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): June 16, 2016

CORBUS PHARMACEUTICALS HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-37348

(Commission File Number) 46-4348039 (IRS Employer Identification No.)

100 River Ridge Drive, Norwood, MA (Address of principal executive offices) **02062** (Zip Code)

Registrant's telephone number, including area code: (617) 963-0100

Not Applicable

(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 the registrant under any of the following provisions (see General Instruction A.2. below):

□Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ 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))

Item 2.02. Results of Operations and Financial Condition.

See "Item 7.01 Regulation FD Disclosure" below.

Item 7.01. Regulation FD Disclosure.

See "Item 2.02 Results of Operations and Financial Condition" above.

Corbus Pharmaceuticals Holdings, Inc. (the "Company") is using the Investor Presentation attached hereto as Exhibit 99.1 in connection with management presentations to describe its business. In connection with the closing of the Company's previously announced registered direct offering of shares of its common stock, par value \$0.0001 per share, which was consummated on June 15, 2016, the Investor Presentation includes an updated, interim cash balance of approximately \$22.6 million as of June 15, 2016 as well as other business updates. A copy of the Investor Presentation is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information in this Current Report on Form 8-K under Items 2.02 and 7.01, including the information contained in Exhibit 99.1, is being furnished to the Securities and Exchange Commission, and shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section, and shall not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except as shall be expressly set forth by a specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1 Investor 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 hereunto duly authorized.

CORBUS PHARMACEUTICALS HOLDINGS, INC.

Dated: June 16, 2016

By: /s/ Yuval Cohen

Name: Yuval Cohen Title: Chief Executive Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Investor Presentation



FORWARD-LOOKING STATEMENTS

This presentation contains certain forward-looking statements, including those relating to the Company's product development, clinical and regulatory timelines, market opportunity, competitive position, possible or assumed future results of operations, business strategies, potential growth opportunities and other statements that are predictive in nature. Additional written and oral forward-looking statements may be made by the Company from time to time in filings with the Securities and Exchange Commission (SEC) or otherwise. The Private Securities Litigation Reform Act of 1995 provides a safe-harbor for forward-looking statements. These statements may be identified by the use of forward-looking expressions, including, but not limited to, "expect," "anticipate," "intend," "plan," "believe," "estimate," "potential," "predict," "project," "should," "would" and similar expressions and the negatives of those terms. These statements relate to future events or our financial performance and involve known and unknown risks, uncertainties, and other factors which may cause actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include those set forth in the Company's filings with the SEC. Prospective investors are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date of this presentation. The Company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events or otherwise.

CORBI

THE CORBUS BUSINESS MODEL

	Focus	 Engaging the immune system to treat rare diseases Serious morbidity + life-threatening indications with clear unmet need 	
	Develop	 Resunab currently in three Phase 2 studies & SLE Phase 2 study to commence Q1-17 Obtain support from patient organizations and/or NIH 	
	Market	 Requires only small specialized sales forces Leverage Orphan Drug Designation for market position and extended IP 	
	Acquire	 Clinical stage-ready pharma assets to build our pipeline Focus on novel drugs that can impact current unmet medical need 	
3			CORBUS

MANAGEMENT TEAM



YUVAL COHEN PH.D. CHIEF EXECUTIVE OFFICER

Co-founder and former President of Celsus Therapeutics (CLTX). Expertise in developing antiinflammatory drugs including for CF



SEAN MORAN C.P.A. M.B.A. CHIEF FINANCIAL OFFICER

Former CFO: InVivo (NVIV), Celsion (CLSN), Transport Pharma, Echo Therapeutics (ECTE) & Anika Therapeutics (ANIK)



4

SCOTT CONSTANTINE M.S. DIRECTOR, CLINICAL OPERATIONS

Expertise in CF and Pulmonary diseases trials. Former Director, Clinical Research & Operations of Insmed and Clinical Program Scientist at PTC Therapeutics (PTCT)



MARK TEPPER PH.D. PRESIDENT & CHIEF SCIENTIFIC OFFICER

Former VP U.S. Research & Operations, EMD Serono; Sr. Investigator, Bristol-Myers Squibb



BARBARA WHITE M.D. CHIEF MEDICAL OFFICER

Board-certified Rheumatologist and clinical immunologist. Previously SVP and Head, R&D Stiefel, VP and Head of Inflammation Clin. Dev. for UCB & MedImmune, and Director, Medical Affairs, Amgen



BOARD OF DIRECTORS

YUVAL COHEN, PH.D. CHIEF EXECUTIVE OFFICER

AMB. ALAN HOLMER CHAIRMAN OF THE BOARD

Former CEO of PhRMA (1996-2005)

- Over two decades of public service in Washington, D.C. including Special Envoy to China (2007-2009)
- · Former board member Inspire Pharma
- Chairman of the Board of the Metropolitan Washington, D.C. Chapter of the Cystic Fibrosis Foundation

AVERY W. (CHIP) CAITLIN

5

- CFO Celldex Therapeutics (CLDX) since 2000
- Raised over \$600MM financing
- Over 20 years experience in industry: Repligen (CFO) and Endogen (CFO)

DAVID HOCHMAN

- Managing Partner of Orchestra Medical Ventures
- Over 17 years of venture capital and investment banking experience
- Former Managing Director of Spencer Trask Ventures, Inc. securing over \$420 million in equity capital

RENU GUPTA, M.D.

- Over 25 years of development, regulatory and senior management experience in the biopharm industry
- Former CMO of Insmed, a specialty CF company and current advisor to the CEO
- Former VP and Head of U.S. Clinical Research and Devp Novartis (2003-2006)



RESUNAB: OUR FIRST ASSET

- · Novel synthetic oral endocannabinoid-mimetic with unique MOA
- · First-in-class therapeutic currently targeting four indications \$5MM Award from **CFF**⁽¹⁾ Cystic Fibrosis ("CF") Orphan Designation + Fast Track Status granted by FDA • Diffuse Cutaneous Systemic Sclerosis ("SSc or Scleroderma") Orphan Designation + Fast Track Status granted by FDA + Open Label Extension Dermatomyositis ("DM") Systemic Lupus Erythematosus ("SLE") NIH Grants (2) · Acquired pharma asset with extensive Phase 1 safety data IP portfolio → 2033

CORBL

 As of 3/31/16, Corbus has received \$2.5MM of the \$5.MM CFF award.
 NIH grants fund Ph. 2 trials of Resunab in dermatomyositis and systemic lupus erythematosus; Corb 6 its to the product and owns the IND'data



MILESTONES: THE NEXT 9 MONTHS

FDA approval for 12-month open-label extension in SSc Phase 2 study European CF Conference 2016 Orphan designation for CF in EU Additional pre-clinical mechanistic studies in CF Orphan designation for SSc in EU Complete patient enrollment SSc study Complete patient enrollment in CF study NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study		Q2 2016	Q3 2016	Q4 2016	Q1 2017
European CF Conference 2016 ✓ Orphan designation for CF in EU ★ Additional pre-clinical mechanistic studies in CF ★ Orphan designation for SSc in EU ★ Complete patient enrollment SSc study ✓ Complete patient enrollment in CF study ★ NACFC 2016 ★ ACR 2016 ★ Topline data from CF and SSc studies ✓ Topline data from DM study ★ Launch of SLE study ✓	FDA approval for 12-month open-label extension in SSc Phase 2 study	\checkmark			
Orphan designation for CF in EU Additional pre-clinical mechanistic studies in CF Orphan designation for SSc in EU Complete patient enrollment SSc study Complete patient enrollment in CF study NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study	European CF Conference 2016	\checkmark			
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Orphan designation for SSc in EU Complete patient enrollment SSc study Complete patient enrollment in CF study NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study ACR 2016 	Additional pre-clinical mechanistic studies in CF		\star		
Complete patient enrollment SSc study Complete patient enrollment in CF study NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study	Orphan designation for SSc in EU		\star		
Complete patient enrollment in CF study NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study	Complete patient enrollment SSc study	\checkmark			
NACFC 2016 ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study	Complete patient enrollment in CF study		\star		
ACR 2016 Topline data from CF and SSc studies Topline data from DM study Launch of SLE study	NACFC 2016		\star		
Topline data from CF and SSc studies Topline data from DM study Launch of SLE study 	ACR 2016			\star	
Topline data from DM study	Topline data from CF and SSc studies			*	
Launch of SLE study	Topline data from DM study				\star
	Launch of SLE study				*

RESUNAB RESTORES HOMEOSTASIS DURING PATHOLOGIC IMMUNE REPONSES



9



RESUNAB REDUCES THE PRO-INFLAMMATORY MEDIATOR INTERLEUKIN-1 β in healthy humans



- Three healthy adults received single doses of 3, 6, and 10 mg Resunab
- Five hours following each dose, peripheral blood mononuclear cells were isolated and stimulated with LPS, then IL-1β secretion was measured after 18 hours incubation
- Percent of control response (prior to Resunab administration) was determined



RESUNAB: AN ATTRACTIVE CLINICAL SAFETY PROFILE

- · Dose-dependent, mild to moderate AEs, no SAEs, no significant lab abnormalities
- · Consistent with class effects at all doses, no unexpected AE's

Treetment		Most Com	nmon Treatme	ent Emergent	Adverse Ever	nts, by Severit	y of AE, n		
Emergent Adverse Event	Subjects r dose, n	receiving ≥ 1 r = 52 (% all sul	ng to ≤ 60 mg bjects at thes	ı total daily e doses)	Subjects receiving ≥ 80 mg to ≤ 240 mg total daily dose, n = 71 (% of all subjects at these doses)				
(IEAE)	All TEAEs	Mild TEAEs	Moderate TEAEs	Serious TEAEs	All TEAEs	Mild TEAEs	Moderate TEAEs	Serious TEAEs	
Dizziness	3 (5.8%)	3 (5.8%)	0	0	28 (39.4%)	15 (21.1%)	13 (18.3%)	0	
Nausea	2 (3.8%)	2 (3.8%)	0	0	17 (23.9%)	12 (16.9%)	5 (3.0%)	0	
Dry Mouth	1 (1.9%)	1 (1.9%)	0	0	13 (7.9%)	12 (7.3%)	1 (0.6%)	0	
Somnolence	1 (1.9%)	1 (1.9%)	0	0	9 (5.5%)	8 (4.8%)	1 (0.6%)	0	
Vomiting	1 (1.9%)	1 (1.9%)	0	0	9 (5.5%)	4 (2.4%)	5 (3.0%)	0	
Fatigue	0	0	0	0	9 (5.5%)	7 (4.2%)	2 (1.2%)	0	





CYSTIC FIBROSIS: FOCUSING ON INFLAMMATION & FIBROSIS

CORBUS

CYSTIC FIBROSIS

CF is a life-threatening, genetic disease that primarily affects the lungs and digestive system. CF is characterized by chronic lung inflammation that leads to lung damage and fibrosis.



40 YEARS

AVERAGE LIFE EXPECTANCY OF CF PATIENTS

KEY TAKE-AWAYS

- Life-threatening, rare disease
- Inflammation and fibrosis play key role in CF morbidity and mortality
- Need for safe and effective drugs that target chronic inflammation and fibrosis is unmet and recognized
- Pharmacoeconomics
 are proven and favorable



RESUNAB IS UNIQUELY POSITIONED IN CF



RESUNAB RESOLVES LUNG <u>INFLAMMATION</u> IN PSEUDOMONAS AERUGINOSA INFECTED CF MOUSE MODEL



RESUNAB ENHANCES RESOLUTION OF LUNG INFECTION IN CF MICE INFECTED WITH PSEUDOMONAS



17 Bonfield, Tracey; Tepper, Mark 2015

RESUNAB REDUCES <u>WEIGHT LOSS</u> AND IMPROVES <u>SURVIVAL</u> IN CF MICE INFECTED WITH PSEUDOMONAS



Bonfield, Tracey; Tepper, Mark 2015

CORBUS

RESUNAB: CYSTIC FIBROSIS PHASE 2 TRIAL

Primary Endpoint: Safety and Tolerability Secondary Endpoint: Directional Trends in Efficacy + PK	 Double blind randomized placebo control study in the U.S. and EU Primary endpoints: Safety/tolerability Secondary endpoints: Trends in efficacy (FEV1, Lung Clearance Index, CFQ-R Respiratory Symptom Score) + PK Exploratory endpoints: Metabolipidomic profile for MOA, biomarkers of disease activity and inflammation in blood and sputum, and microbiota in the lungs Patient number: 70 adults with CF in ~25 sites U.S. & EU Treatment duration: 84 days treatment with 28 days follow-up Dose response: 1 mg/day, 5 mg/day, 20 mg/day and 20 mg/day twice a day 								
IND open with FDA	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016		
Study launch		1							
First patient dosed			✓						
Study duration			1	✓	X	X	X		
Anticipated last patient final dose							X		
Anticipated top-line study data							X		
							CORBU		

DECISION MAKING AFTER OUR CURRENT PHASE 2 TRIALS: DEFINING SUCCESS



20

DIFFUSE CUTANEOUS SYSTEMIC SCLEROSIS:

RELIEF FOR A DISEASE WITH NO APPROVED TARGETED THERAPY

CORBUS

SYSTEMIC SCLEROSIS

Chronic systemic autoimmune disease causing fibrosis of skin and internal organs

90,000 PATIENTS IN U.S. + EU





40-60 YEARS AVERAGE AGE OF PATIENTS

AVERAGE AGE OF PATIENTS

COMMON CAUSE OF DEATH -40%-60% MORTALITY IN 10 YEARS

KEY TAKE-AWAYS

- Life-threatening, rare disease
- No SSc-specific approved drugs
- Current therapy involves steroids and immunosuppressive agents with significant toxicities
- Need for proven safe and effective therapies

CORBUS

THERAPEUTIC RATIONALE FOR RESUNAB IN SYSTEMIC SCLEROSIS (SSc)



23

PROPHYLACTIC AND THERAPEUTIC RESUNAB INHIBIT COLLAGEN DEPOSITION IN BLEOMYCIN-INDUCED LUNG FIBROSIS

- · Bleomycin intratracheal injection, Day 1
- Mice sacrificed after 21 days
- Resunab by gavage, Days 1-21 (prophylactic) or Days 8-21 (therapeutic)



RESUNAB REDUCES BIOMARKERS IN FIBROBLASTS FROM SSc PATIENTS

Cultured human dermal fibroblasts from healthy volunteers or patients with diffuse cutaneous systemic sclerosis



RESUNAB: SSc PHASE 2 CLINICAL TRIAL

Primary Endpoint: Change in CRISS Score + Safety/Tolerability <u>Secondary Endpoint:</u> Directional Trends in Efficacy <u>Enrolment:</u> All patients enrolled as of June 16, 2016	 Doubling Prima Second blood Patien Treating Dose Open 	IND from FDA Safety/tolerability nation and fibrosis in U.S. sites up a day 2016						
IND open with EDA	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016
Study launch	~		-					
First patient dosed				✓				
Last patient enrolled						×		
Study duration				×	1	X	X	X
Anticipated last patient final dose							X	
Anticipated top-line study data								PHARMACEUTICALS

26

RESUNAB: SSc PHASE 2 CLINICAL TRIAL OPEN-LABEL EXTENSION

- 12-month open-label extension study of ongoing Phase 2 clinical trial of Resunab granted by U.S. FDA
- · Goal of the open-label extension is to collect long term safety and efficacy data on Resunab
- All subjects from ongoing double-blind placebo-controlled study provided with option to continue treatment for an additional 12 months following the completion of the 84-day treatment period
 - All subjects in the extension study will receive Resunab, including those who received placebo in the current study
- Same clinical endpoint used in ongoing double-blinded placebo-controlled portion of the trial will be monitored throughout the extension



DERMATOMYOSITIS & LUPUS (SLE): WORKING WITH THE NIH ON RARE AUTOIMMUNE DISEASES

DERMATOMYOSITIS

Chronic systemic autoimmune disease characterized by inflammation of skin and muscles



SKIN & MUSCLE

INVOLVEMENT CAN CAUSE SIGNIFICANT MORBIDITY. MORTALITY FROM INTERSTITIAL LUNG DISEASE

NO FDA

APPROVED THERAPIES FOR OVERALL DISEASE ACTIVITY

29

KEY TAKE-AWAYS

- Treated with steroids and immunosuppressive therapies but with significant toxicities
- Single center study underway at University of Pennsylvania
- NIH is funding the study
- Data read out expected in early 2017

SYSTEMIC LUPUS ERYTHEMATOSUS

Chronic systemic autoimmune disease characterized by arthritis, skin rashes, kidney disease, and involvement of the nervous system and other organs

500,000 – 600,000 PATIENTS IN THE U.S. + EU 10-12:1 WOMEN TO MEN HIGHER INCIDENCE AND MORE SEVERE IN BLACKS AND ASIANS



NON-IMMUNOSUPRESSIVE TREATMENTS NEEDED

KEY TAKE-AWAYS

- Treated with steroids and immunosuppressive therapies
- Multi-center study planned (n=100)
- NIH is funding the study
- Data read out expected in Q4 2018

RESUNAB REDUCES PRO-INFLAMMATORY CYTOKINE PRODUCTION IN ISOLATED PBMC FROM DERMATOMYOSITIS PATIENTS



The LPS-stimulated PBMCs of DM patients



The median quantity of IFN- $\!\alpha$ secreted from CPG-stimulated PBMCs of DM patients

31 Robins on et al, J Invest Dermatol 135:S10 (abstr #56), 2015.



RESUNAB REDUCES PRO-INFLAMMATORY CYTOKINE PRODUCTION BY PBMC FROM INDIVIDUALS WITH SLE



PBMC from a patient with SLE were stimulated ex vivo with CpG DNA and exposed to increasing concentrations of Resunab. IFNα gene expression was measured using RT-PCR.



PBMC from five SLE patients stimulated with CpG DNA \pm Resunab. * p < 0.0001 versus no JBT-101.



RESUNAB: DM PHASE 2 CLINICAL TRIAL

<u>Primary Endpoint:</u> Change in CDASI Score + Safety/Tolerability	 Study Doub Prima Seco activi 	funded b le blind pla ary end p ndary end ty in blood	y NIH awa acebo cor oints: Saf dpoints: (and skin,	ard to Univ itrol rando fety/toleral Quality of metabolip	versity of F mized stu bility + cha life, bioma bidomic pr	Pennsylva dy in U.S. ange in sk rkers of in ofile, PK	nia under INE in activity flammatio	D from FD and sever n and dise	A rity (CDAS) ease
<u>Secondary Endpoint:</u> Directional Trends in Efficacy	 Patient number: 22 adults with DM at 1 U.S. site - University of Pennsylvania Perlman School of Medicine Treatment duration: 84 days treatment with 28 days follow-up Dose response: 20 mg/day and 20 mg/day twice a day 								
	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017
IND open with FDA	1								
Study launch		1							
First patient dosed			1						
Study duration			1	1	1	X	X	X	X
Anticipated last patient dosed									X
Anticipated top-line study data									X
									CORBU

RESUNAB: SLE PHASE 2 CLINICAL TRIAL

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<u>Primary Endpoint:</u> Efficacy in inflammatory pain in active musculoskeletal disease

Secondary Endpoints: Efficacy in overall disease activity, quality of life, safety

- Study funded by NIH award to Feinstein Institute for Medical Research
- Double blind placebo control randomized study in U.S. under IND from FDA
- **Primary end points:** Efficacy in inflammatory pain in subjects with active musculoskeletal disease
- Secondary endpoints: Efficacy in overall disease activity, musculoskeletal disease, and quality of life, safety and tolerability, biomarkers of inflammation, metabolipidomic profile, PK
- · Patient number: 100 adults with SLE at 10 U.S. sites
 - Treatment duration: 84 days treatment with 28 days follow-up
 - Dose response: 5 mg/day, 20 mg/day and 20 mg/day twice a day



SCIENTIFIC ADVISORS AND PRINCIPAL INVESTIGATORS

Scientific Advisors

CHARLES N. SERHAN, PH.D. BRIGHAM AND WOMEN'S HOSPITAL; HARVARD MEDICAL SCHOOL Director of CET&RI; Professor of Anesthesia, Perioperative and Pain Medicine, Infection and Immunity

MICHAEL KNOWLES, M.D., PH.D. UNC CHAPEL HILL Professor of Pulmonary and Critical Care Medicine

DANIEL FURST, M.D. UCLA SCHOOL OF MEDICINE Director of UCLA Scleroderma Program

ROBERT ZURIER, M.D. UMASS MEDICAL SCHOOL Ex-Chair of Rheumatology

Principal Investigators

JAMES CHMIEL, M.D. CASE WESTERN RESERVE MEDICAL SCHOOL Professor of Pediatrics, National PI on largest ever antiinflammatory CF study U.S. PI for Cystic Fibrosis

ROBERT SPIERA, M.D. HOSPITAL FOR SPECIAL SURGERY Director of the Vasculitis and Scleroderma Program U.S. PI for Scleroderma

VICTORIA WERTH, M.D. UNIVERSITY OF PENNSYLVANIA Professor of Dermatology U.S. PI for Dermatomyositis

STUART ELBORN, M.D. FRCP QUEEN'S UNIVERSITY, BELFAST Dean of School of Medicine, Dentistry and Biomedical Sciences

EU PI for Cystic Fibrosis MEGGAN MACKAY, M.D.

HOFSTRA NORTHWELL SCHOOL OF MEDICINE Associate Professor, Molecular Medicine and Medicine Investigator, The Feinstein Institute

CORBUS

FINANCIAL PROFILE: CRBP (NASDAQ)



CONTACT US

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