UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 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): September 12, 2017

EYEGATE PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-36672 (Commission File Number) 98-0443284 (IRS Employer Identification No.)

271 Waverley Oaks Road Suite 108 Waltham, MA (Address of principal executive offices)

02452 (Zip Code)

(781) 788-9043

(Registrant's telephone number, including area code)

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:

□ 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company 🗵

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

EyeGate Pharmaceuticals, Inc. (the "Company") hereby furnishes the updated investor presentation attached as Exhibit 99.1 to this Current Report on Form 8-K, which the Company may use in presentations to investors from time to time, including at the 19th Annual Rodman & Renshaw Global Investment Conference, being held September 10-12, 2017 at The Lotte New York Palace Hotel in New York, New York, at which Stephen From, President and Chief Executive Officer of the Company, will be presenting on September 12, 2017 at 10:00 a.m.

The information furnished pursuant to Item 7.01, including Exhibit 99.1, shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, except to the extent that the Company specifically incorporates it by reference.

The information furnished in this report, including Exhibit 99.1, shall not be deemed to constitute an admission that such information or exhibit is required to be furnished pursuant to Regulation FD or that such information or exhibit contains material information that is not otherwise publicly available. In addition, the Company does not assume any obligation to update such information or exhibit in the future.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

The Company hereby furnishes the following exhibit:

99.1 Presentation of the Company, dated as of September 12, 2017.

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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.

EYEGATE PHARMACEUTICALS, INC.

By: /s/ Stephen From Stephen From

President and Chief Executive Officer

Date: September 12, 2017

Exhibit Index

<u>99.1</u> Presentation of the Company, dated as of September 12, 2017.



Providing innovative products that enhance drug efficacy and patient compliance to improve vision

CORPORATE PRESENTATION

EyeGate Pharmaceuticals, Inc. 271 Waverley Oaks Road, Suite 108 Waltham, MA 02452 www.eyegatepharma.com

Forward Looking Statements



Some of the matters discussed in this presentation contain forward-looking statements that involve significant risks and uncertainties, including statements relating to the prospects for the Company's lead product EGP-437, for the timing and outcome of the Company's clinical trials, the potential approval to market EGP-437, and the Company's capital needs. Actual events could differ materially from those projected in this presentation and the Company cautions investors not to rely on the forward-looking statements contained in, or made in connection with, the presentation.

Among other things, the Company's clinical trials may be delayed or may eventually be unsuccessful. The Company may consume more cash than it currently anticipates and faster than projected. Competitive products may reduce or eliminate the commercial opportunities of the Company's product candidates. If the U.S. Food and Drug Administration or foreign regulatory agencies determine that the Company's product candidates do not meet safety or efficacy endpoints in clinical evaluations, they will not receive regulatory approval and the Company will not be able to market them. Operating expense and cash flow projections involve a high degree of uncertainty, including variances in future spending rate due to changes in corporate priorities, the timing and outcomes of clinical trials, regulatory and developments and the impact on expenditures and available capital from licensing and strategic collaboration opportunities. If the Company is unable to raise additional capital when required or on acceptable terms, it may have to significantly alter, delay, scale back or discontinue operations.

Additional risks and uncertainties relating to the Company and its business can be found in the "Risk Factors" section of the Company's Annual Report on Form 10-K filed with the SEC on February 23, 2017. The Company undertakes no duty or obligation to update any forward-looking statements contained in this presentation as a result of new information, future events or changes in the Company's expectations, except as required by applicable law.

The Company uses its website (<u>www.EveGatePharma.com</u>), Facebook page (<u>https://www.facebook.com/_EveGatePharma/</u>), corporate Twitter account (<u>https://twitter.com/EveGatePharma</u>), and LinkedIn page (<u>https://www.linkedin.com/company/135892/</u>) as channels of distribution of information about the Company and its product candidates. Such information may be deemed material information, and the Company may use these channels to comply with its disclosure obligations under Regulation FD. Therefore, investors should monitor the Company's website and its social media accounts in addition to following its press releases, SEC filings, public conference calls, and webcasts. The social media channels that the Company intends to use as a means of disclosing the information described above may be updated from time to time as listed on the Company's investor relations website.

Company Highlights



Near Term Commercial Ophthalmic Company

- De novo FDA 510(k) and CE Mark filings for OBG expected by Mid-Year 2018
 - OBG commercial launch anticipated for Mid-Year 2019
 - Targeting initially ~160,000 240,000 PRK procedures in U.S. annually
- NDA filing expected Q3 2018 for EGP-437
 - Product partnered with Valeant (Bausch & Lomb)

Multiple Upcoming Catalysts

- OBG: PRK Pilot 2 trial top-line data expected by Year-End 2017 / Q1 2018
- OBG: PRK Pivotal trial top-line data expected Q2 2018
- EGP-437 Cataract Surgery Phase 2b top-line data expected by year-end 2017
- EGP-437 Anterior Uveitis Phase 3 trial initiation top-line data expected Q2 2018

Robust pipeline with positive clinical data in hand for all candidates

- Most recently announced positive results from OBG: PRK Pilot trial January 2017
- Clinical utility of hyaluronic acid (HA) well understood, further de-risking OBG product line

Attractive competitive profile

OBG is first and only eye drop in the U.S. targeting acceleration of re-epithelization claim

Validating relationship with Bausch & Lomb (Valeant) for EGP-437

Worldwide rights retained for OBG product line

Clinical Pipeline



Two platforms in the clinic with an expected FDA filing as early as Mid-Year 2018							
		(OBG) Eye Drop: nic Acid (CMHA-S)	Iontophoresis Delivery System: Delivering EGP-437: Corticosteroid				
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Indication(s)	Stage	Upcoming Milestone(s)	Indication(s)	Stage	Upcoming Milestone(s)		
Large Corneal Epithelial Defects (PRK)	Pilot trial YE 2017 or early Q1 2018: completed, Pilot 2 top-line data Positive data Q2 2018: Pivotal top-line data announced Mid-Year 2018: De novo FDA 510(k) and CE Mark filing	Pilot 2 top-line data Q2 2018: Pivotal top-line data	Cataract Surgery	Phase 2b, Positive Phase 1b/2a data announced	 YE 2017: Phase 2b top-line data Q2 2018: Phase 3 initiation Q1 2019: sNDA filing 		
		Anterior Uveitis	Phase 3	 Q2 2018: Phase 3 top-line data Q3 2018: NDA filing 			

Hyaluronic Acid



Hyaluronic acid (HA) is a naturally occurring compound in the body

- ~15 grams of HA in an adult human body
- About 50% in the skin (promotes wound healing), also in the synovial fluid (natural lubricant)
- Rapidly degrades: one-third is naturally turned-over (degraded and synthesized) every day

Properties

High-molecular weight HA is non-immunogenic

High-molecular weight HA binds up to 1,000 times its volume in water weight

HA provides: hydration, lubrication of joints, and providing a meshwork for cell migration

U.S. – Dermatology & Osteoarthritis

HA approved in the U.S. as a device to dress for wound and burn management (dermatology)

• HA injections approved in the U.S. as a device to treat knee pain caused by osteoarthritis

Ex-U.S. – Dry Eye & Wound Healing

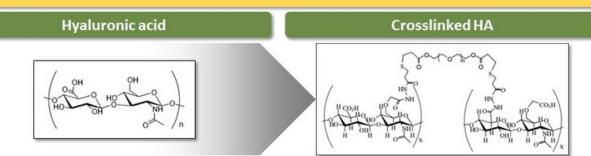
 HA eye drops are the standard of care in Europe and Asia for wound healing, dry eye and/or ocular surface damage

Regulatory Approvals

CMHA-S Platform



Differentiation: CMHA-S is a crosslinked version of Hyaluronic acid



HA crosslinking prevents degradation and increases viscosity

- Crosslinking HA creates a 3D structure that stabilizes the molecule (resists degradation)
- Adheres longer to the ocular surface (90 minutes)
- Higher viscosity that thins with blinking and is non blurring
- Scaffolding matrix that protects the ocular surface

EyeGate's first CMHA-S product is a topical application (eye drop) for treating a wide variety of ocular surface pathologies: corneal epitheliopathies and corneal wounds/defects

- High concentration (0.75%) of crosslinked HA combines healing and hydration without blurring
- Corneal epithelial defects can lead to ocular infections, inflammation, corneal neovascularization, and vision loss
 if not treated promptly and healed rapidly

EyeGate Ocular Bandage Gel (OBG) Demonstrated efficacy and safety across several animal studies Image: Commercially available as a veterinary device Image: Commercial device Image: Comme





B. Ulcer healing after 12 days of using 0.75% CMHA-S

1. EyeGate has human ophthalmic rights only. Visit http://www.bayerdvm.com/show.aspc/remend-cross-linking-video

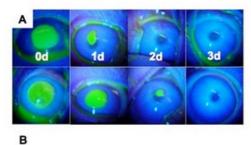
Healing Corneal Abrasions and Alkali Burns

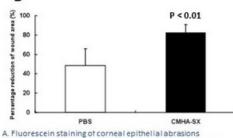


Efficacy Study: Rabbits¹

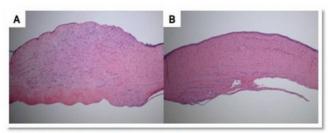
CMHA-S treated central corneal epithelium exhibited a faster wound closure

CMHA-S treated cornea exhibited "more normal" epithelial and stromal organization





B. Quantitative analysis at 24 hours; 49% vs 83% complete



Histology of alkali burn healing

- A. Control at Day 12 central wound with unhealed corneal epithelium
 B. CMHA-S treated central epithelium and corneal stroma showing a better
 - organization than control
- Abrasion: Wound closure complete by 48 hours with CMHA-S
- Burns: Complete re-epithelization at Day 12 for CMHA-S but not for control

1. Guanghui Yang, Ladan Espandar, Nick Mamalis and Glenn D. Prestwich, Veterinary Ophthalmology 2010



First-in-human Clinical Trial Completed

Announced positive data evaluating ability of EyeGate OBG to accelerate corneal surface re-epithelialization following bilateral photorefractive keratectomy (PRK)

- PRK is an efficacious alternative for patients seeking surgical correction of refractive errors who are poor LASIK candidates
- ✓ PRK surgery provides several advantages as indication to evaluate OBG's ability
 - Larger epithelial defects: All eyes randomized at time zero with same size defect
 - <u>Homogenous population</u>: All eyes healthy (i.e. normal stem cell function) and will heal at ~same rate
- ✓ 39 subjects randomized to one of three groups: both eyes received the same treatment
 - <u>Group 1</u>: EyeGate Ocular Bandage Gel QID for 2 weeks after surgery
 - <u>Group 2</u>: EyeGate Ocular Bandage Gel QID for 2 weeks after surgery in combination with a Bandage Contact Lens (BCL)
 - Group 3: BCL and preservative-free artificial tears



Data from First-in-human Clinical Trial

Excellent safety and tolerability

- No adverse events in OBG arm
- No corneal haze out to Day 28

✓ ~30% more patients healed by Day 3 with OBG alone than standard-of-care (BCL+AT)

Additionally, wound size was as much as ~36% smaller as early as Day 1 (24 hours post surgery) with OBG alone

			2		Surface A	area (mm²)	
	# Subjects	Closed Wound: Day 3		Day 1		Day 3	
	per arm	#	%	Horizontal	Vertical	Horizontal	Vertical
Arm 1: OBG	12	10	83.3%	4.1	4.5	0.10	0.20
Arm 2: OBG + BCL	14	9	64.3%	6.3	6.50	0.30	0.30
Arm 3: BCL + AT ¹	13	7	53.8%	6.4	6.20	0.60	0.60
Total Subjects Enrolled	39						
OBG: % better than BCL			54.8%	35.9%	27.4%	83.3%	66.7%

1. BCL = bandage contact lens and AT = artificial tears

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Eye Drop Regulated as Device

Meeting with FDA (Nov 2016) confirms device de novo 510(k) filing available for OBG

Device - Indication for Use (IFU): Acceleration of re-epithelialization of large corneal epithelial defects in patients having undergone PRK

- Broader IFU: Demonstrate benefit in additional clinical trial(s) based on size of defect and not a specific underlying cause or indication
 - Superiority claim against standard-of-care not necessary

CMHA-S

Provides Hydration

Promotes and Accelerates re-epithelization (wound healing)

Exhibits "more normal" epithelial and stromal organization and morphology

POTENTIALLY FASTER RESTORATION OF VISION AND BETTER VISUAL OUTCOMES

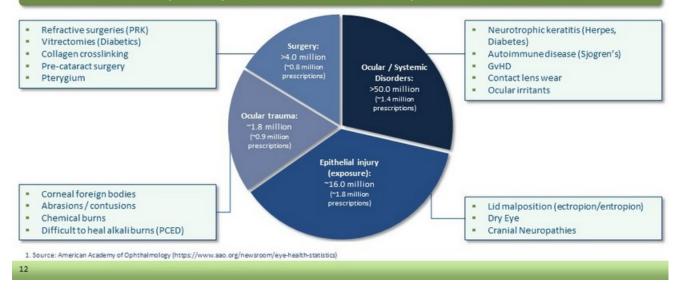




EyeGate has exclusive worldwide commercial rights to CMHA-S for use in human ocular space

- De novo FDA 510(k) filing targeted for Mid-Year 2018, potentially commercializing Mid-Year 2019
 - Estimate 160,000 240,000 PRK procedures¹ in the U.S. annually
 - Expanded commercial use including SPK/dry eye anticipated for Year-End 2019
- European CE Mark targeted for H1 2018, potentially commercializing late 2018

Corneal Epitheliopathies and Corneal Defects/Wounds: U.S. Numbers



CMHA-S Solid or Film Formulations (2 Versions)



Ocular Surface Shield: Department of Defense SBIR Phase 2 Grant

A sterile, field-stable product easily applied to immediately protect and promote healing of the ocular surface

Desired Properties of the Film:

- Easy to place, requiring no sutures or glue
- Allows for immediate stabilization of the eye following trauma
- ✓ No refrigeration or freezer required: Room stable
- Prevents adhesions and scar formation between the globe and the conjunctiva

Delivery Vehicle: Sustained-Release Film

Films/Pellet: Sustained-release delivery vehicle placed in inferior fornix

- Release Profile: High-load product released out to 12 weeks (in vitro study)
- Retention Rate: Re-engineering design for longer retention on eye
- Delivery vehicle for short or long-term acute or chronic conditions including
 - Antibiotic: bacterial conjunctivitis / keratitis
 - Antihistamine: seasonal / perennial allergies
 - Prostaglandins: glaucoma



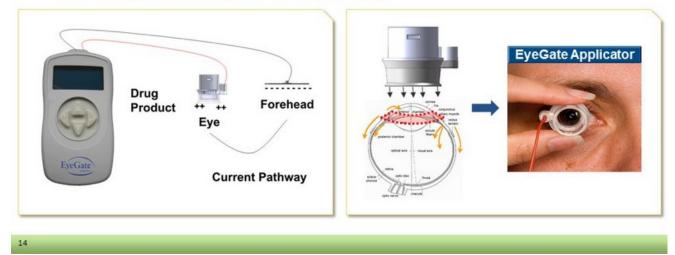


Iontophoresis Delivery Platform



A non-invasive method of propelling charged active compounds into ocular tissues

- Small electrical current (constant); current has same charge as active substance (drug)
- Electrode creates repulsive electromotive forces (like charges repel)
- ✓ Drug migrates toward return electrode, mobility a function of molecular weight and charge
- ✓ Drug dose controlled by 2 variables: Current (mA) x application time (minutes)
- ✓ Easy to use: ophthalmologist or optometrist in <5 minutes
- ✓ More than 2,400 treatments performed in office setting

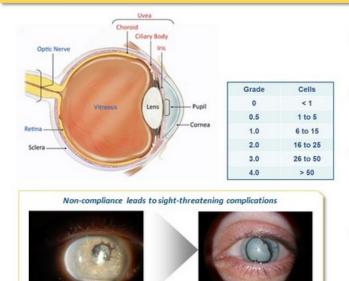


EGP-437: A Potent Anti-inflammatory Agent



(corticosteroid - dexamethasone phosphate)

Two indications licensed by Valeant: cataract surgery and anterior uveitis



- Etiology assault based (cataract surgery) vs primarily auto-immune (uveitis)
- Inflammation of uveal tissue including iris and/or ciliary body
- Inflammation severity determined by number of white blood cells in the anterior chamber of the eye (slit-lamp used)
- Primary end-point is proportion of subjects with zero cells in EGP-437 arm vs control arm

Cataract surgery incidence: ~4 million¹ annually in U.S. Uveitis incidence: ~26.6 to 102 per 100,000 annually in U.S.

1. Market Scope, 2015 Comprehensive Report on The Global IOL Market, June 2015

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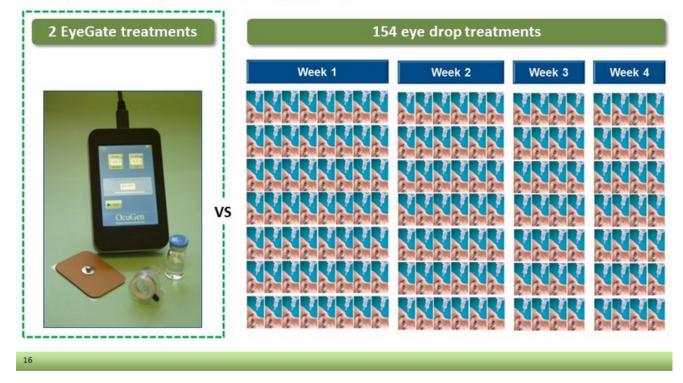
EGP-437: A Highly Differentiated Product

Dramatically Reduces Patient Burden

EyeGate

Standard of care for both indications: corticosteroid eye drops

Example from first pivotal anterior uveitis trial...



Cataract	Surgery
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EGP-437 demonstrated safe and effective in reducing inflammation and preventing pain as early as Day 1 with two different iontophoretic doses

Trial Design

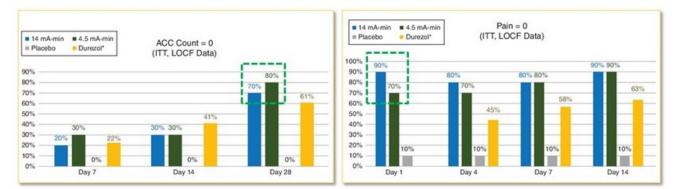
- 80 subjects who underwent unilateral cataract extraction with a monofocal intraocular lens
- 7 cohorts whereby EGP-437 was delivered in iontophoretic doses of 4.0 mA-min, 4.5 mA-min, 9.0 mA-min and 14.0 mA-min, 1 placebo cohort at 14.0 mA-min
- Different dosing regimens: 2 or 3 doses, Day 0, Day 1, Day 4 and potential for additional treatment on Day 7
- Primary outcomes:
 - Proportion of subjects with anterior chamber cell (ACC) count of zero
 - 2 Proportion with pain score of zero

Cataract Surgery



Positive results announced

EGP-437 demonstrated safe and effective in reducing inflammation and preventing pain



Cohorts receiving the 4.5 mA-min and the 14 mA-min doses of iontophoretic EGP-437 generated the most encouraging results

- Cell count (ACC) of zero in 20-30% of patients at day 7 and 70-80% of patients at Day 28
- Percentage of patients in 4.5 and 14 mA-min doses with zero pain on day 1 was 70% and 90% respectively

Phase 2b trial ongoing with top-line data targeted for year-end 2017

1. Durezol data from CDER Application Number 22-212: Medical Review for Durezol, studies ST-601A-002a and 002b. Durezol data shown is based on combined data from both studies. QID dose, ITT, LOCF. EGP-437 data from 14mA-min dosed on Days 0, 1, and 4 (some subjects received additional dose at Day 7) and is ITT, LOCF.

Anterior Uveitis

EyeGate

Initial Phase 3 Non-Inferiority Trial

	Trial Design							
Day 0	Day 7	Day 14	Day 28					Day 56
We	ek 1		+4 V	eek5	Week 6	Week 7	Week 8	
0	iP-437	Visit 3 Primary endpoint proportion of patients w/ ACC count = 0	= 2 EG	P-437 ionto	lomized 2 arms - ophoresis treatment phoresis treatment	its + placebo eye d		Visit 5
1	54 Placebo	eye drop installations	•		follow-u	up period		
154 Pred Acet eye drop installations			s	follow-up period				

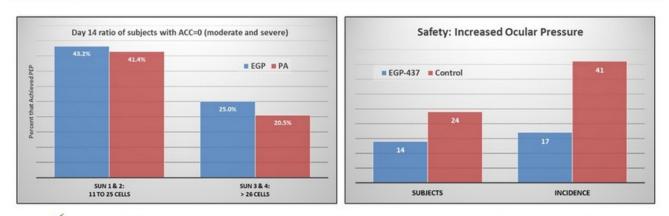
- Two 3 minute treatments of iontophoretically delivered EGP-437 (Day 0 and Day 7) vs corticosteroid eye drops taken up to 8 times per day for 28 days
- Primary end point: Percentage of subjects with ACC count of zero at Day 14
- Safety: Review of side effects, steroid induced increase in intraocular pressure

Anterior Uveitis



Results

EGP-437 demonstrated safe and effective in reducing inflammation vs positive control



 Successfully demonstrated similar response to standard of care (corticosteroid eye drops - prednisolone acetate 1%)

✓ Lower incidence of increased intraocular pressure (IOP) with EGP-437 treatment

Confirmatory Phase 3 trial ongoing: Top-line data expected Q2 2018

1. ITT = Intent to Treat 2. Primary End Point (PEP): Total cell clearing (ACC) at Day 14

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Licensing Agreement



EG[®] II Delivery System + EGP-437

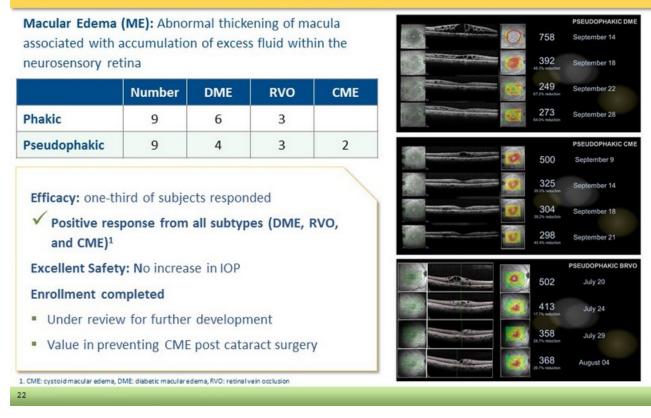


Macular Edema



Results Demonstrated Non-Invasive Delivery to Retina

Trial demonstrated iontophoresis non-invasively delivers efficacious quantities to back of eye

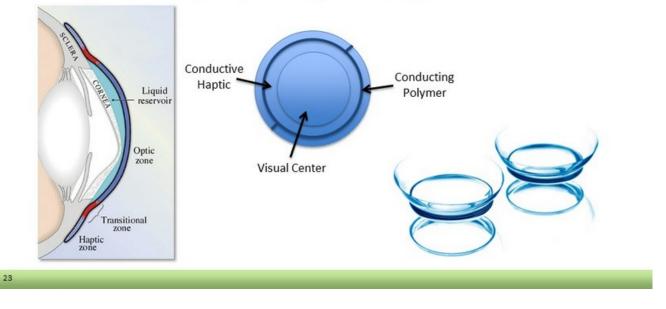


Evolution of a Platform

At Home Version



- Objective: Drug loaded contact lens with iontophoresis electronics
- Two layer lens
 - Layer 1: Sits on surface of eye loaded with drug
 - Layer 2: Sits on top of Layer 1 incorporates iontophoresis electronics



EyeGate Patent Portfolio



Possesses comprehensive IP	protection to ensure long-term leadership in ophthalmology
	 EyeGate Pharma: 13 families Iontophoresis + EGP-437: Ten families 103 granted patents: 18 U.S. and 85 foreign 11 pending patents: 3 U.S. and 8 foreign Expiring out to 2029 Jade Therapeutics acquisition: Three families 4 pending patents: 2 U.S. and 2 foreign
<section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>	Patents held through Licenses: Three families Biotime (CMHA-S): Two families <i>8 granted patents</i> : 2 U.S. and 6 foreign Expiring out to 2028 University of Utah: One family <i>6 granted + 2 pending patents</i> : 1 U.S. and 7 foreign Expiring out to 2029

Clinical Catalysts

EyeGate

Key Inflection Points



Management and Board of Directors



Management

Stephen From, President and CEO

- Former CEO at Centelion SAS (Aventis subsidiary)
- Qualified Chartered Accountant at PwC

Barbara Wirostko, MD, Chief Medical Officer

- Former founder and CSO at Jade Therapeutics
- Former Senior Medical Director at Pfizer
- M.D. and residency at Columbia University

Board of Directors

Paul Chaney, Chairman

- President, CEO at PanOptica
- Former EVP and President at Eyetech Pharmaceuticals .
- Led Eyetech's IPO in 2004 through OSI Pharma acquisition =

Morton Goldberg, MD

- . Joseph E. Green Professor of Ophthalmology at Wilmer Eye Institute, Johns Hopkins University School of Medicine
- . Former Professor and Chairman of Department of Ophthalmology at University of Illinois College of Medicine

Praveen Tyle, PhD

- EVP of Research & Development at Lexicon Pharmaceuticals
- Former CEO and Director of Osmotica Pharmaceuticals
- . Former EVP and CSO at United States Pharmacopeia

Sarah Romano, Interim CFO

- Extensive experience with financial reporting for public companies and as an auditor at PwC
- Certified Public Accountant
- Masters of Accounting from Boston College

Thomas Balland

- Managing Director at IPSA
- Former board member at CMC Biologics, Immutep, . SpineVision and SpineGuard

Bernard Malfroy-Camine, PhD

- President, CEO of ViThera Pharmaceuticals .
- Director, Business Development US Ops at Voisin Consulting .
- Founder of MindSet Rx

Thomas Hancock

- Principal of Nexus Medical Partners
- Senior Analyst and MD at US Bancorp Piper Jaffray
- . Numerous positions at Genentech

Summary



Clinical-stage Specialty Pharma Ophthalmology Company

Ocular Bandage Gel for PRK:

- First and only eye drop in the U.S. targeting acceleration of re-epithelization claim
- OBG: PRK Pilot 2 trial top-line data expected by YE 2017 / early Q1 2018
- OBG: PRK Pivotal trial top-line data expected Q2 2018
- De Novo 510(k) and CE Mark filing targeted for Mid 2018
- Commercial launch Mid 2019 targeting ~160,000 - 240,000
 PRK procedures in U.S. annually

EGP-437 for Anterior Uveitis:

- Successfully demonstrated similar response to standard of care with lower incidence of increased IOP
- Partnered with Valeant
- Phase 3 top-line data expected Q2 2018
- NDA filing expected Q3 2018

EGP-437 for Cataract Surgery:

- Demonstrated ability to control post operative pain and inflammation without the need for drop therapy
- Partnered with Valeant
- Phase 2b top-line data expected by YE 2017
- Phase 3 initiation expected by Q2 2018
- NDA filing expected by H1 2019