Leading the Way in Category Creation

AUGUST 2024

Sulma, an XDEMVY® Patient

Forward-Looking Statements

This presentation contains forward-looking statements that involve risks and uncertainties. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based on our current expectations about future events that we believe may affect our financial condition, results of operations, business strategy, and financial needs. All statements other than statements of historical facts contained in this presentation, including any statements regarding our ability to achieve distribution and patient access for our products including XDEMVY® and timing and breadth of payer coverage; our expectations of the potential market size, pricing, gross-to-net yields, fill rates, out-of-pocket costs, payer mix, eye care provider and patient acceptance and demand of XDEMVY, and opportunity and patient populations for our product candidates, including XDEMVY; our ability to successfully implement our sales force expansion and new planned direct-to-consumer campaign; the commercialization and market acceptance of XDEMVY; revenue expectations and cash runway and financing, including debt tranche availability and Greater China licensing revenue expectations; our ability to obtain marketing approvals of our product candidates and to meet existing or future regulatory standards or comply with post-approval requirements; our expectations regarding intellectual property exclusivity and term; our expectations regarding the potential advantages of our product candidates over existing therapies; our expectations regarding clinical development programs and operations; the market size for TP-03, TP-04, and TP-05, future events and Tarsus' plans for and the anticipated benefits of its product candidates including TP-03, TP-04 and TP-05 and the timing, objectives and results of the clinical trials including the complete clinical results of the Ersa, Galatea, and Carpo trials, anticipated regulatory and development milestones, and our research and development programs; our expectations with regard to our ability to develop additional product candidates or product candidates for other indications; our ability to identify additional products, product candidates or technologies with significant commercial potential that are consistent with our commercial objectives; the ability of Grand Pharma to commercialize TP-03 in the Greater China territory; and the implementation of our business model and strategic plans for our business and product candidates are forward-looking statements. The words "may," "will," "expect," "anticipate," "aim," "estimate," "intend," "plan," "believe," "is/are likely to," "potential," "continue" and other similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements may involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from those expressed or implied by the forward-looking statements. Accordingly, readers are cautioned not to place undue reliance on these forward-looking statements. Except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances or otherwise. No representations or warranties (expressed or implied) are made about the accuracy of any such forward-looking statements. Important factors that could cause our actual results to differ materially are detailed from time to time in the reports we file with the Securities and Exchange Commission, copies of which are posted on our website and are available from us without charge. However, new risk factors and uncertainties may emerge from time to time, and it is not possible to predict all risk factors and uncertainties.

Expert Leadership Team With Decades of Eye Care, Product Launch and Market Building Experience

Bobby Azamian, M.D., Ph.D.
CEO & Chairman
Former CEO/CMO Metavention with extensive investment/entrepreneurial experience with Versant & Third Rock Ventures

20+ years of product launch experience and former VP Marketing, Allergan Eye Care (Restasis®, Lumigan®)

Aziz Mottiwala
Chief Commercial Officer

Elizabeth Yeu, M.D.
Chief Medical Advisor and Director

Board Member and Former President American Society of Cataract and Refractive Surgeons (ASCRS)

25+ years of finance and operational experience; former CFO at Global Blood Therapeutics

Jeff Farrow
Chief Financial and Strategy Officer

Sesha Neervannan, Ph.D.
Chief Operating Officer

25+ years drug development experience, deep expertise in ophthalmic and dermatology products

20+ years HR leadership including multiple roles at Allergan

Dianne Whitfield
Chief Human Resources Officer

Bryan Wahl. M.D., J.D.
General Counsel

~20 years broad legal experience including IP and strategic transactions; former partner at Knobbe

A Category-Creating Approach to Delivering Blockbuster Medicines and Serving Millions of Patients

XDEMVY®
A GROUND-BREAKING LAUNCH

- The **first and only FDA-approved** therapy for *Demodex* blepharitis (DB)
- **A category-creating** medicine with a clear value proposition
- **Compelling patient outcomes** driving:
  - Rapid uptake: >37,000[1] bottles dispensed to patients
  - Ongoing waves of eye care provider (ECP) adoption: ~11,000[2] ECPs started patients on XDEMVY launch-to-date
  - Strong traction with payers and high-value net price: 44%[1] GTN discount

A ROBUST PIPELINE
WITH MULTIPLE 2024 CATALYSTS

- "**Pipeline in a product**" with multiple category-creating product candidates
- **Near-term partnering potential**
- **Three major catalysts**
  - Meibomian Gland Disease (TP-03): FDA meeting planned by year-end 2024
  - Rosacea (TP-04): FDA meeting planned by year-end 2024
  - Lyme Disease Prevention (TP-05): FDA meeting planned by year-end 2024

Net Product Sales of $40.8 Million in Q2 2024

tarsus

1. Q2 2024; 2. As of August 7, 2024

XDEMVY: Potentially Creating One of the Largest Categories in Eye Care

xdemvy®
(lotilaner ophthalmic solution) 0.25%

The *first* and *only* FDA-approved therapy for *Demodex* blepharitis

Durable, robust patient outcomes[1]

- Millions of patients actively seeking solutions

Exceptional, high-value payer coverage

- $40.8M in Q2 2024 XDEMVY net product sales with a net price >$1,000 per bottle

High speed of ECP adoption

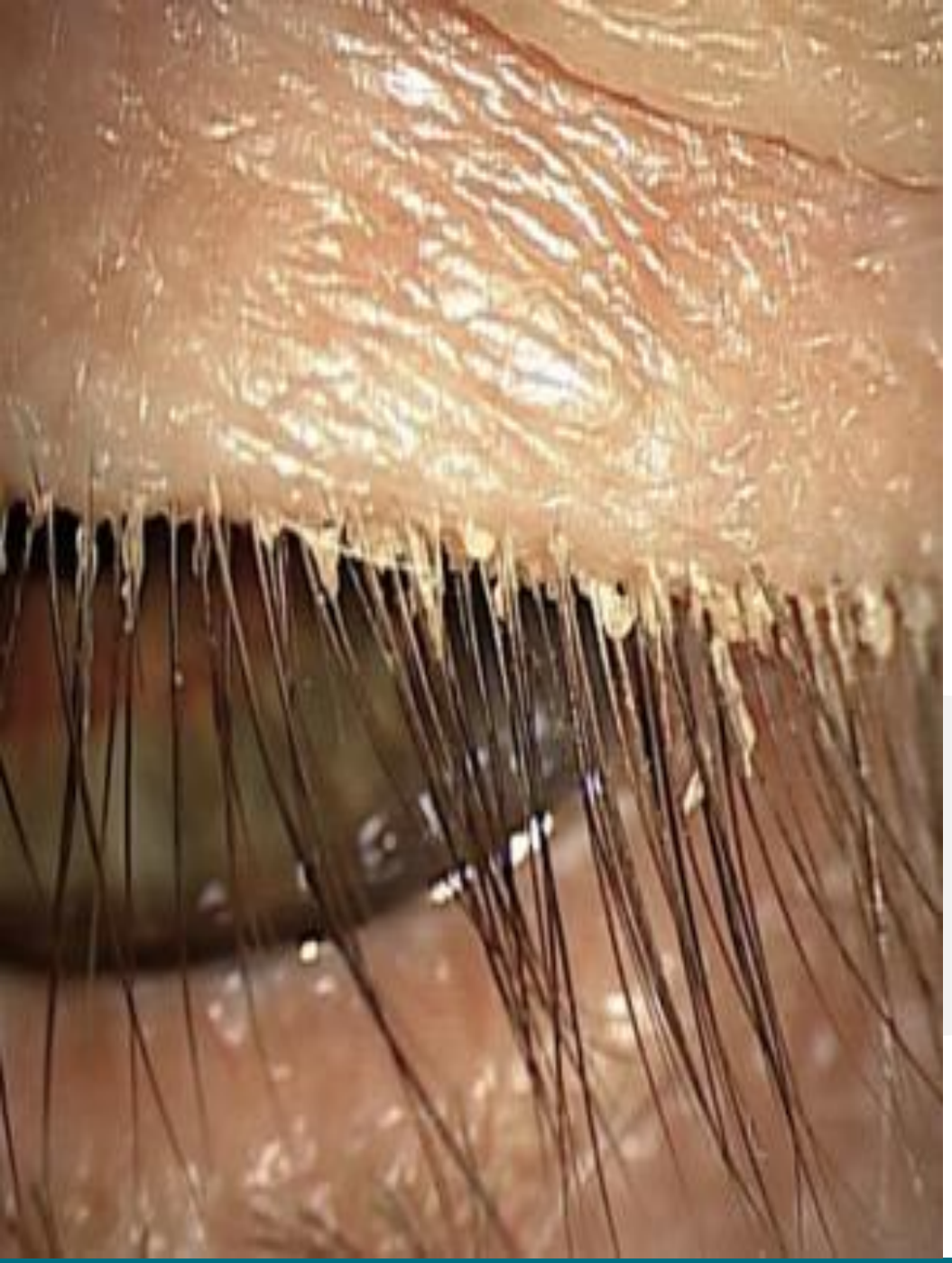
- ~11,000 ECPs started patients on XDEMVY; >60% repeat prescribers[2]

Investing for growth

- Expanded sales force on-track to be deployed by the end of Q3 2024
- Planned Q4 2024 DTC campaign to encourage more patients to visit their ECP

1. Individual patient outcomes may vary. 2. Launch-to-date as of August 7, 2024.

5



Demodex Blepharitis

A Pervasive and Damaging Eyelid Disease

- Caused by an infestation of *Demodex* mites
- Patients can suffer eyelid inflammation, redness, irritation and a negative impact on daily activities
- Quickly diagnosed during a routine eye exam through the identification of collarettes
- Potential for serious clinical implications if left untreated

Collarettes are the pathognomonic sign of DB: *Waxy, cylindrical plaque composed of dead mites, mite eggs & waste*

Singular eyelash with multiple mites

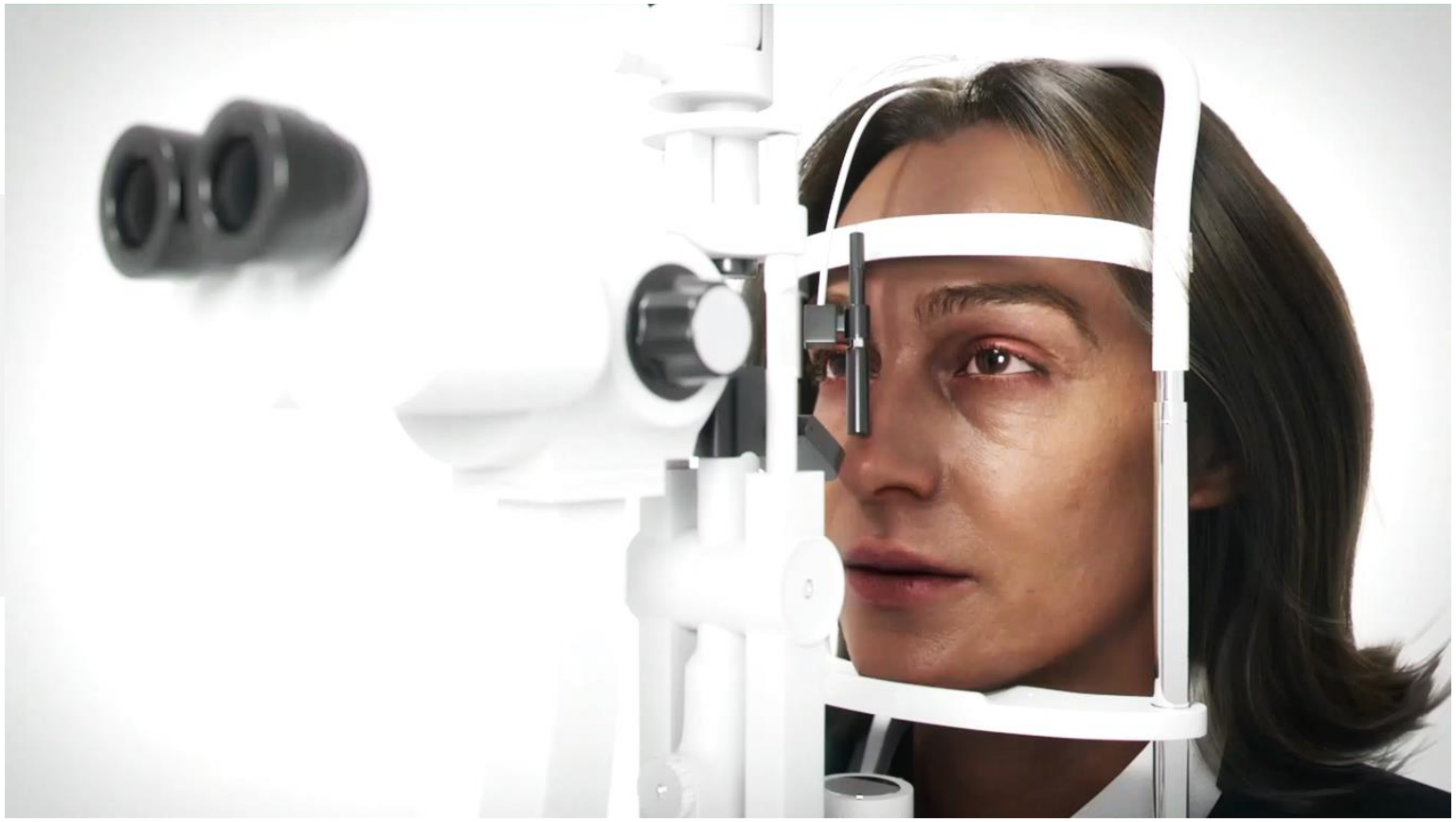
~25M Americans Impacted[1,2]

1. Wilson J Ophthalmology 2015, 435606, 2014; 2. Titan collarette prevalence study

Easily Diagnosed Through the Presence of Collarettes

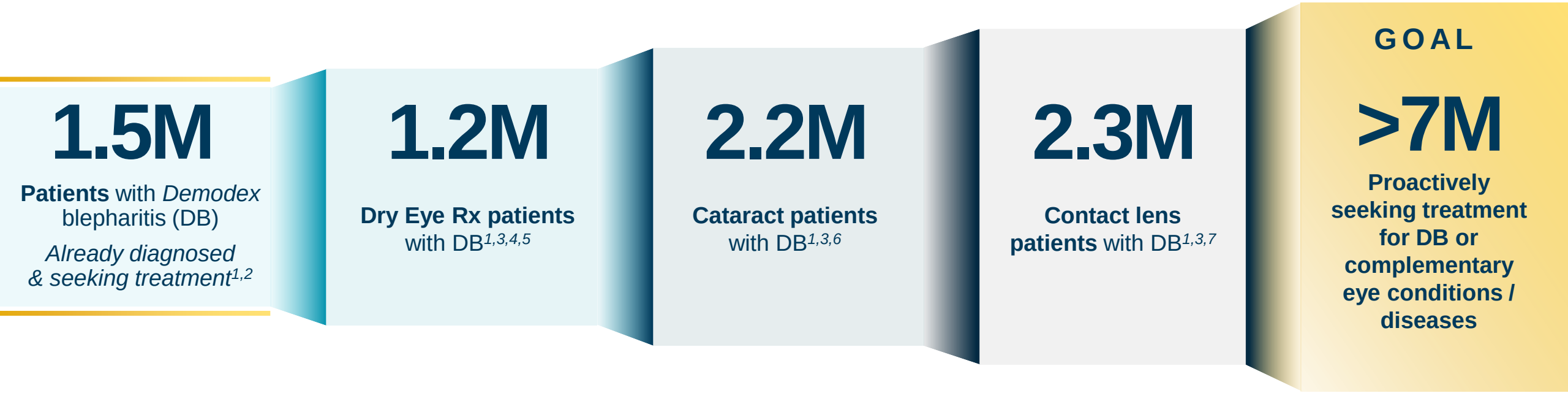
100% of patients with collarettes have *Demodex* blepharitis[1]

WATCH VIDEO



1. Gao YY, Di Pascuale MA, Li W, et al. *Invest Ophthalmol Vis Sci.* 2005;46(9):3089-3094.

Demodex Blepharitis is a Potential $1B+ Opportunity



$1B+ peak net sales potential
in initial addressable segment alone

1. Wilson J Ophthalmology 2015, 435606, 2014; 2. Symphony claims data; 3. Titan collarette prevalence study; 4.Market Scope 2020 Dry Eye Products Report: A Global Market Analysis for 2019 to 2025; 5. White et al., Clin Ophthalmology 2019: 13 2285-2292 6. AAO/ASCRS Statement on Cataract Surgery, July 2021; 7. Refractive Surgery Council August 2021

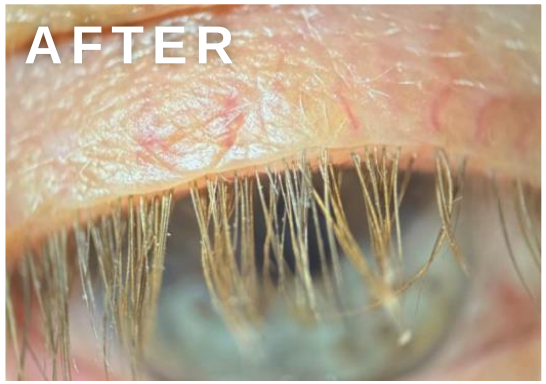
XDEMVY: An eye care product

UNLIKE ANY OTHER

The First and Only FDA-Approved Medicine for *Demodex* Blepharitis

- An innovative, category-creating therapeutic
- A strong value proposition for patients, ECPs and payers
- A high-touch, market-building commercial plan
- Patent protection expected through 2038

XDEMVY: Delivering for Patients



Patient outcomes and experiences may vary.

tarsus

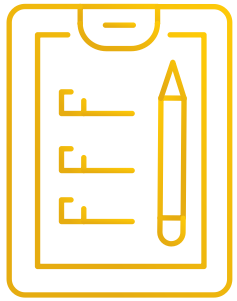
Rapid and Increasing ECP Adoption

UTILIZATION ACROSS SEGMENTS

Early Adopters
(Diagnosing and treating patients on Day 1)

Eager Treaters
(Ready for an FDA-approved solution; ramping TRx alongside patient successes)

New to DB
(Beginning to diagnose, recognizing prevalence and acting)



~11,000[1]
XDEMVY Prescribers

Expanded sales force expected to increase script growth beginning in Q4

1. Launch-to-date as of August 7, 2024

A Clear Path to Blockbuster Potential

2023
Strong Early Launch Trajectory

- Patients eager to share positive benefits of treatment
- Success stories created a positive prescribing feedback loop for ECPs
- Payers recognizing high-value benefit of XDEMVY

2024
Accelerated Impact

- Broad commercial coverage and secured one major Medicare payer
- A new standard set for “year one” eyecare launch revenues and GTN
- Breadth and depth of prescribing

2025+
Sustainable Growth

- Broad Medicare D coverage expected
- Bridge program phasing down
- Steady-state GTN discount percentage in the low 40s

$1B+
Peak Net Sales Potential

Anticipated 2024+ milestones listed above

PIPELINE

Abby, an XDEMVY Patient

A Category-Creating Pipeline With Near-Term Catalysts

Tarsus Product Portfolio

Product Candidate	Indication	Formulation	Preclinical	Phase 1	Phase 2	Phase 3	Marketed	Upcoming Catalyst
XDEMVY	*Demodex* blepharitis (US)	Eye drop						
TP-03	*Demodex* blepharitis (EU)	Eye drop	***Evaluating preservative-free formulation***					**Determining E.U. Regulatory Path**
TP-03	Meibomian Gland Disease (US)	Eye drop	**Ersa Phase 2**					**Determining U.S. Regulatory Path**

Existing and Potential Partnership Opportunities

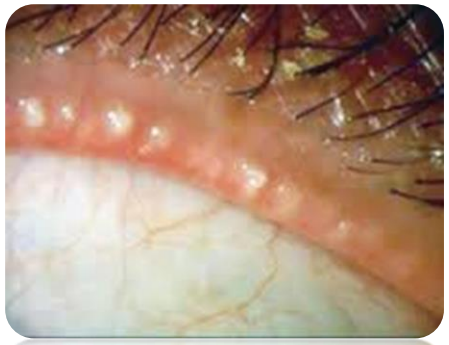
TP-03 遠大醫藥集團	*Demodex* blepharitis and Meibomian Gland Disease (Greater China)	Eye drop	**Libra Phase 3**					**Determining Regulatory Path In China**
TP-03	*Demodex* blepharitis and Meibomian Gland Disease (OUS)	Eye drop	***Active partnering discussions***					
TP-04	Papulopustular Rosacea (WW)	Topical	**Galatea Phase 2**					**Determining U.S. Regulatory Path**
TP-05	Lyme disease prevention (WW)	Oral Tablet	**Carpo Phase 2**					**Determining U.S. Regulatory Path**

Meibomian Gland Disease: A Large, Underserved Eye Care Category

No FDA-Approved Pharmacologic Treatment

MGD

Occurs when the glands do not produce enough lipids or lipids are of poor quality



Reprinted with permission from Vincent de Luise, MD

~30-40M

Americans impacted by MGD[1,2]

>50%

of patients with MGD have *Demodex* infestation[1,3,4,5]

TP-03

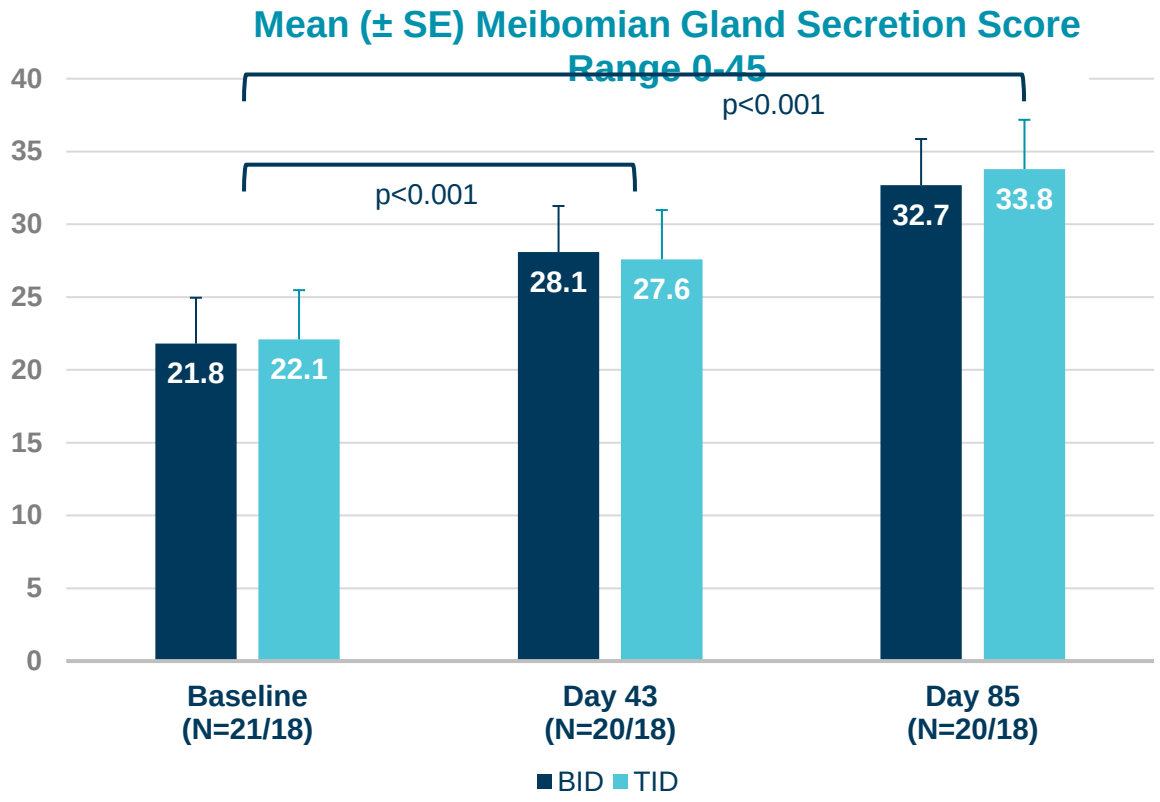
- Targets and kills *Demodex* mites that contribute to MGD
- Left untreated, MGD can lead to gland loss and threaten vision
- Positive Phase 2a data reported in Dec. 2023

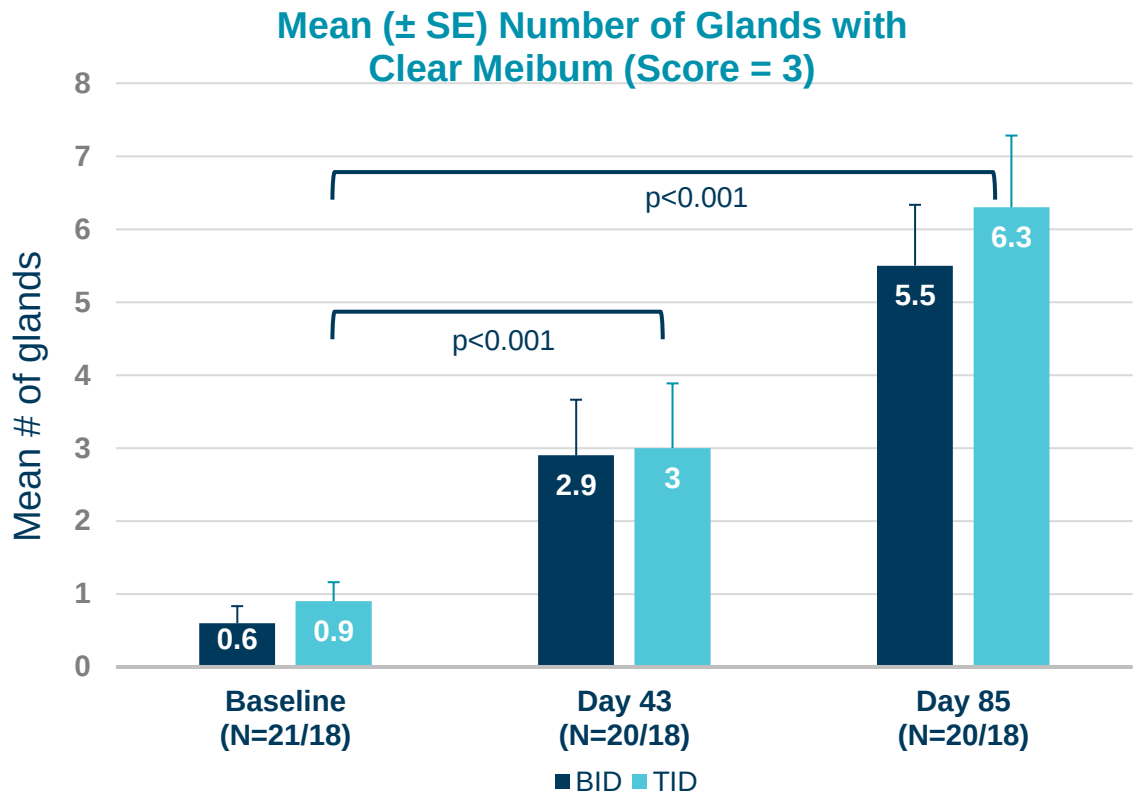
Determining U.S. Regulatory Path Forward

1. Milner, MS, et al. Curr Opin Ophthalmol 2017 Jan; 28 Suppl 1, 3−47; 2. Foulks GN, Bran AJ. Ocul Surf. 2003;1:107-12; 3. Titan collarette prevalence study; 4. Siong, R, et al. Philip. J. Ophthalmol. (2011): 15-22; 5. Bhandari, V, et al. Middle East African J. Ophthalmol 21.4 (2014): 317.

Ersa Phase 2a Trial for the Treatment of MGD with *Demodex* Mites

TP-03 Significantly Improves Gland Function and Number of Glands Secreting Clear Liquid





No discontinuations due to treatment-related adverse events

tarsus

Rosacea – An Inflammatory Skin Condition

Current Treatment Options Offer Limited Efficacy

Rosacea

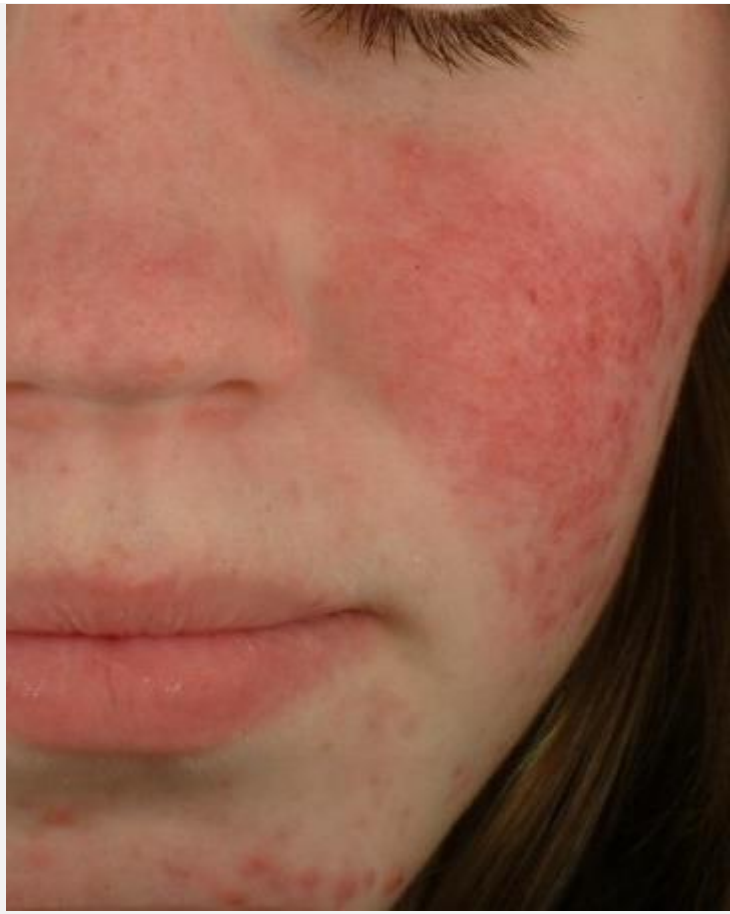
Chronic skin disease characterized by facial redness, inflammatory lesions, burning and stinging

~16M

Americans impacted by rosacea[1]

~3-5M

Experience papulopustular rosacea (PPR)[2]



1. Buddenkotte J. Steinhoff M. Recent advances in understanding and managing rosacea. F1000Res.2018.7. 2. Source on file

TP-04: Potential to be the First Topical to Address Root Cause of Disease

TP-04

ONGOING
Galatea Phase 2a Study

- BID for 12 weeks
- 30 patients with moderate to severe PPR

***Demodex* Mites:** Highly prevalent in the skin of patients with PPR and may contribute to the inflammatory response associated with the disease

Patient Impact: Redness, swelling and/or pus-filled bumps

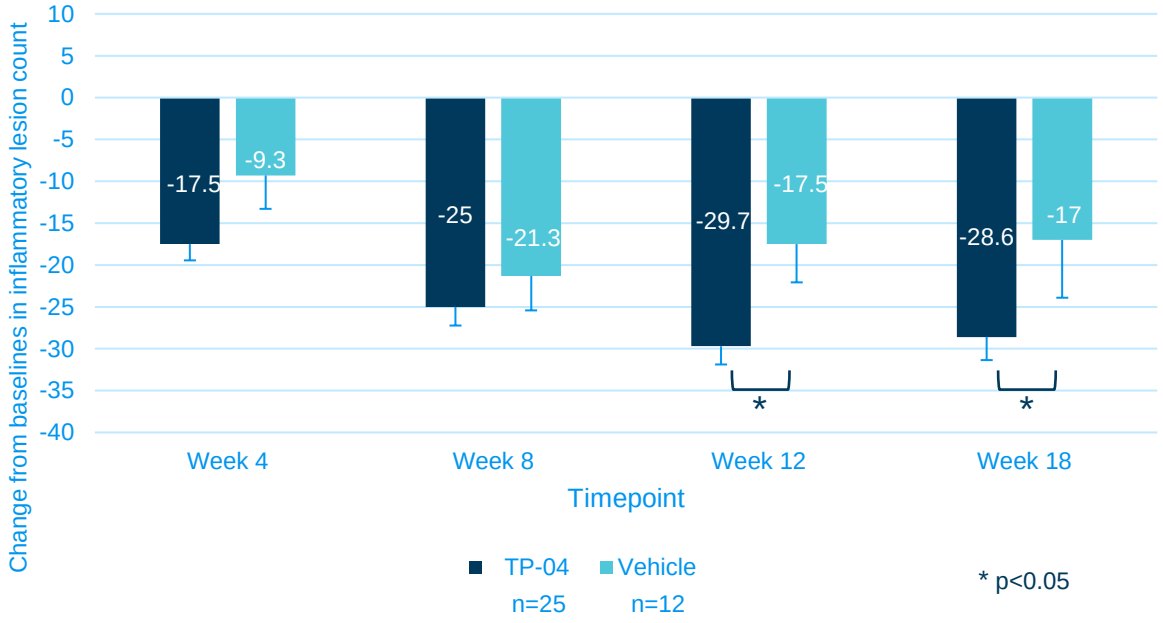
TP-04: The lotilaner API has demonstrated potent ability across several studies to eradicate *Demodex* mites

Determining U.S. Regulatory Path Forward

Galatea Phase 2a Trial for the Treatment of Papulopustular Rosacea

TP-04: Statistically Significant Improvements in Inflammatory Lesions and Investigator's Global Assessment Score Compared to Placebo

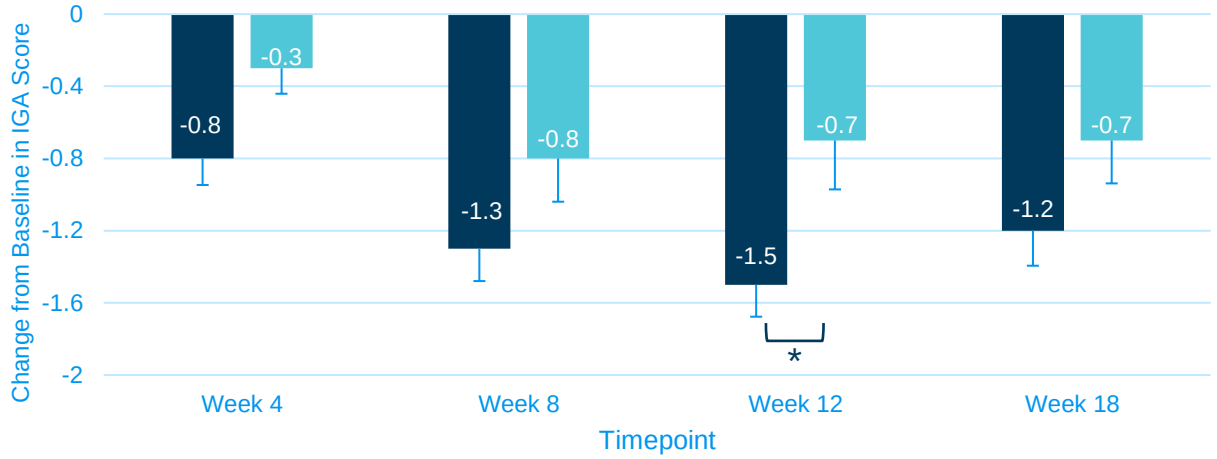
Change from Baseline in Inflammatory Lesion Count (Mean +/- SE)



* p<0.05

Mean patient baseline inflammatory lesion count: ~39

Change from Baseline in IGA Score (Mean +/- SE)



* p<0.05

IGA:
0 – Clear
1 – Almost clear
2 – Mild
3 – Moderate
4 – Severe

Mean patient baseline IGA score: ~3.2

Generally well tolerated with no serious adverse events

tarsus

Lyme Disease – A Growing Public Health Crisis
No FDA-Approved Prophylaxis

Lyme Disease

A tick-borne infection caused by the transmission of *Borrelia burgdorferi*

~27M

Americans at high-to-moderate infection risk[1]

$1.3B

Impact to U.S. healthcare system[2]

1. CDC Estimate and Corsica Market Research. 2. Adrion E, et al, *PLoS One*, Feb 2015, Vol. 10(2):e0116767.

TP-05: Potential to Be the First and Only Durable, On-Demand Oral Prophylaxis for Lyme Disease

TP-05

ONGOING
Carpo Phase 2a Study

To inform:

- Safety
- Pharmacokinetics
- Tick-kill efficacy

Prevention is key: Strong patient/physician interest in an oral, on-demand, non-vaccine option that targets the tick – preventing exposure to the bacteria that causes Lyme Disease

Patient Impact: Difficult to manage; long-term sequelae can progress to severe joint, CNS and cardiac complications

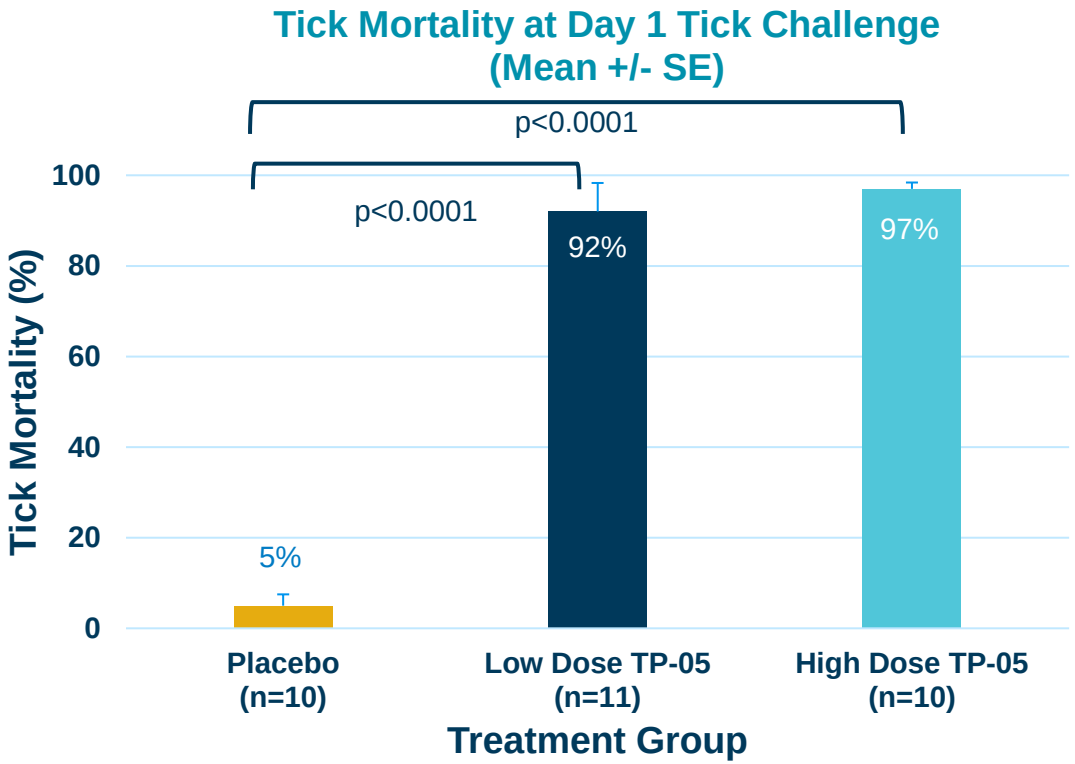
TP-05: Fast- and long-acting, with the potential to provide protection throughout the entire tick season

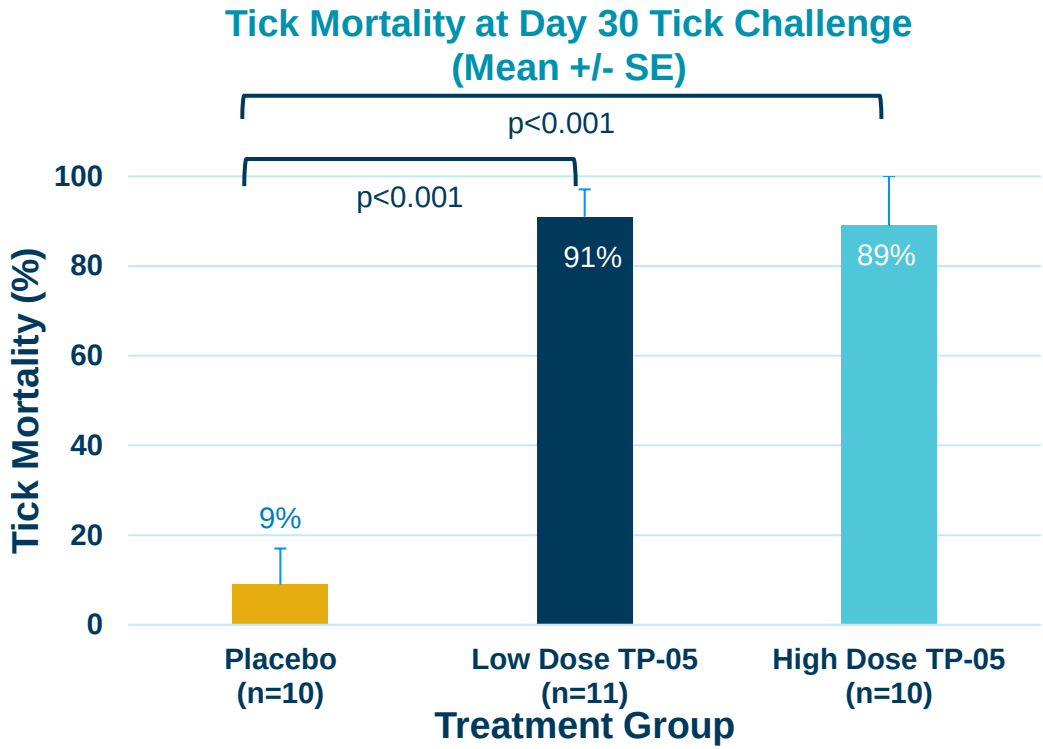
Determining U.S. Regulatory Path Forward

tarsus

Carpo Phase 2a Trial for Lyme Disease Prevention

TP-05: Statistically Significant Tick Mortality Observed at Day 1 and Day 30 Compared to Placebo





Generally well tolerated with no treatment related discontinuations or serious adverse events

tarsus

Thank You!

tarsus