Zacks Small-Cap Research

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Biopharmx Corp (BPMX-NYSE MKT)

BPMX: Zacks Company Report

BPMX: Positive data from Phase IIb of BPX01 for acne announced, Phase III planned; Phase IV of VI$_2$LET initiated, data expected in 2017; Strong balance sheet.

Current Price (06/14/17)	$0.49
Valuation	**$4.50**

OUTLOOK

BPMX is a specialty pharma with a focus on women's health and dermatology. The company's VI$_2$OLET is a commercially available OTC for breast discomfort associated with FBC. BPX03, a prescription iodine for FBC, will enter Phase III trial in 2017. BPX01, a topical minocycline, for acne, will enter Phase III trial. By 2019, BPMX will become a key player in the targeted markets of women's health and dermatology with 3 products commercially available targeting FBC and acne respectively.

We are optimistic about BPMX prospect.

SUMMARY DATA

52-Week High	**$2.23**
52-Week Low	**$0.20**
One-Year Return (%)	**-77.74**
Beta	**-0.66**
Average Daily Volume (sh)	**1,519,895**
Shares Outstanding (mil)	**74**
Market Capitalization ($mil)	**$46**
Short Interest Ratio (days)	**N/A**
Institutional Ownership (%)	**N/A**
Insider Ownership (%)	**N/A**
Annual Cash Dividend	**$0.00**
Dividend Yield (%)	**0.00**
5-Yr. Historical Growth Rates	
Sales (%)	**N/A**
Earnings Per Share (%)	**N/A**
Dividend (%)	**N/A**
P/E using TTM EPS	**N/A**
P/E using 2015 Estimate	**N/A**
P/E using 2016 Estimate	**N/A**
Zacks Rank	**N/A**

Risk Level	**N/A**
Type of Stock	**N/A**
Industry	**Med-Biomed/Gene**
Zacks Rank in Industry	**N/A**

ZACKS ESTIMATES

Revenue
(in millions of $)

	Q1 (Apr)	Q2 (Jul)	Q3 (Oct)	Q4 (Jan)	Year (Jan)
2017	$0.03 A	$0.02 A	$0.03 A	$0.02 A	$0.10 A
2018	$0.02 A	$0.03 E	$0.04 E	$0.50 E	$0.59 E
2019					$15.0 E
2020					$62.5 E

Earnings per Share
(EPS is operating earnings before non recurring items)

	Q1 (Apr)	Q2 (Jul)	Q3 (Oct)	Q4 (Jan)	Year (Jan)
2017	-$0.17 A	-$0.18 A	-$0.12 A	-$0.09 A	-$0.52 A
2018	-$0.08 A	-$0.07 E	-$0.07 E	-$0.07 E	-$0.30 E
2019					-$0.16 E
2020					$0.25 E

Zacks Projected EPS Growth Rate - Next 5 Years % **N/A**

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WHAT'S NEW

BPMX Exited Fiscal First Quarter with a Strong Balance Sheet

Total revenue for the fiscal first quarter ended April 30, 2017 was $19,000, as compared to $33,000 for the same period of last year.

Total operating expenses for the first quarter of 2018 were $5.0 million, compared with total operating expenses of $4.5 million in the prior fiscal year's first quarter. The increase resulted primarily from higher spending for the company's acne drug clinical trials, offset by lower spending on advertising and promotions related to the company's Violet product.

Net loss for the first quarter of 2018 was $5.4 million, or $0.08 per share, compared with a net loss of $4.5 million, or $0.17 per share, during the prior fiscal year's first quarter.

Adjusted non-GAAP net loss for the first quarter of 2018 was $4.6 million, or $0.07 per share. During the first quarter of the prior year, the comparable non-GAAP net loss was $4.2 million, or $0.16 per share.

Cash and cash equivalents as of April 30, 2017 were $6.7 million.

In late April, 2017, BioPharmX closed a registered direct offering for the purchase and sale of 6,410,258 shares of common stock at a price of $0.78 per share with 50% warrant coverage (representing warrants to purchase up to 3,205,129 shares of common stock). The warrants will be exercisable at an exercise price of $0.90 per share beginning six months following the closing date and will expire five years from the date they become exercisable. The gross proceeds of the offering were approximately $5.0 million.

Net proceeds of the offering will be used to advance the BioPharmX dermatology-focused drug delivery and clinical programs, including advancing the company's lead product BPX-01, and general corporate purposes.

The new financing immediately boosted the company's balance sheet. Current cash in hand will provide funds sufficient to complete the company's **Phase IIb** studies of BPX-01.

Update on BPX-01 for Acne

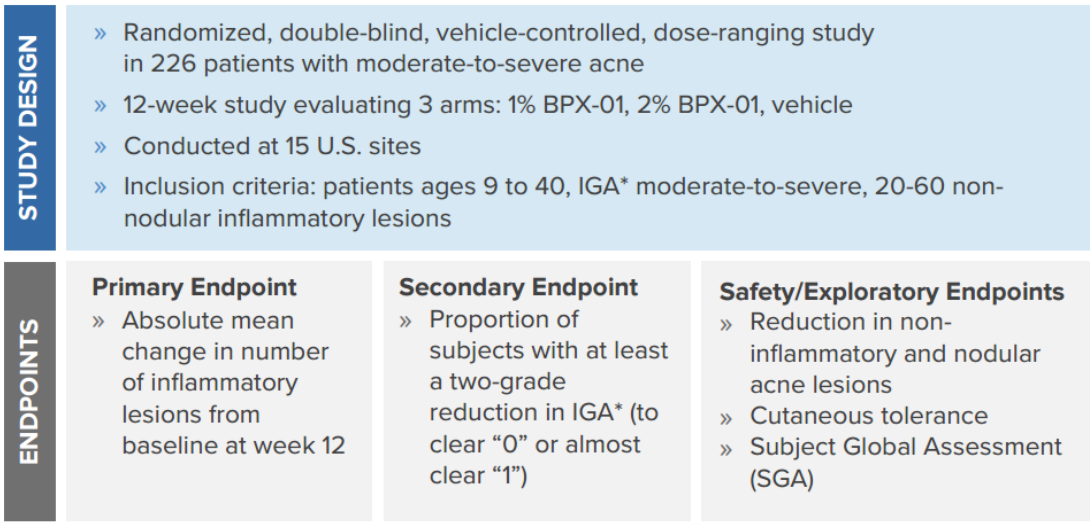
BioPharmX is developing **BPX01**, a non-lipophilic, topical antibiotic for the treatment of **acne**. BPX01 utilizes a **transepidermal delivery mechanism** for minocycline and other APIs that has the potential to kill p. acnes bacteria without the systemic side effects of orally-administered antibiotics.

Comprehensive Phase IIb Data

On June 1, 2017, BPMX reported comprehensive data from its **Phase IIb** clinical trial assessing the efficacy and safety of **BPX-01** for the treatment of **acne vulgaris**. The study is formally known as the **OPAL** (tOPicAL Minocycline Gel) study.

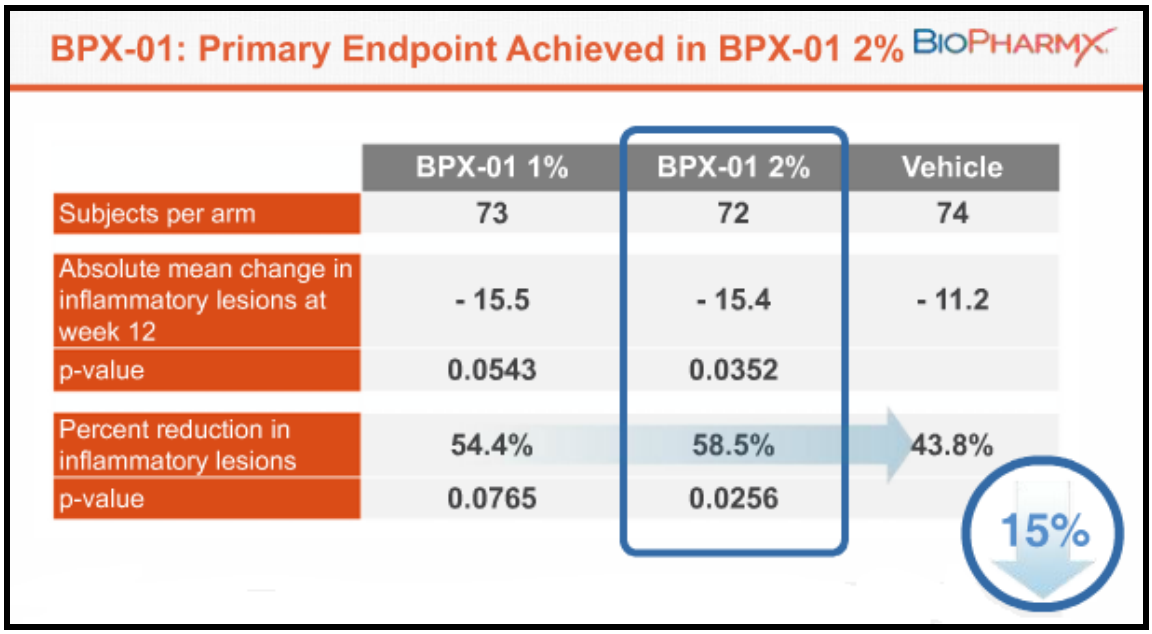
The **12-week**, multi-center, double-blind, three-arm, vehicle controlled OPAL study evaluated **226 people**, aged 9 to 40, who have moderate-to-severe inflammatory, non-nodular acne vulgaris. Safety was assessed by physical examination, clinical laboratory tests, cutaneous tolerance scores and incidence of adverse events.

- The primary efficacy endpoint for the study is mean change from baseline in inflammatory lesion counts at Week 12.
- The secondary efficacy endpoint is achievement of at least a two-grade reduction in Investigator Global Assessment (IGA) at Week 12 compared to baseline.

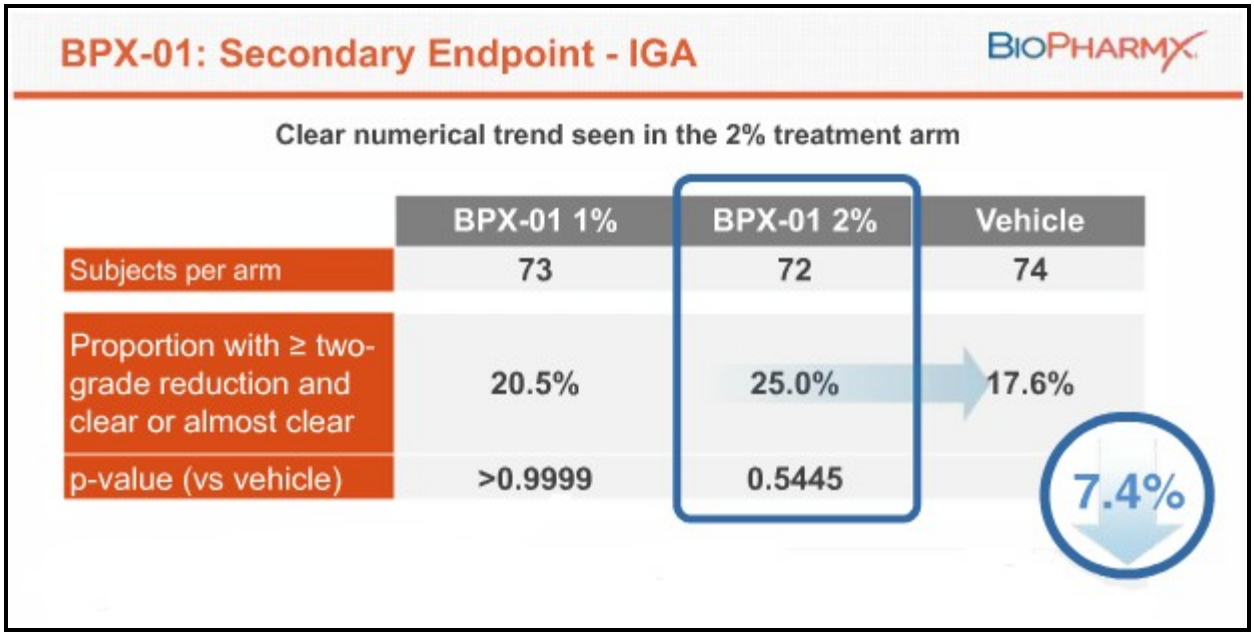


The principal investigator is Joely Kaufman, a board-certified dermatologist at The Skin Research Institute in Miami and fellow of the American Academy of Dermatology.

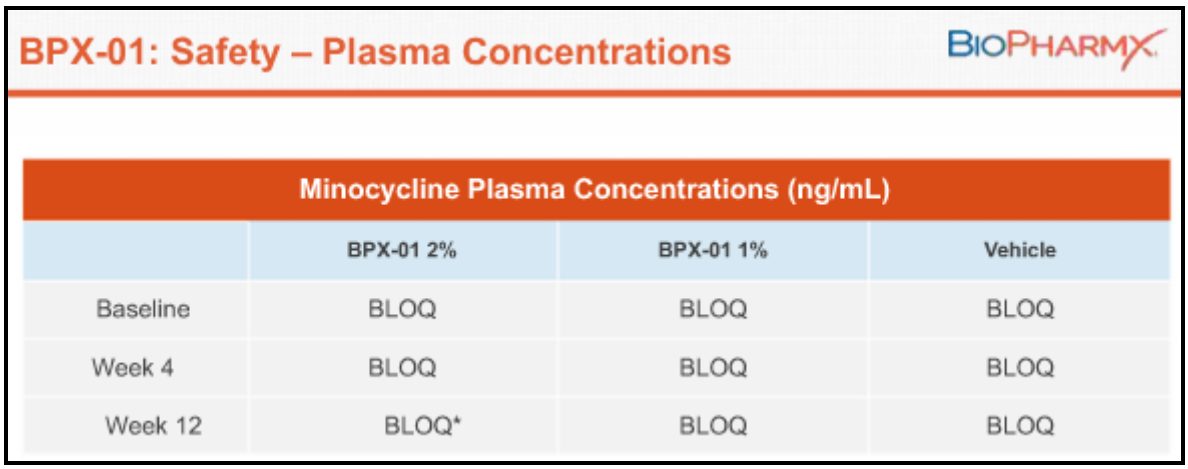
In the Phase IIb study, the **2% concentration** achieved statistical significance for its reduction in inflammatory lesion count at **week 12,** the primary endpoint, as well as inflammatory lesion reduction percentage. The 1% concentration was not statistically significant on the primary endpoint of lesion count reduction or lesion reduction percentage. Analysis reflects the intent to treat (ITT) population of 219 and imputation for the last observation carried forward (LOCF) was applied.



A two-grade reduction in IGA score to clear "0" or almost clear "1" will be required in the planned Phase III study, therefore the company included **IGA as a secondary endpoint** in its Phase IIb study to help inform the design of the pivotal Phase III program. The trial was not powered for statistical significance for IGA, however, BioPharmX observed a clear numerical trend in the BPX-01 2% arm compared to vehicle. Comprehensive results included imputation for the LOCF, consistent with primary endpoint analysis.

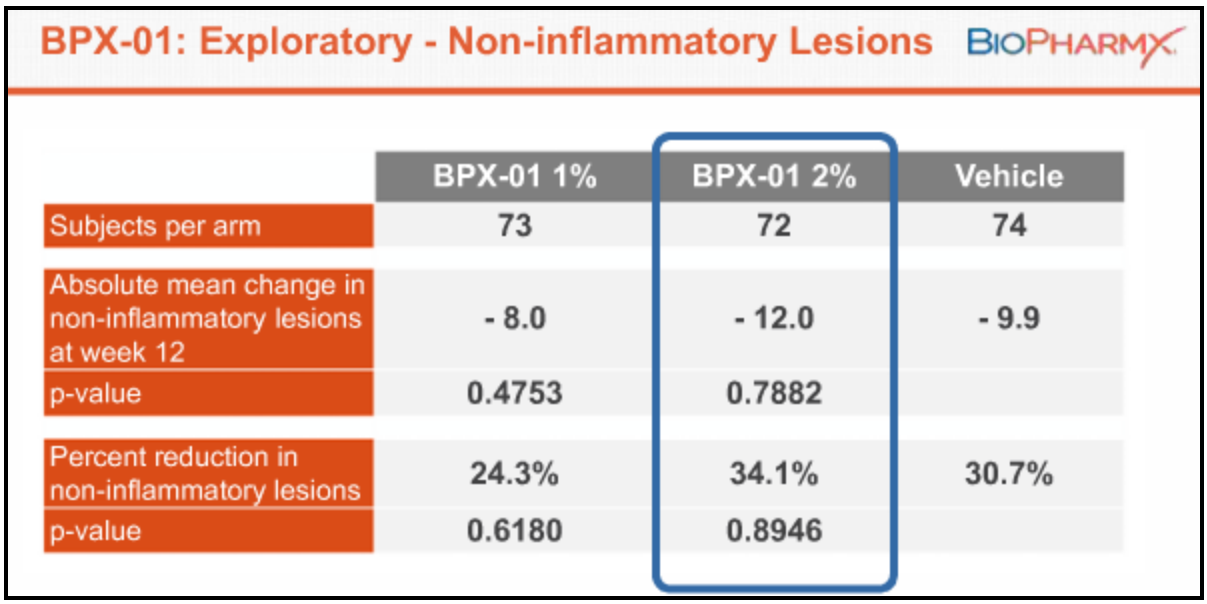


BPX-01 appeared to be generally well tolerated. There were no serious drug-related adverse events (AEs). The most common adverse events reported across all three treatment arms were upper respiratory infection (2.7%), nasopharyngitis (2.7%) and mild headache (1.8%). The BPX-01 Phase IIb study measured minocycline plasma concentrations based on a limit of quantification (LOQ) of 10 ng/ML. No detectable levels of minocycline were found in the bloodstream of patients using the topical minocycline with the exception of a single patient whose plasma minocycline level was 42 ng/mL with no reported adverse events.



Minocycline Plasma Concentrations (ng/mL)			
	BPX-01 2%	BPX-01 1%	Vehicle
Baseline	BLOQ	BLOQ	BLOQ
Week 4	BLOQ	BLOQ	BLOQ
Week 12	BLOQ*	BLOQ	BLOQ

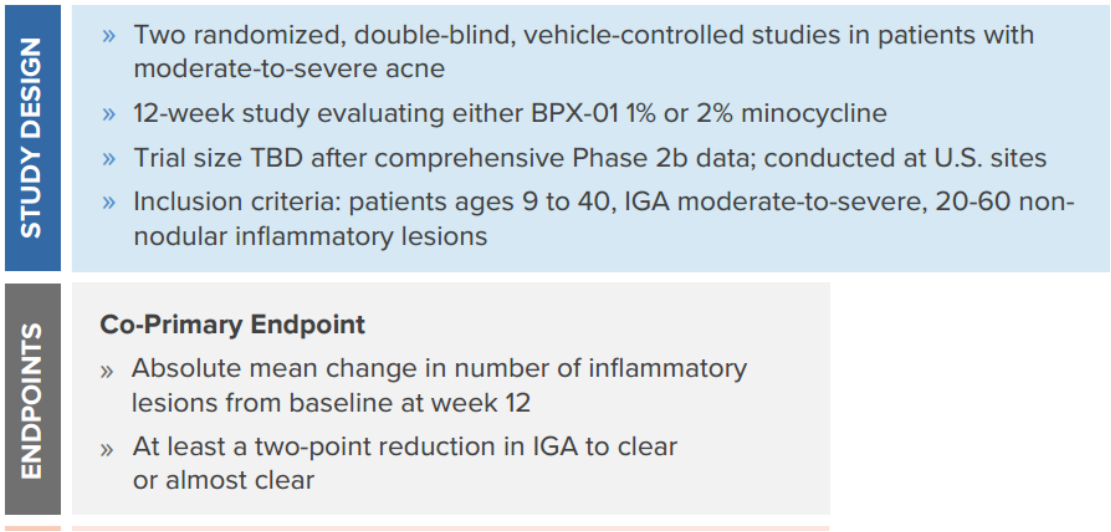
Non-inflammatory (NIN) lesion counts were studied only as an exploratory endpoint as they were not part of the label claim of the reference listed drug. In the BPX-01 2% arm, NIN lesion counts (-12.0 vs. -9.9, p=0.7882) and percentage changes (34.1% vs. 30.7%, p=0.8946) were observed. In the BPX-01 1% arm, NIN lesions counts (-8 vs. -9.9, p=0.4753) and percentage changes (24.3% vs. 30.7%, p=0.6180) were observed.



	BPX-01 1%	BPX-01 2%	Vehicle
Subjects per arm	73	72	74
Absolute mean change in non-inflammatory lesions at week 12	- 8.0	- 12.0	- 9.9
p-value	0.4753	0.7882	
Percent reduction in non-inflammatory lesions	24.3%	34.1%	30.7%
p-value	0.6180	0.8946	

Phase III Study Planned in 3Q17

The company plans to use the Phase IIb data for the design and powering of **Phase III** trial.



Biopharmx plans to hold an end of Phase II meeting with the FDA. With the input from the agency, the company plans to initiate the Phase III study in **3Q17**.

During the fiscal fourth quarter of 2017, the company also presented research at seven leading medical conferences suggesting that BPX-01 delivers both antibacterial and anti-inflammatory benefits in the treatment of acne. The presentations also reported novel imaging techniques, suggesting that BPX-01 effectively targets P.acnes in the skin without the systemic side effects of oral minocycline.

BPMX intends to pursue regulatory approval of BPX01 under Section 505(b)(2) of the FDC Act. The 505(b)(2) regulatory pathway may reduce the drug development risks and costs by using prior findings of safety and/or efficacy for an approved product. In BPX01 case, part of the safety and efficacy data from the oral formulation of minocycline may be used for the filing of a NDA for BPX01.

If everything goes well, we estimate BPX01 will be approved by the FDA in calendar 2019. Peak sales of BPX01 should be around $450 million.

A Revisit to the Phase IIa Study

In March 2016, the company initiated a **Phase IIa** clinical study for BPX-01. The Phase IIa clinical study, conducted by KGL Skin Center, a Philadelphia-based independent clinical research facility, will assess the safety of BPX-01 in **30 patients** randomized to 30 days of treatment with either BPX-01 or a placebo. The endpoints of this study include reduction of Propionibacterium acnes (P. acnes) and cutaneous tolerance of the BPX-01 formulation. This is the first clinical study in the clinical development program for BPX-01.

The principal investigator is Dr. Stuart Lessin, a board-certified dermatologist who serves as KGL's medical director.

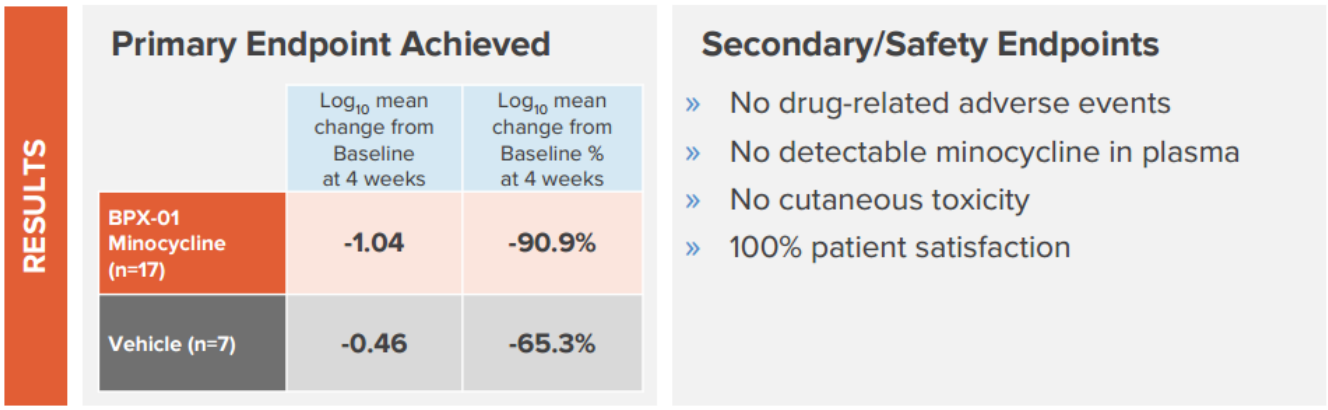
On April 25, 2016, BioPharmX announced that it has **completed enrollment** for the Phase IIa study.

On August 22, 2016, the company released **final findings** from the Phase IIa study.

Daily application of BPX-01 resulted in a statistically significant reduction of P. acnes at four weeks compared to baseline. The reduction at four weeks was also statistically significant between BPX-01 and the vehicle control. No adverse cutaneous effects were observed, no clinically significant hematologic or chemistry alterations occurred, and no minocycline was detected in the plasma at any timepoint.

The reduction of P. acnes was **91 percent** after four weeks of using BPX-01, a significant improvement for a topical formulation.

The reduction in P. acnes achieved in the Phase IIa study is similar to that reported in a 1996 study that effectively defined oral minocycline as the superior antimicrobial to fight P. acnes.



BPX-01 is the first **topical gel** formulation of minocycline that can penetrate the skin to deliver the antibiotic to the site of acne development in the pilosebaceous unit. BPX-01 is the first and only stable hydrophilic (non-oil-based) topical gel with fully solubilized minocycline. The study's patient exit survey indicated 100 percent satisfaction with BPX-01's usability and tolerability.

One recognized issue with oral minocycline is that – even though it is the antibiotic most commonly prescribed for the treatment of P. acnes – it enters the patient's bloodstream and can cause unwanted side effects. The BPX-01 Phase IIa study found no detectable levels of minocycline in the bloodstream of patients using the topical minocycline. The study also found no cutaneous toxicity and no adverse effects.

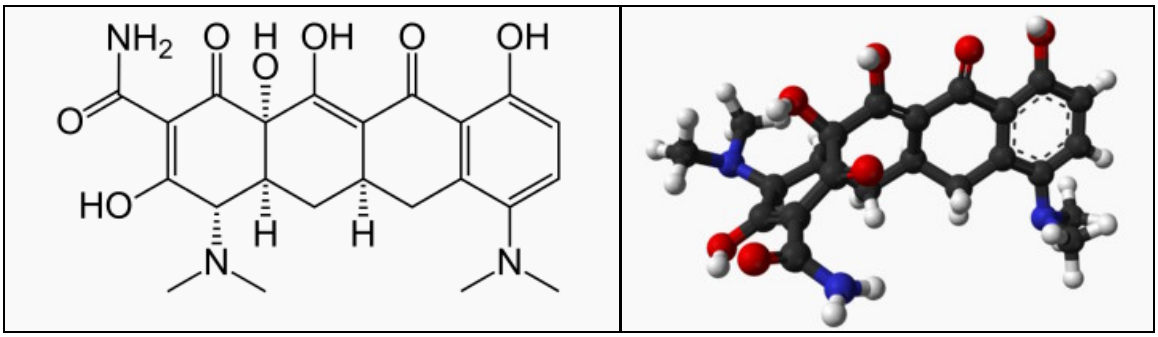
Further, results of a 28-day clinical PK study found no detectable minocycline in skin after two weeks of daily oral treatment with a 1-2 mg/kg dose, but did show minocycline concentrations in the plasma. A

separate oral gavage versus BPX-01 minipig study also found minocycline in the plasma for minipigs in the oral group, but no minocycline in the plasma for the topical group. At the same time, the minipig study detected minocycline in the skin of the topical group, but found no minocycline in the skin of the oral group.

Background on Minocycline

Minocycline is a broad-spectrum tetracycline antibiotic, and has a broader spectrum than the other members of the group. It is a bacteriostatic antibiotic, classified as a long-acting type. As a result of its long half-life it generally has serum levels 2–4 times that of the simple water-soluble tetracyclines.

Minocycline is the most lipid-soluble of the tetracycline-class antibiotics, giving it the greatest penetration into the prostate and brain, but also the greatest amount of central nervous system (CNS)-related side effects, such as vertigo. A common side effect is diarrhea. Uncommon side effects (with prolonged therapy) include skin discoloration and autoimmune disorders that are not seen with other drugs in the class.



Structure of Minocycline

Minocycline and doxycycline are the two most frequently used oral antibiotics for the treatment of acne vulgaris. Both of these closely related antibiotics have similar levels of efficacy, although doxycycline has a slightly lower risk of adverse side effects.

The most common **side effects** of minocycline include upset stomach, diarrhea, dizziness, unsteadiness, drowsiness, mouth sores, headache and vomiting. Occasionally minocycline therapy may result in autoimmune disorders such as drug related lupus and auto-immune hepatitis. Minocycline can cause *vestibular disturbances* with dizziness, ataxia, vertigo and tinnitus. These effects are again thought to be related to minocycline's greater penetration into the central nervous system. Vestibular side effects are much more common in women than in men, occurring in 50% to 70% of women receiving minocycline. As a result of the frequency of this bothersome side effect, minocycline is rarely used in female patients.

BPX01's Advantages over Oral Minocycline

All the side effects discussed above limit the use of **oral minocycline** for the treatment of acne. As a result, BioPharmX formulated BPX01 as a topical cream using a proprietary drug delivery technology. BPX01 is a new anhydrous, non-oil based topical antibiotic targeting acne bacteria.

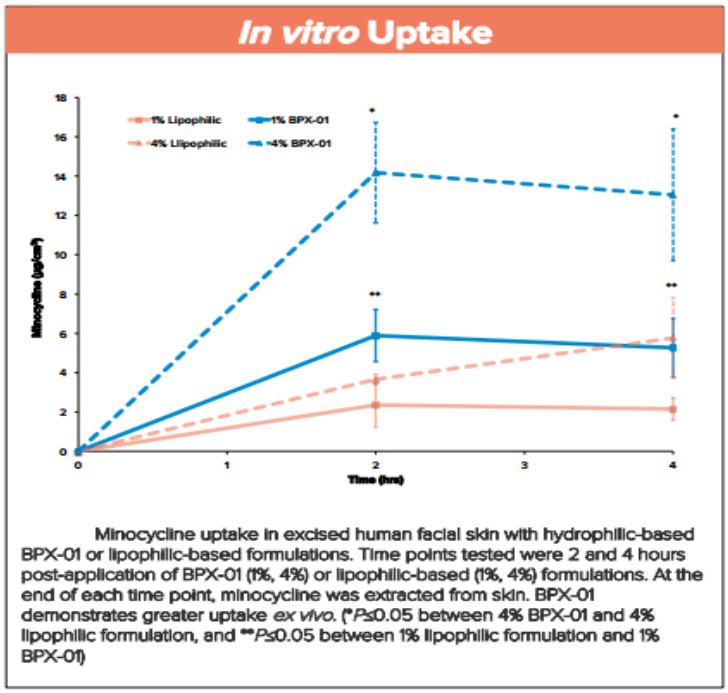
BPX01 is designed to have several advantages compared to both orally-administered and other topically-administered retinoid- and antibiotic-based solutions. Advantages of BPX01 include:

- topical delivery of minocycline,
- controlled dosages targeted directly to affected area,
- increased delivery of API at low dosages,
- non-lipophilic design allowing for faster absorption by the skin,

- potential lower risk of systemic side effects common to orally administered antibiotics,
- Gel-like form rubs on like a sanitizer.

In addition, BPX01 has been shown in pre-clinical studies to possess **anti-inflammatory** properties, which reduce swelling and slow hyper-cornification.

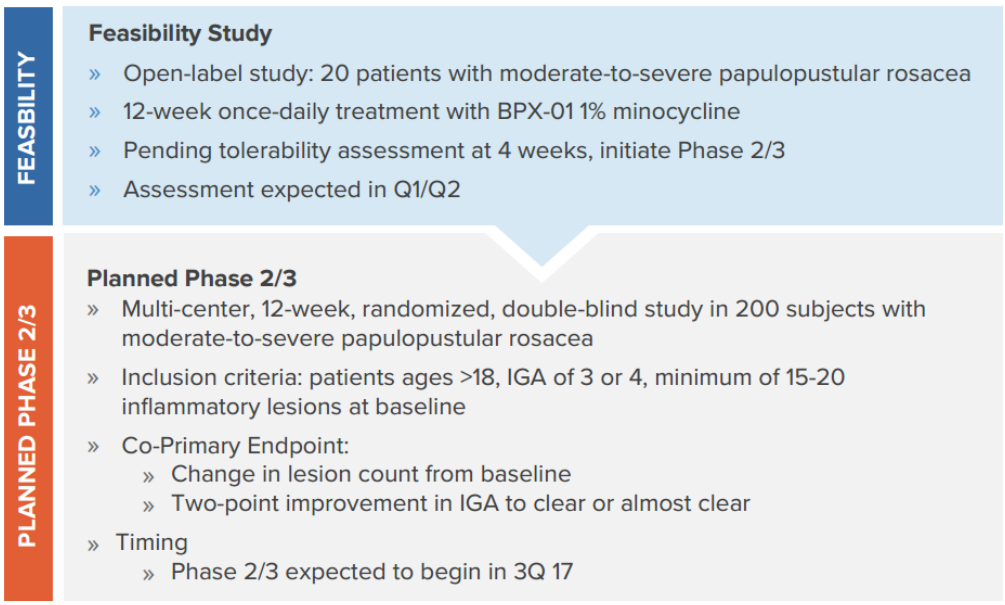
During the third quarter, the company presented pre-clinical data at three key dermatology seminars suggesting that a 1% dose of minocycline in BPX-01 can work as well as the 4% topical products that are under development by competitors, lowering the likelihood of side effects.



Minocycline uptake in excised human facial skin with hydrophilic-based BPX-01 or lipophilic-based formulations. Time points tested were 2 and 4 hours post-application of BPX-01 (1%, 4%) or lipophilic-based (1%, 4%) formulations. At the end of each time point, minocycline was extracted from skin. BPX-01 demonstrates greater uptake *ex vivo*. (*$P \leq 0.05$ between 4% BPX-01 and 4% lipophilic formulation, and **$P \leq 0.05$ between 1% lipophilic formulation and 1% BPX-01)

New Feasibility Study of BPX-01 Was Initiated for Rosacea.

Recently, Biopharmx initiated a 12-week feasibility study of BPX-01 for the treatment of **rosacea.**



This is an open-label study of BPX-01 in 20 patients with moderate to severe papulopustular rosacea. If the feasibility study is positive, the company plans to initiate a **Phase II/III study in 3Q17**.

Rosacea is a common skin disease. It often begins with a tendency to blush or flush more easily than other people. The redness can slowly spread beyond the nose and cheeks to the forehead and chin. Even the ears, chest, and back can be red all the time. With time, people who have rosacea often see permanent redness in the center of their face.

Initiation of Post-Market Phase IV Study for FBC and Cyclic Mastalgia

In March 2016, BioPharmX received institutional review board (IRB) approval to initiate a **Phase IV** study of its **Violet® molecular iodine** supplement for fibrocystic breast condition (FBC) and cyclic mastalgia.

In early April, Health Canada approved the Canadian expansion of this Phase IV study.

The company has engaged **KGK Synergize**, a London, Ontario based clinical research organization, to conduct the study. The study is randomized, double-blind, and placebo controlled trial to evaluate the safety, tolerability and potential benefits of the molecular iodine dietary supplement, Violet, on breast health in women with cyclic breast pain and tenderness.

The Phase IV study will enroll **120 females**, with approximately 80 subjects receiving Violet iodine and approximately 40 subjects receiving the placebo in a double-blind manner. Participants will be instructed to take Violet iodine or placebo daily for six months. Participants receiving placebo in the first study phase will be offered three months of Violet iodine at the conclusion of their participation in the six-month study period. Participants will record symptoms daily using a smart phone app and complete a more in-depth on-site questionnaire and receive a blood draw prior to the study, at three months, and again at six months. Results from this study are expected **by the end of 2016**.

We believe positive data from the study will help the company promote Violet for these above two conditions and will accelerate the revenue growth from this product in 2017 and beyond.

Background of VI_2OLET

As the company's first commercial product, VI_2OLET is a once-a-day OTC dietary supplement **molecular iodine** tablet (3.0 mg daily iodine supplement) that promotes overall breast health and is for the alleviation of benign breast pain associated with fibrocystic breast condition **(FBC).**

The Company commercially launched VI_2OLET at the end of 2014 and is rolling out the product in drug store and retail chains throughout the US. VI_2OLET is currently available for sale in approximately 2,960 CVS retail pharmacy chains, 650 Vitamin Shoppe stores, and Harris Teeter grocery stores throughout the United States, as well as online through drugstore.com and walgreens.com.



In November, 2015, BioPharmX added 3,025 **GNC store** locations supplying Violet® iodine, raising its U.S. retail footprint to more than 7,500 stores. Availability of Violet iodine at GNC is expected to begin in **mid-December**.

GNC is a leading global specialty retailer of health and wellness products and is devoted to helping its customers improve the quality of their lives. We believe the addition of GNC stores will accelerate VI_2OLET revenue growth in the coming quarters.

The commercial launch of VI_2OLET iodine is supported by an extensive consumer marketing program targeting women between the ages of 30 and 44. With a combination of brand and shopper marketing, both nationally and locally, the company is generating awareness, engagement, education, consideration and purchase interest.

So far, revenue from the product sales is minimal, but the growth (from $5000 in fiscal 2Q15 to $20,000 in fiscal 3Q15, and to $35,000 in fiscal 4Q15) has been impressive. We believe the product will generate meaningful revenue for the company in calendar 2017 and beyond resulting from the company's focused and integrated marketing strategy.

VI_2OLET iodine is the only OTC molecular iodine dietary supplement that addresses cyclic breast discomfort and is clinically demonstrated to alleviate the symptoms associated with fibrocystic breast changes including tenderness, swelling and aches. The company's patented molecular iodine (I_2) formula is delivered to breast tissue and reduces the breast cell build-up that results in breast discomfort. Women who suffer from menstrual-related breast discomfort are recommended to take one tablet per day on an empty stomach for at least 60 days to realize initial symptom relief. They may take a second tablet every evening if they have more severe symptoms. Additionally, with consistent daily use, VI_2OLET iodine has been shown to help maintain healthy breast tissue.

Update on BPX02, A Biologic for Dermatology

BioPharmX has a collaboration and supply agreement with **NuTech**, a private biologics company specializing in the spinal and orthopedics market. This agreement describes the collaboration between Nutech and BioPharmX to develop products in the field of dermatology. Products and intellectual property developed under this agreement are exclusively owned by BioPharmX and licensed to NuTech for use in indications outside of dermatology. In exchange for an exclusive license to NuTech's intellectual property in the field of dermatology, BioPharmX will pay to NuTech a royalty of 3% of net sales on product sold in the field of dermatology. In exchange for granting NuTech an exclusive license to BioPharmX IP and IP developed in collaboration with NuTech in indications outside of dermatology, BioPharmX shall receive from NuTech a royalty of 3% of net sales on products sold by them.

BPX02, which is developed in collaboration with NuTech, is a biologic for the dermatology indications. This candidate is still in R&D stage as the company continues to make progress in the development of a prescription drug formulating biologics materials for a dermatology application.

We believe BPX02 will further strengthen the company's dermatology franchise. We will keep investors posted when we have any update on this product development.

Valuation Attractive

We reiterate our fair value for Biopharmx of $4.5 per share.

BPMX is a specialty pharmaceutical company with a focus on **women's health** and **dermatology**. We believe that the industry dynamics in the areas of women's health and dermatology represent significant opportunities for innovative new products to emerge as attractive solutions for unmet needs in multi-billion dollar therapeutic categories. In particular, we believe that both the women's health and dermatology markets are large specialty markets with significant global patient demand.

On the front of **women's health**, BPMX is marketing an OTC molecular **VI_2OLET** for the treatment of fibrocystic breast condition (FBC). Although sales of VI_2OLET have been minimal so far since it was launched at the end of 2014, we believe sales could pick up steam soon due to the company's focused and integrated marketing strategy and expected positive **Phase IV** data in 2017.

In addition to the marketed OTC product VI_2OLET, BioPharmX is also developing BPX03, the company's prescription molecular iodine, for FBC. **BPX03** will enter pivotal **Phase III** trial soon, which we expect will be approved in 2018. If approved, BPX03 will complement the company's currently marketed OTC molecular Iodine VI_2OLET. With both OTC and prescription Iodine, BPMX is poised to become the market leader in FBC market.

The multibillion-dollar **acne market** is the next target for BioPharmX. The company's **BPX01,** a topical formulation of minocycline, has entered to Phase II study. If everything goes well, we expect BPX01 to be approved in 2019. The company's dermatology franchise will be further boosted by the successful development of **BXP02**, a biologic under R&D stage for the dermatology indications.

With three products on the market in 2019, BioPharmX will become a key player in the two targeted markets of women's health and dermatology.

We are also happy with the company's development strategy. BPMX utilizes a unique strategy designed to bring new products to market by identifying optimal delivery mechanisms and/or alternative applications for FDA-approved active pharmaceutical ingredients (APIs). A big advantage of the company's strategy is that it can reduce the time, costs and risks typically associated with new product development by repurposing drugs with demonstrated safety profiles, taking advantage of the regulatory approval pathway under Section **505(b)(2)** of the Federal Food, Drug and Cosmetic Act available for repurposed/reformulated drugs.

With all that said, when it comes to the company's valuation, we believe the company's shares still have enough room for further appreciation. Currently the company's shares are trading at about $0.5 per share, which values the company at $36 million in market capitalization based on 74 million outstanding shares. This is certainly a deep discount.

As we discussed above, by 2019, BioPharmX will have three commercially available products targeting the two big markets: women's health and acne. Based on our financial model, BPMX will become profitable in fiscal 2020 with an earnings per share (EPS) of $0.25 based on total revenue of $62.5 million. Considering the company's growth potential, we think a P/E multiple of 35, which is the biotech industry's average P/E ratio, should be used to value the company. Therefore, we come up with our price target of $4.50 per share based on the 35x P/E ratio, discounted at 25% for three years. Our price target of $4.50 per share values the company at $330 million in market cap, which is still conservative in our view.

But keep in mind the **risks**.

Our model assumes product approval of BPX03 and BPX01 in 2018 and 2019 respectively. Investors should know that any drug development is a high risk business that will navigate through both clinical and regulatory hurdles, which has proven to be high. Although the company's development strategy reduces risks associated with drug development, **a failure of clinical trial or/and regulatory approval** can't be completely ruled out. This will make the company's shares to decline dramatically.

Another concern we have is the company's **cash balance**. Although recent financings boosted its balance sheet, we believe the company may need to raise new funds to advance its pipeline, specifically for the Phase III study of BPX01 and Phase III study of BPX03. We remind investors that any equity financing will dilute existing shareholder base, and cause share price to decline.

But overall, we think BPMX is a name with relatively favorable risk/reward profile for investors with a long-term investment horizon.

INCOME STATEMENT

	Jan2017					Jan2018					2019	2020
$ in millions except per share data	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FYE	FYE	FYE
License Revenue	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
YOY Growth	-	-	-	-	-	-	-	-	-	-	-	-
Grant/contract Revenue	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
YOY Growth	-	-	-	-	-	-	-	-	-	-	-	-
Product Sales	$0.03	$0.02	$0.03	$0.02	$0.10	$0.02	$0.03	$0.04	$0.50	$0.59	$15.00	$62.50
YOY Growth	*725.0%*	*280.0%*	*65.0%*	*-57.1%*	*56.3%*	-	-	-	-	-	-	-
Total Revenues	**$0.03**	**$0.02**	**$0.03**	**$0.02**	**$0.10**	**$0.02**	**$0.03**	**$0.04**	**$0.50**	**$0.59**	**$15.00**	**$62.50**
YOY Growth	*725.0%*	*280.0%*	*65.0%*	*-57.1%*	*56.3%*	*-42.4%*	*57.9%*	*21.2%*	*3233.3%*	*489.0%*	*2446.7%*	*316.7%*
Cost of Revenue	$0.02	$0.02	$0.03	$0.45	$0.52	$0.01	$0.01	$0.01	$0.20	$0.23	$3.00	$12.50
Gross Income	**$0.01**	**$0.00**	**$0.01**	**($0.44)**	**($0.42)**	**$0.01**	**$0.02**	**$0.03**	**$0.30**	**$0.36**	**$12.00**	**$50.00**
Gross Margin	*39.4%*	*10.5%*	*15.2%*	*-2906.7%*	*-416.0%*	*42.1%*	*63.3%*	*70.0%*	*60.0%*	*60.3%*	*80.0%*	*80.0%*
R&D	$2.2	$3.0	$2.5	$2.5	$10.2	$2.9	$3.0	$3.2	$3.5	$12.6	$9.5	$11.5
% R&D	*6584.8%*	*15647.4%*	*7536.4%*	*16833.3%*	*10158.0%*	*15478.9%*	*10000.0%*	*8000.0%*	*700.0%*	*2146.2%*	*63.3%*	*18.4%*
SG&A	$2.3	$2.1	$1.7	$1.8	$7.9	$2.1	$2.1	$2.2	$2.3	$8.7	$15.0	$17.0
% SG&A	*6969.7%*	*10863.2%*	*5100.0%*	*12033.3%*	*7852.0%*	*11052.6%*	*7000.0%*	*5500.0%*	*460.0%*	*1477.1%*	*100.0%*	*27.2%*
Other expenses	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
% Other	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*
Operating Income	**($4.5)**	**($5.0)**	**($4.2)**	**($4.8)**	**($18.4)**	**($5.0)**	**($5.1)**	**($5.4)**	**($5.5)**	**($21.0)**	**($12.5)**	**$21.5**
Operating Margin	-	-	-	-	-	-	-	-	-	-	-	-
Other Income (Net)	$0.0	$0.0	$0.3	($0.3)	$0.0	($0.4)	$0.0	$0.0	$0.0	$0.4	$0.0	$0.0
Pre-Tax Income	**($4.5)**	**($5.0)**	**($3.9)**	**($5.0)**	**($18.4)**	**($5.4)**	**($5.1)**	**($5.4)**	**($5.5)**	**($21.4)**	**($12.5)**	**$21.5**
Net Taxes (benefit)	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Tax Rate	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*
Reported Net Income	**($4.5)**	**($5.0)**	**($3.9)**	**($5.0)**	**($18.4)**	**($5.4)**	**($5.1)**	**($5.4)**	**($5.5)**	**($21.4)**	**($12.5)**	**$21.5**
YOY Growth	-	-	-	-	-	-	-	-	-	-	-	-
Net Margin	-	-	-	-	-	-	-	-	-	-	-	-
Weighted avg. Shares Out	*26.2*	*28.7*	*31.3*	*56.8*	*35.7*	*67.7*	*68.0*	*72.0*	*75.0*	*70.7*	*80.0*	*85.0*
Reported EPS	**($0.17)**	**($0.18)**	**($0.12)**	**($0.09)**	**($0.52)**	**($0.08)**	**($0.07)**	**($0.07)**	**($0.07)**	**($0.30)**	**($0.16)**	**$0.25**
YOY Growth	-	-	-	-	-	-	-	-	-	-	-	-
One-time charge	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Non GAAP Net Income	**($4.5)**	**($5.0)**	**($3.9)**	**($5.0)**	**($18.4)**	**($5.4)**	**($5.1)**	**($5.4)**	**($5.5)**	**($21.4)**	**($12.5)**	**$21.5**
Non GAAP EPS	**($0.17)**	**($0.18)**	**($0.12)**	**($0.09)**	**($0.52)**	**($0.08)**	**($0.07)**	**($0.07)**	**($0.07)**	**($0.30)**	**($0.16)**	**$0.25**

Source: company filings and Zacks estimates

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