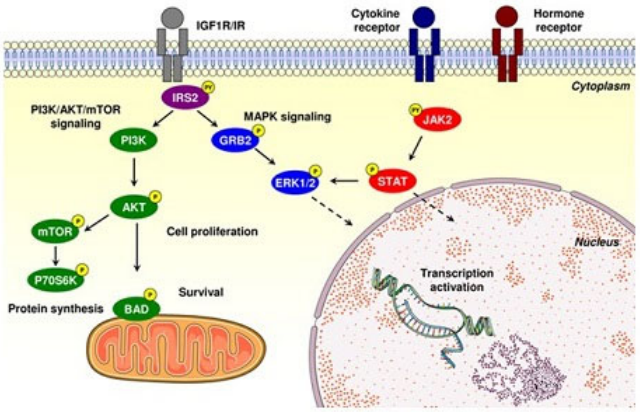
Key Signal Transducers activated as a feedback response to anti-cancer drugs, leading to drug resistance

IRS1/2:

- Part of the IGFR complex
- Phosphorylated on tyrosine residues and triggers activation of PI3K/AKT and MEK/ERK signaling pathways
- Regulates cell proliferation, protein synthesis, survival, gene expression and apoptosis

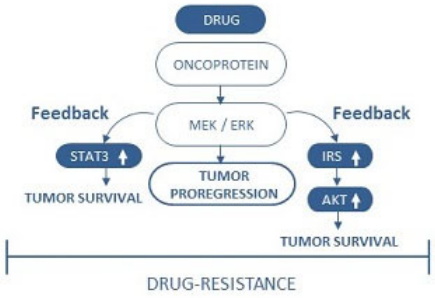
STAT3:

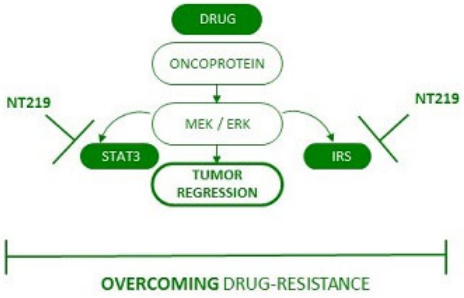
- Active in the JAK/STAT3 immune evasion mechanism of the tumor
- Provides a crucial axis to support cell proliferation and survival



Adapted from Clinics vol.73 supl.1 2018

NT-219 is a First-in-class Dual Inhibitor of STAT3 and IRS1/2

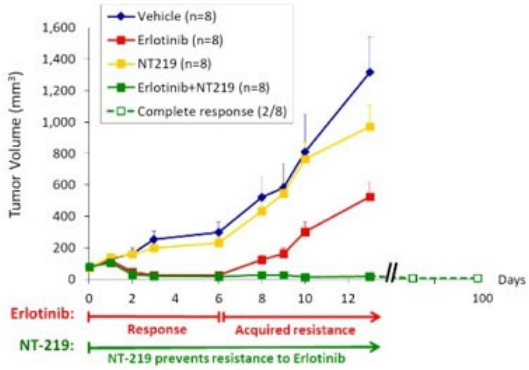




Blocking <u>both</u> pathways is required to overcome resistance and to re-sensitize tumors to anti-cancer therapies

NT-219 Preclinical Data

Prevents Acquired Resistance to Erlotinib in Head and Neck Cancer - PDX Model



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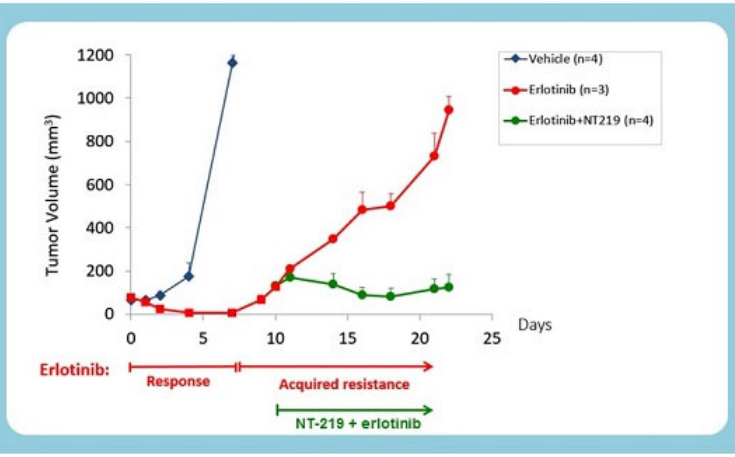
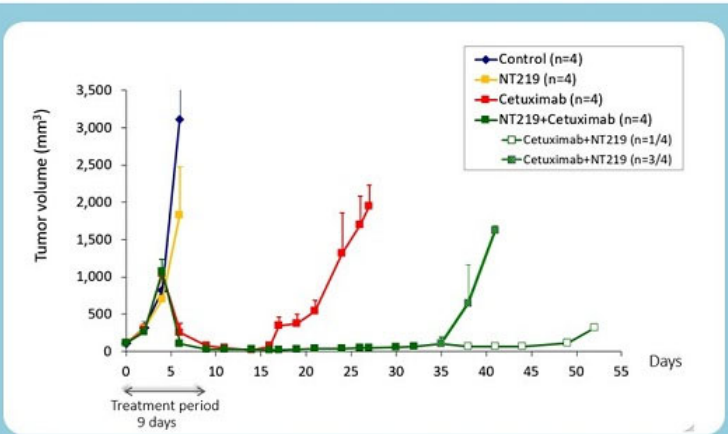


NT-219 Preclinical Data

Delays Tumor Recurrence with Cetuximab in Head and Neck Cancer PDX Model



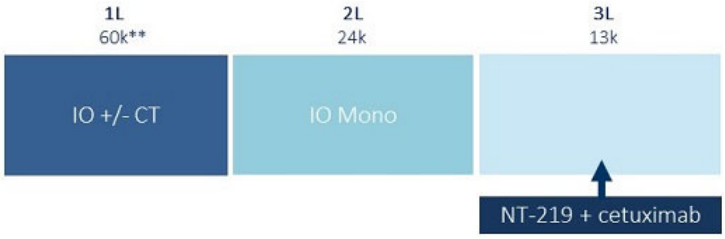
Recurrent or Metastatic Squamous Cell Carcinoma of the Head and Neck (SCCHN)

Rational of combining Cetuximab + NT-219

- EGFR and PD(L)-1 are the only clinically validated targets in SCCHN
- Cetuximab inhibits EGFR signaling and promotes ADCC
- Activation of STAT3 and IRS-to-AKT contributes to resistance to cetuximab in SCCHN

Market Landscape

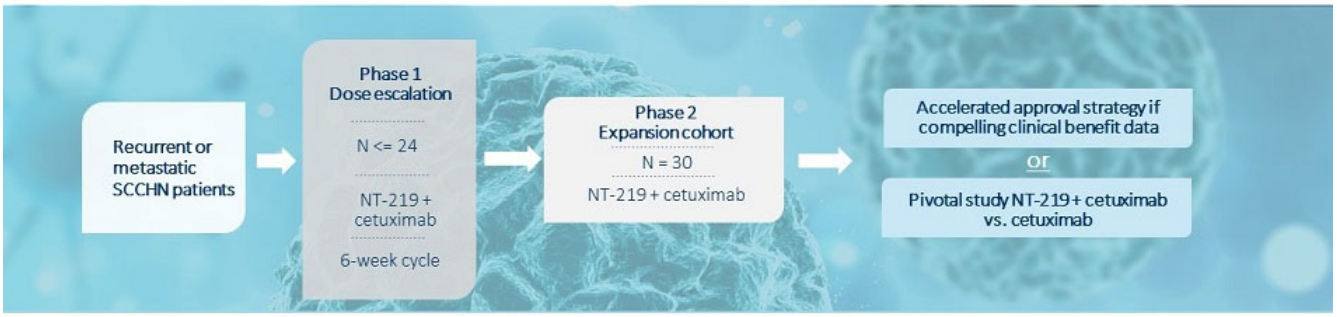
- Standard of care is shifting from chemotherapy towards immuno-oncology*
- Only < 20% of R/M SCCHN patients respond to anti-PD-1s
- NT-219 + cetuximab could become an attractive 3L therapy and potentially expand into 2 and 1L with or w/o anti-PD-1 inhibitors



* Global Data 2018: Head and Neck Squamous Cell Carcinoma: Opportunity Analysis and Forecasts to 2026
** Internal best current estimates of patient numbers based on external research, 5 major global territories

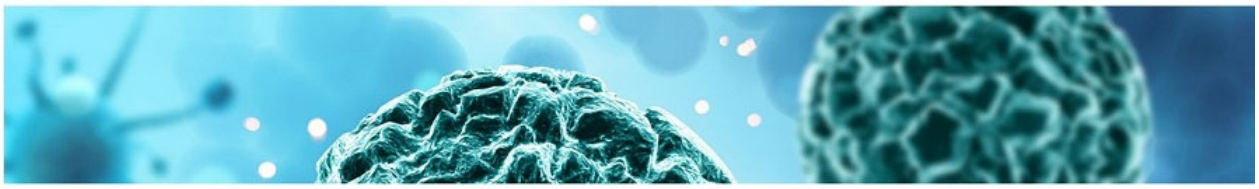
NT-219 Clinical Development Plan

- A Phase 1/2 open label multi center study of NT-219 in combination with cetuximab in patients with recurrent or metastatic SCCHN
  1. Dose escalation of NT-219 in combination with cetuximab
  2. Expansion cohort - NT-219 + cetuximab
- **Primary endpoint**: Evaluate the safety pharmacokinetics and to determine the MTD
- **Secondary endpoint**: Obtain preliminary efficacy data



NT-219 Summary

- Cancer drug resistance (intrinsic and acquired) is a major unmet need in cancer treatment
- NT-219 is a first-in-class dual inhibitor of STAT3 and IRS1/2
- Broad efficacy demonstrated in various patient-derived xenograft (PDX) SCCHN models in combination with cetuximab
- Our data suggest that NT-219 has a potential to increase efficacy, expand target patient population, and prolong treatment duration
- Phase 1/2 planed for recurrent or metastatic SCCHN patients expected to start 2H 2019



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