

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K
CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): January 9, 2017

Titan Pharmaceuticals, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation)

001-13341
(Commission File Number)

94-3171940
(IRS Employer Identification No.)

400 Oyster Point Blvd., Suite 505, South San Francisco, CA 94080
(Address of principal executive offices and zip code)

650-244-4990
(Registrant's telephone number including area code)

(Registrant's former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12(b) under the Exchange Act (17 CFR 240.14a-12(b))
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01. Regulation FD Disclosure.

Commencing January 9, 2017, Titan Pharmaceuticals, Inc. will present and post on its website an updated corporate presentation, a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The foregoing information, including the presentation attached hereto as an exhibit, is being furnished pursuant to Item 7.01 of this Current Report and shall not be deemed “filed” for the purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. This information shall not be incorporated by reference into any registration statement pursuant to the Securities Act of 1933, as amended.

Item 9.01. Financial Statement and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Corporate Presentation

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.

TITAN PHARMACEUTICALS, INC.

By: /s/ Sunil Bhonsle

Name: Sunil Bhonsle

Title: President

Dated: January 9, 2017



TITAN PHARMACEUTICALS

CORPORATE PRESENTATION • JANUARY 2017

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FORWARD-LOOKING STATEMENTS

The presentation may contain "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Reference is made in particular to the description of our plans and objectives for future operations, assumptions underlying such plans and objectives and other forward-looking terminology such as "may," "expects," "believes," "anticipates," "intends," "projects," or similar terms, variations of such terms or the negative of such terms.

Forward-looking statements are based on management's current expectations. Actual results could differ materially from those currently anticipated and such statements involve risks and uncertainties, including, but not limited to, those risks and uncertainties relating to availability of financing, difficulties or delays in development, testing, regulatory approval, production and marketing of the Company's drug candidates, adverse side effects or inadequate therapeutic efficacy of the Company's drug candidates that could slow or prevent product development or commercialization and the uncertainty of patent protection for the Company's intellectual property or trade secrets.

ProNeura is a trademark and Probuphine is a registered trademark of Titan Pharmaceuticals, Inc.





COMPANY SNAPSHOT

- Focus on proprietary therapeutics for select chronic diseases
- ProNeura™ drug delivery platform provides long-term, continuous, non-fluctuating medication levels
- FDA approved Probuphine® (buprenorphine) implant – six-month maintenance treatment of opioid addiction
 - Large and growing market opportunity; Strong commercial partnership with Braeburn Pharmaceuticals
 - Initial product launch commenced Q3 2016 building to full-scale launch in Q1 2017
- Growing pipeline: Parkinson’s Disease, Hypothyroidism and evaluating other chronic disease targets
- Strong cash position to support near-term development activities



PRONEURA: LONG-TERM DRUG DELIVERY PLATFORM

- Active pharmaceutical ingredient (API) uniformly distributed throughout the ethylene vinyl acetate copolymer (EVA) matrix
- No reservoir, therefore no risk of drug dumping
- Controlled rate of drug delivery and virtually 100% bioavailability



EVA POLYMER

+



API



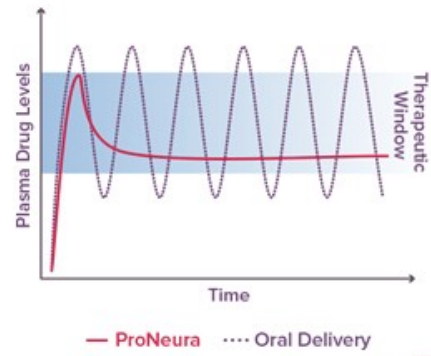
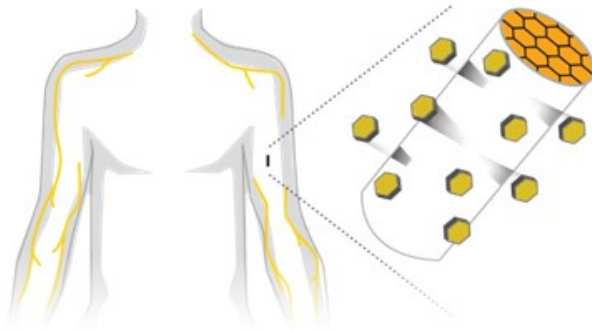
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EXTRUDED



IMPLANT

PRONEURA IMPLANT ADMINISTRATION

- Inserted subdermally in the inner side of the upper arm by a certified health care provider
- Drug is released continuously into patient's body through the process of dissolution
- Results in a stable level of medication in the blood, avoiding peaks and troughs of oral dosing
- Round-the-clock long term treatment (3-12 months) in outpatient setting



TITAN PRONEURA PRODUCT PIPELINE

CANDIDATE	INDICATION	DEVELOPMENT STAGE
Probuphine®	Opioid Addiction	 PRECLINICAL PHASE 1 PHASE 2 PHASE 3 MARKET
Ropinirole Implant	Parkinson's Disease	 PRECLINICAL PHASE 1 PHASE 2 PHASE 3 MARKET
T3 Implant	Hypothyroidism	 PRECLINICAL PHASE 1 PHASE 2 PHASE 3 MARKET

Feasibility evaluation of additional compounds in other chronic disease settings in progress



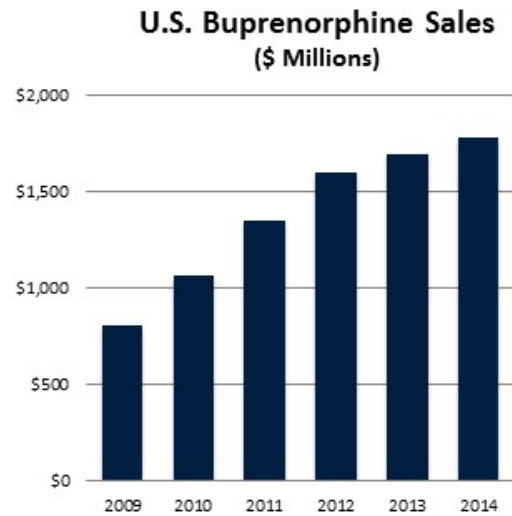
PROBUPHINE (BUPRENORPHINE) IMPLANT

Probuphine (buprenorphine) implant is the first ProNeura based product **approved by the FDA in May 2016** for the maintenance treatment for opioid addiction

EFFICACY	Effective in reducing illicit opioid use
SAFETY	Non-fluctuating drug exposure over six months may provide superior safety and tolerability
COMPLIANCE	Treatment with implant expected to enhance compliance
EASE OF USE	Patients dosed once every six months in an outpatient setting
DIVERSION	Limited access to implants – distribution controlled via a REMS program
MARKET	Uniquely positioned as a maintenance therapy for patients already in recovery

OPIOID ADDICTION: OPPORTUNITY FOR PROBUPHINE

- **Major epidemic** in the U.S. with an estimated **2.5 million** people affected with this disease
- **Buprenorphine** treatment is the **gold standard** as an effective, safer, and more convenient treatment option with U.S. sales in 2015 of almost \$2 billion
 - Controls withdrawal symptoms and cravings without inducing opioid euphoria in patients
 - Convenient outpatient treatment allows take-home medication, unlike methadone
 - Low risk of respiratory depression versus other opiates
- BUT, major **challenges with daily dosed** formulations persist
 - Compliance; Variable blood levels; Diversion & Abuse
- **Probuphine addresses all of these challenges and provides a unique treatment option**





PROBUPHINE: DEVELOPMENT & COMMERCIALIZATION UPDATE

Partnership with Braeburn Pharma for U.S. and Canada* signed in December 2012

Milestone payments

- Upfront: \$15.75 million
- Approval Milestone: \$15 million
- Sales Milestones: up to \$165 million

Tiered Royalties on net sales

- Mid-teens to low 20s (%)
- U.S. Patent term to April 2024



PROBUPHINE: U.S. COMMERCIALIZATION UPDATE*

- FDA approval, May 2016; First patients treated end of Q2 2016
- To date > 2,400 health care providers certified under the Probuphine REMS program
- Over 70 payors have indicated that they intend to cover Probuphine
- Braeburn is planning a full-scale commercial launch of Probuphine with a fully-deployed field force of approximately 60 representatives in the first quarter of 2017

PROBUPHINE: RISK EVALUATION & MITIGATION STRATEGY

- **Training and Certification** – Providers who prescribe and implant Probuphine will:
 - Attend Live Training: Lecture and Practicum
 - Complete the Probuphine REMS Program Knowledge Assessment
 - Be enrolled in the Probuphine REMS program
 - Providers who will perform Probuphine surgical procedures must meet criteria for procedural competency
 - Recertification will be required after 12 months, prior to placement of any additional orders
- **Patient Counseling** – Patients will be counseled regarding risks of accidental overdose, misuse, and abuse, and when they might need to contact their healthcare provider
- **Closed Distribution** – Probuphine will only be available to healthcare providers who have been certified in the Probuphine REMS Program

PROBUPHINE: U.S. CERTIFIED HEALTH CARE PROVIDERS



Information on Probuphine available at www.ProbuphineREMS.com



PROBUPHINE: EX - U.S. PARTNERING PLANS

- Advancing ex-U.S. opportunities for regulatory approval and commercial licensing
 - Progressing discussions with interested companies in EU and other select regions
 - Received positive scientific and regulatory guidance during Dec 2016 meetings with British and German health authorities regarding centralized submission plans
 - Goal is to file Marketing Authorization Application with the EMA under the centralized procedure by Q4-2017
- Opportunity to further develop Probuphine® for treatment of chronic pain





PARKINSON'S DISEASE OVERVIEW

- Characterized by the loss of dopamine, which alters activity in the brain region impacting movement and motor function
 - Treated with drugs designed to replace or mimic dopamine in the brain
 - After several years of treatment, these drugs lose benefit and trigger serious side effects in up to 80% of patients
- Titan's ProNeura technology has the potential to deliver continuous non-fluctuating levels of dopamine agonists for three months or longer from a single treatment

PARKINSON'S DISEASE – THERAPEUTICS MARKET

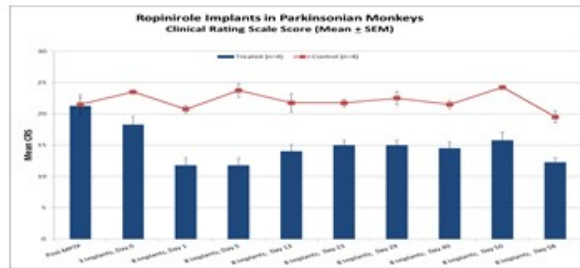
- As many as 1 million people in the US affected
- That number is expected to almost double by 2030 due to aging of population
- About 60,000 newly diagnosed for PD annually
- More than 23,000 die from PD each year



* GlobalData; **Parkinson's Action Network, National Center for Health Statistics; "The Current and Projected Economic Burden of Parkinson's Disease in the United States" Movement Disorders, March 2013
Based on information from Titan and other sources believed to be reliable and prepared exclusively for Titan. Woodside Capital Partners is not responsible for any use that Titan may make of this material.

PRONEURA PARKINSON'S DISEASE PROGRAM

- Ropinirole (Requip®), a dopamine agonist marketed by GSK for PD
- Evaluated in a Parkinsonian animal model using ProNeura drug delivery platform
 - Results presented in June 2015 - 19th International Congress of Parkinson's Disease and Movement Disorders
 - Sustained plasma ropinirole levels for several months following implantation
 - No local skin irritation at implant site
 - Controlled PD symptoms without triggering dyskinesias



PRONEURA PARKINSON'S DISEASE PROGRAM

- **Ropinirole implant program status**

- Implant formulation selected for clinical development
- Non-clinical development program defined and initial clinical study design established
- FDA feedback received on pre-IND meeting briefing material
- Required non-clinical studies to support IND have been completed
- On target to file IND in Jan 2017
- Initial Phase I pharmacokinetic clinical study start: Q2-2017
 - Enroll PD patients receiving adjunctive therapy with oral ropinirole
 - Replace oral ropinirole therapy with ropinirole implant
 - Characterize pharmacokinetic profile of the ropinirole implant
 - Assess safety and tolerability over a three month period



HYPOTHYROIDISM DISEASE OVERVIEW

- Thyroid gland does not make enough thyroid hormone to meet body's need
 - Typical treatment consists of synthetic prohormone thyroxine (T4) given orally once a day, which is converted by the body to the active triiodothyronine (T3)
 - Oral T3 treatment is effective, but comes with potential side effects caused by blood level fluctuations
- ProNeura platform has potential to deliver continuous, non-fluctuating levels of T3 and provide a stable blood level for several months following a single treatment

PRONEURA HYPOTHYROIDISM PROGRAM STATUS

- Completed initial formulation development of the implant and conducted in-vitro and in-vivo drug release studies to further define implant formulation
- In-vivo non-clinical studies conducted evaluating implant formulations for drug release characteristics
 - Demonstrated non-fluctuating release of T3 over several months in small and large animal models
 - Successfully tested in a non-clinical model of hypothyroidism
- Next steps
 - Complete implant formulation optimization and final testing
 - Establish the non-clinical study plan that will provide safety data for the IND
 - Goal is to start a proof of concept clinical study before the end of 2017

TITAN EXECUTIVE MANAGEMENT

- Marc Rubin, M.D. • Executive Chairman & Director
 - 10 years with Titan
 - Former Head of Global R&D and member of the Board of Management at Bayer Pharma
 - Executive R&D and commercial responsibilities at GSK for 13 years
 - 26 years in the pharmaceutical industry following 7 years at NIH
- Sunil Bhonsle, M.B.A. • President, CEO & Director
 - 20 years with Titan
 - 20 years with Bayer Corporation in Biological and Pharmaceutical finance and operations management
- Kate Beebe, Ph.D. • Executive Vice President, Chief Development Officer
 - 10 years with Titan
 - 21 years in industry, with senior positions in clinical development and medical affairs at GSK, Merck, and Concept Therapeutics
 - 10 years in academic medicine



TITAN PHARMACEUTICALS SUMMARY

- ProNeura - Unique and compelling long-term drug delivery platform
- Probuphine - Only product on market to provide six-month, continuous, non-fluctuating blood levels of buprenorphine for maintenance treatment of opioid addiction
 - Attractive U.S. partnership in place and pursuing ex-U.S. opportunities
- ProNeura implants for Parkinson's Disease and Hypothyroidism could significantly enhance Titan's value
 - Also evaluating additional compounds in other chronic disease settings
- At September 30, 2016: Strong cash position of \$16.5 million funds activities into early 2018
- At September 30, 2016: Common shares outstanding 21.2 million (25.1 million fully diluted)

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THANK YOU. QUESTIONS?

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PROBUPHINE: RISK EVALUATION & MITIGATION STRATEGY

