

CORPO

2024 Research & Development Day

April 25, 2024

**Nasdaq: ALDX** 

# aldeyra

Todd C. Brady, M.D., Ph.D., Chief Executive Officer, Aldeyra Therapeutics

Welcome and Opening Remarks

### Disclaimers and Forward-Looking Statements

This presentation and various remarks which may be made during this presentation contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and Section 21E of the Securities Exchange Act of 1934, as amended, including statements regarding Aldeyra's future expectations, plans and prospects, including, without limitation, statements regarding: the goals, opportunity, and potential for reproxalap, ADX-246, ADX-248, and ADX-629; anticipated clinical or regulatory milestones for reproxalap, ADX-2191, ADX-246, ADX-248, and ADX-629; FDA agreement with the clinical development plan for reproxalap; expectations regarding the results of scheduled FDA meetings and discussions, clinical trial initiations and completions, and the timing and nature of NDA or other submissions to the FDA; Aldeyra's business, research, development and regulatory plans or expectations; and the structure, timing and success of Aldeyra's planned or pending clinical trials. The results of earlier preclinical or clinical trials may not be predictive of future results. Forward-looking statements include all statements that are not historical facts and, in some cases, can be identified by terms such as "may," "might," "will," "objective," "intend," "should," "could," "can," "would," "expect," "believe," "anticipate," "project," "on track," "scheduled," "target," "design," "estimate," "predict," "contemplates," "likely," "potential," "continue," "ongoing," "aim," "plan," or the negative of these terms, and similar expressions intended to identify forward-looking statements.

Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause Aldeyra's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These statements reflect Aldeyra's current views with respect to future events and are based on assumptions and subject to risks and uncertainties, including the development of, and clinical and regulatory plans or expectations for Aldeyra's investigational new drugs (including reproxalap, ADX-2191, ADX-246, ADX-248, and ADX-629), and systems-based approaches, later developments with the FDA that may be inconsistent with Aldeyra's expectations and beliefs, including the risk that the results from earlier clinical trials, portions of clinical trials, or pooled clinical data may not accurately predict results of subsequent trials or the remainder of a clinical trial for the same or different indications, inconsistent expectations regarding FDA acceptance and review of the company's filings and submitted data sets, and Aldeyra's continuing or post-hoc review and quality control analysis of clinical data. Important factors that could cause actual results to differ materially from those reflected in Aldeyra's forward-looking statements are described in Aldeyra's most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q, as well as Aldeyra's subsequent filings with the Securities and Exchange Commission. All of Aldeyra's development plans and timelines may be subject to adjustment depending on funding, recruitment rate, regulatory review, which regulatory review timeline may be flexible and subject to change based on the regulator's workload and other potential review issues, preclinical and clinical results, regulatory developments in the United States and other countries, and other factors any of which could result in changes to Aldeyra's development plans and programs or delay the initiation, enrolment, comp

In addition to the risks described above and in Aldeyra's other filings with the SEC, other unknown or unpredictable factors also could affect Aldeyra's results. No forward-looking statements can be guaranteed, and actual results may differ materially from such statements. The information in this presentation is provided only **as of April 25, 2024**, and Aldeyra undertakes no obligation to update any forward-looking statements contained in this presentation on account of new information, future events, or otherwise, except as required by law.





### Agenda

9:00 – 9:45 a.m.

9:45 - 10:30 a.m.

10:30 - 10:45 a.m.

10:45 - 11:30 a.m.

11:30 a.m. - 12:00 p.m.

12:00 - 12:30 p.m.

12:30 – 1:00 p.m.

TOPIC PRESENTER

Opening Remarks, RASP Overview, and Reproxalap Dry Eye Disease Development Plan

**Next-Generation RASP Modulators** 

Adam Brockman, Ph.D.

Todd C. Brady, M.D., Ph.D.

Senior Director Translational Science, Aldeyra Therapeutics

Chief Executive Officer, Aldeyra Therapeutics

**Break** 

**Retinitis Pigmentosa Overview** 

**ADX-2191 for the Treatment of Retinitis Pigmentosa** 

Ramiro S. Maldonado MD

Ophthalmologist, Duke Center for Ophthalmic Genetics

Todd C. Brady, M.D., Ph.D.

Lunch

**Pipeline, Milestones, and Concluding Remarks** 

Todd C. Brady, M.D., Ph.D.

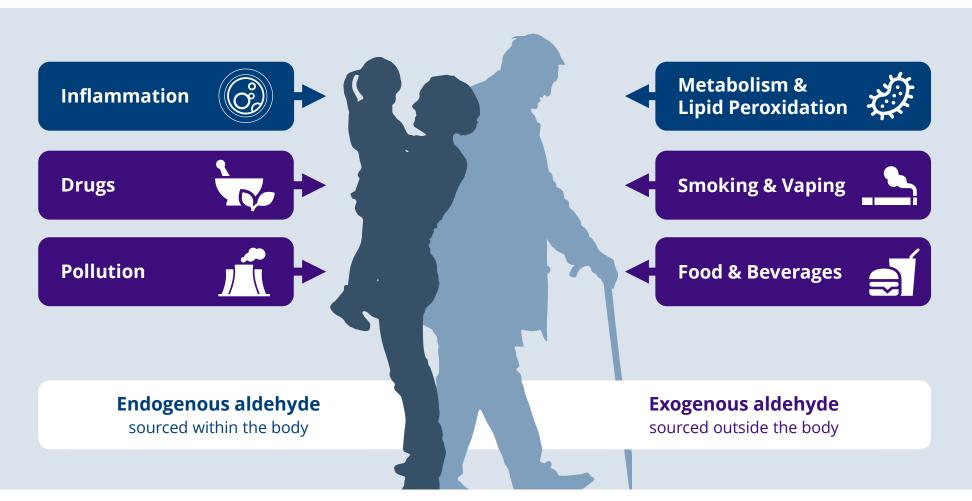


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RASP Overview

### RASP Are Toxic, and Represent a Novel, Potentially Broadly Applicable Pharmaceutical Target



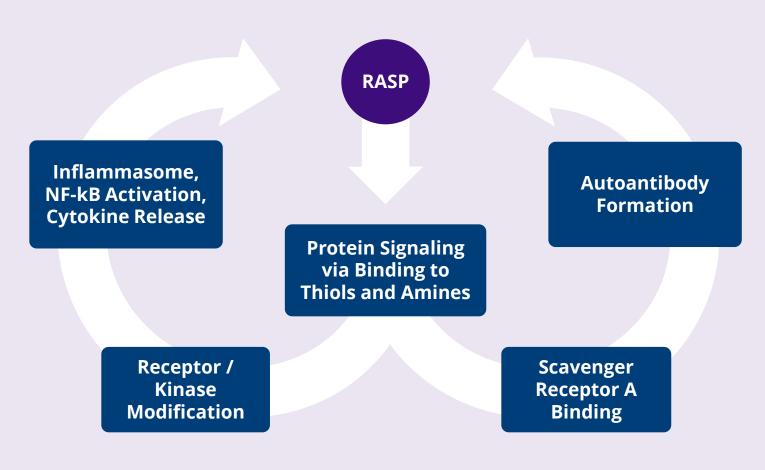
RASP affect large classes of proteins, especially those associated with the immune cascade.

New evidence links RASP with diseases of aging.<sup>†</sup>



### RASP Induce Inflammation via Multiple Mechanisms

- Aldehydes covalently bind thiol (Michael addition) and amine (Schiff base) residues on proteins.
- Direct protein binding leads to conformational and functional changes in proteins, which in turn initiate a pro-inflammatory signaling cascade.
- Aldehyde-protein adducts are ligands for Scavenger Receptor A, subsequently leading to autoantibody formation against the adducted protein.





### RASP Modulation Represents a Novel Pharmacology

Traditional pharmacology targets specific proteins and is generally limited to two actions: on or off.





Activating or inhibiting specific proteins on a sustained basis, which rarely occurs in nature, may lead to toxicity and could limit activity.



RASP modulation may allow for control of protein *systems*, without turning any single protein on or off.



Systems-based pharmacology could potentially lead to broader-based activity with less toxicity associated with activation or inhibition of specific proteins.





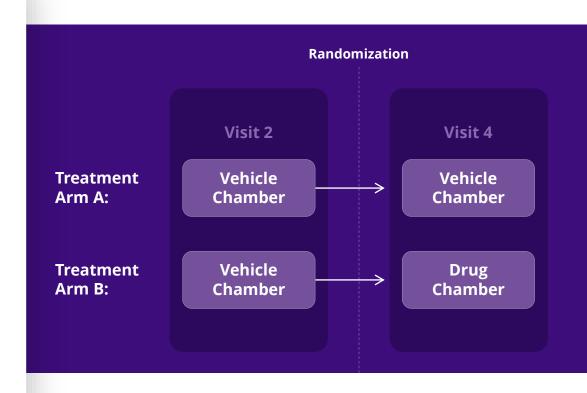
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Todd C. Brady, M.D., Ph.D., Chief Executive Officer, Aldeyra Therapeutics

Reproxalap Dry Eye Disease Development Plan

### Phase 3 Clinical Trial of Reproxalap in a Dry Eye Chamber<sup>†</sup>

Design	Randomized, double-masked, vehicle- controlled dry eye chamber challenge	
Dosing	<ul> <li>Visit 1: Medical screening</li> <li>Visit 2: Vehicle dry eye chamber (dosing just before and 50 minutes after entry)</li> <li>Visit 3: Four doses of randomized treatment (reproxalap or vehicle)</li> <li>Visit 4: Randomized dry eye chamber (dosing just before and 50 minutes after entry)</li> </ul>	
Size	~100 dry eye disease patients	
<b>Primary Endpoint</b>	Ocular discomfort score	
Other Endpoints	Safety	

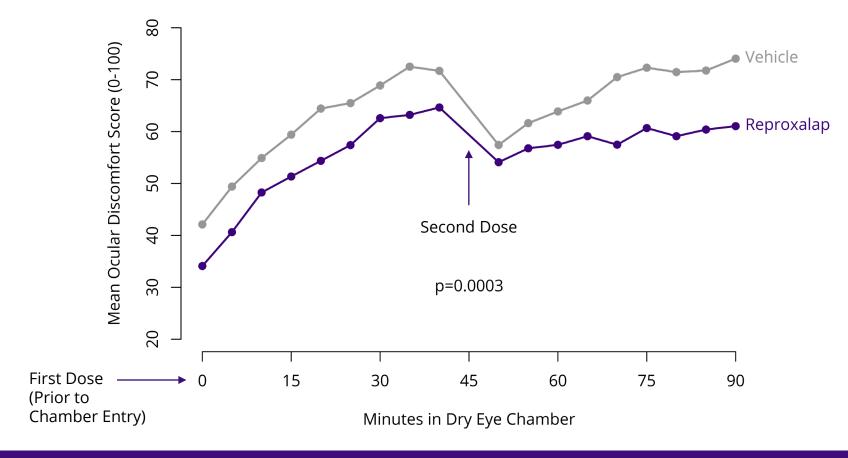


Pending clinical trial results, feedback from ongoing FDA discussions, and other factors, NDA resubmission expected in H2 2024<sup>†‡</sup>





## Based on Pooled Data from Four Dry Eye Chamber Trials, Ocular Discomfort Score was Lower with Reproxalap than with Vehicle



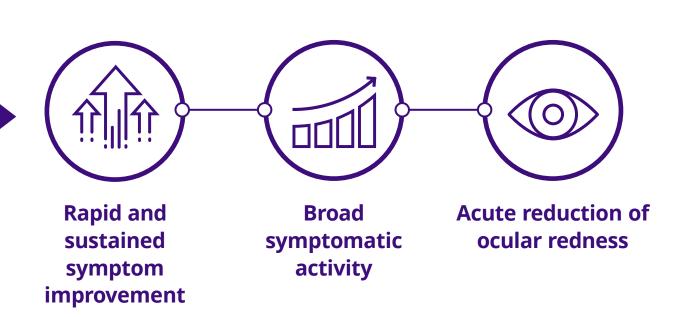
Ocular discomfort data are derived from four previously completed dry eye chamber clinical trials of reproxalap vs. vehicle, encompassing approximately 110 patients and incorporating trial conduct and statistical analysis amendments.





## Reproxalap Represents a Novel Potential Therapeutic Approach in Dry Eye Disease with Rapid Activity in Clinical Trials

Potential advantages for patients and healthcare providers could effect a paradigm shift relative to standard of care.



Dry eye disease afflicts 39 million or more adults in the United States.†





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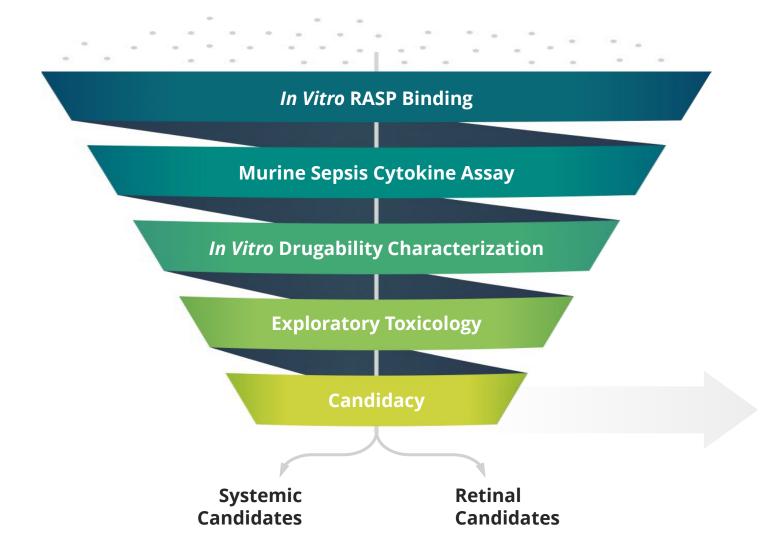
Questions



Adam Brockman, Ph.D., DABT, Senior Director of Translational Science, Aldeyra Therapeutics

Next-Generation RASP Modulators

### Aldeyra Has Developed the Leading RASP Modulator Discovery Platform



Aldeyra's RASP modulator discovery and development platform is unparalleled

**ADX-629, ADX-246 and ADX-248** 





### Development Indications for New RASP Modulators Are Supported by Mechanistic Rationale

INDICATION	RASP RATIONALE	MODEL
Atopic Dermatitis	Upregulation of pro-inflammatory cytokines	Oxazolone atopic dermatitis
Alcoholic Hepatitis	Association with hepatoxicity	Ethanol toxicity
Non-Opiate Analgesia	Activation of TRPV1 and TRPA1 pain receptors	Carrageenan inflammatory pain
Lipogenesis Modulation	Potentiation of lipid synthesis	Diet-induced obesity

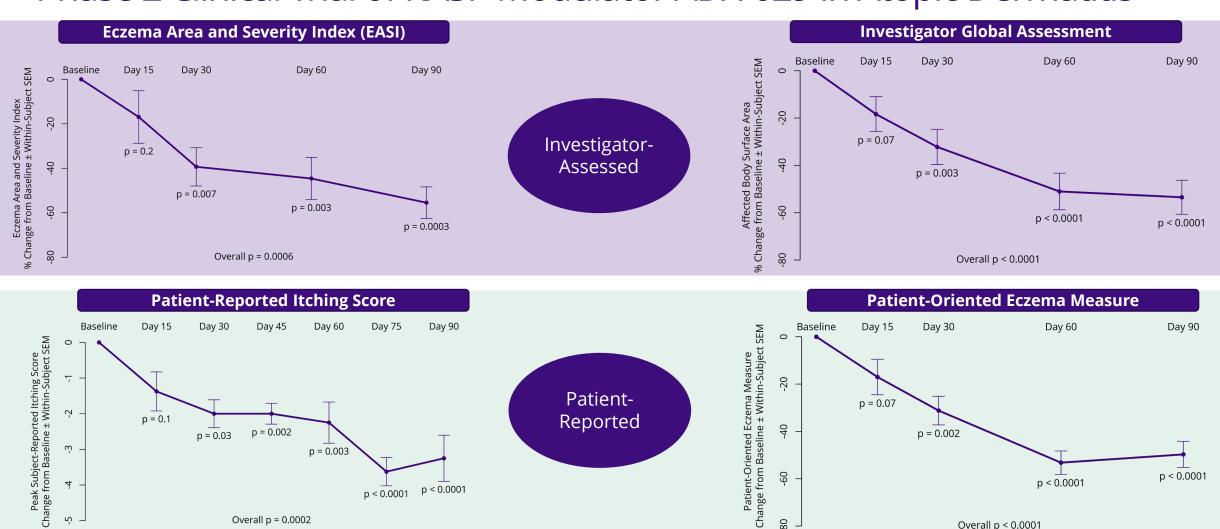




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Atopic Dermatitis

### Statistical and Clinically Significant Improvement was Observed in Phase 2 Clinical Trial of RASP Modulator ADX-629 in Atopic Dermatitis



9





p < 0.0001

Overall p < 0.0001

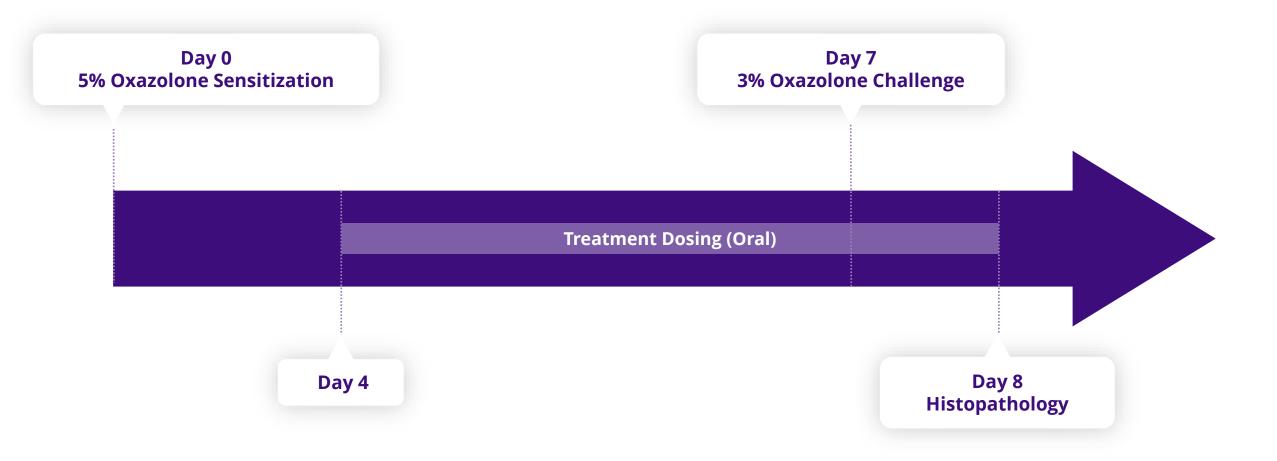
p < 0.0001

Overall p = 0.0002

p < 0.0001

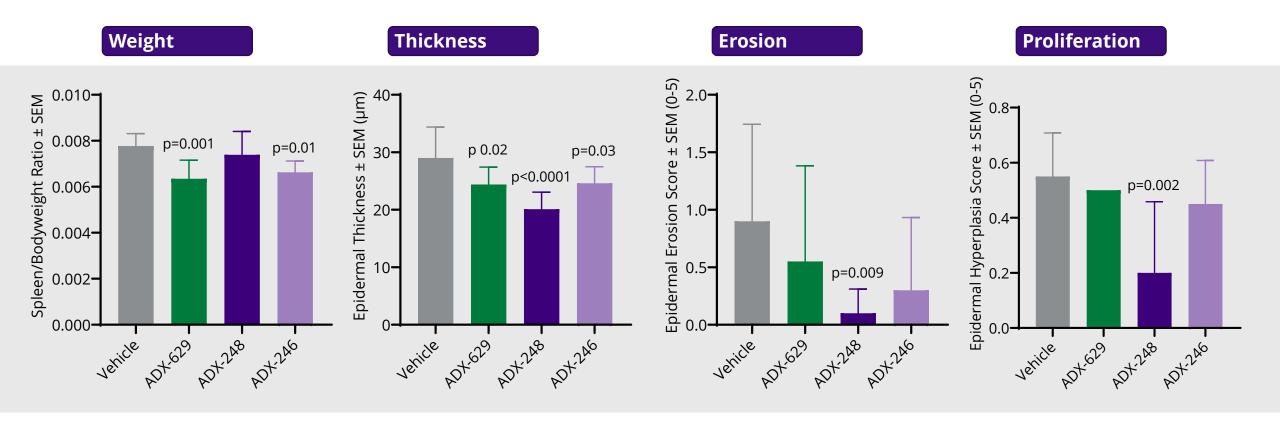
p < 0.0001

## Oxazolone Sensitization is a Well-Characterized Preclinical Model of Atopic Dermatitis





RASP Modulators ADX-629, ADX-248, and ADX-246 Reduced Histopathology and Spleen Weight in a Preclinical Model of Atopic Dermatitis



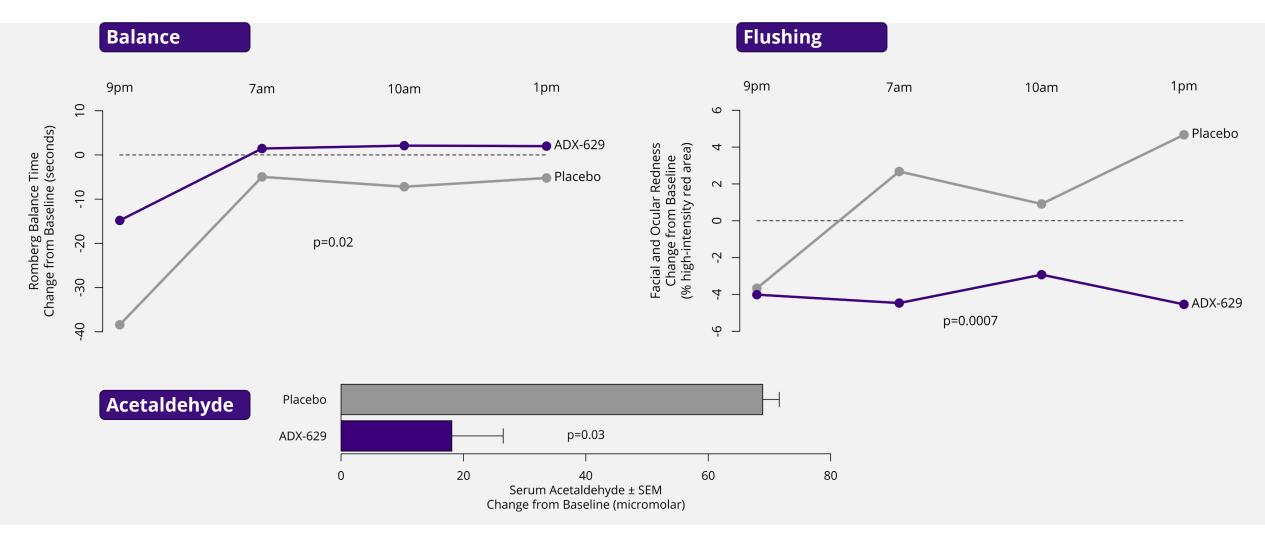






Alcoholic Hepatitis

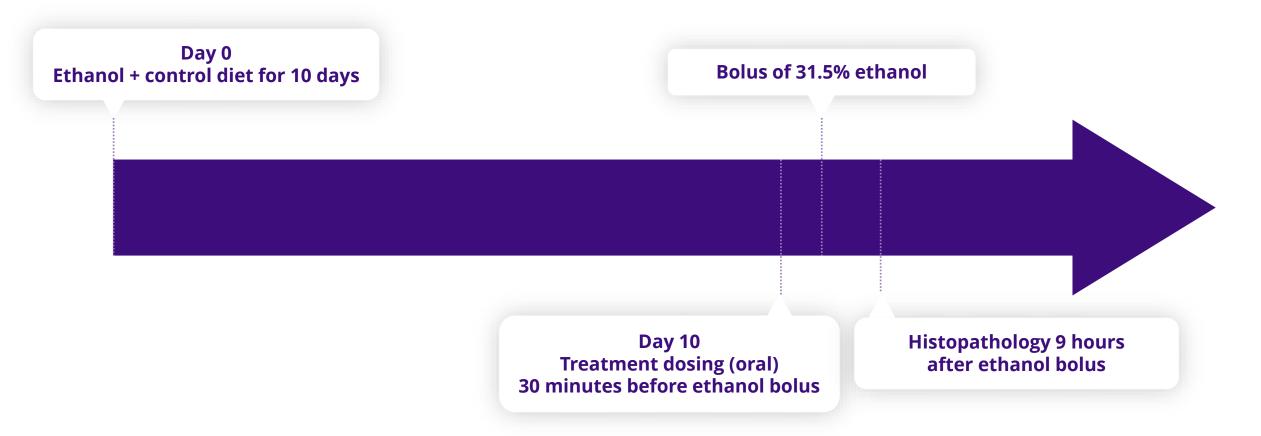
## ADX-629 Improved Balance and Reduced Dermal Flushing and Acetaldehyde Levels in Phase 1/2 Ethanol Toxicity Clinical Trial





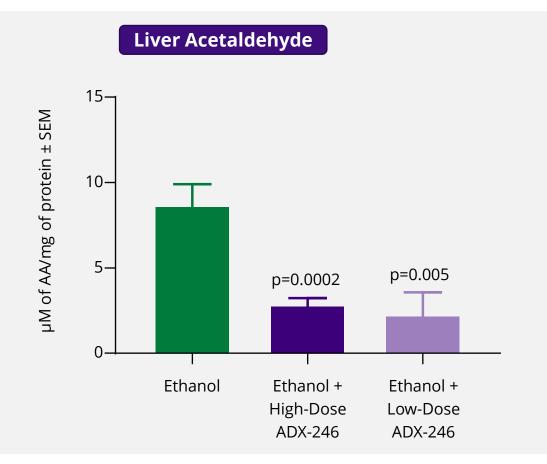


## Preclinical Model of Ethanol-Induced Hepatitis Enables Detailed Assessment of the Pharmacodynamic Activity of RASP Modulation

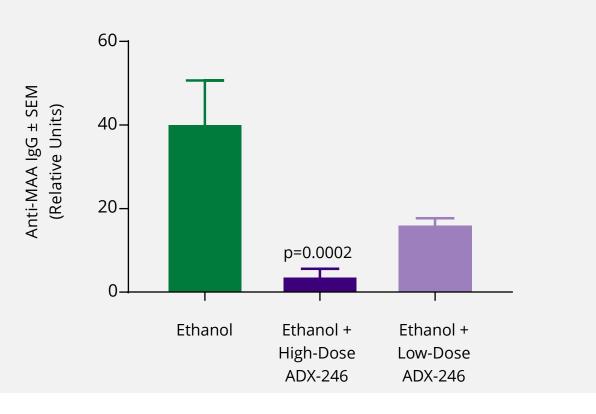




## ADX-246 Decreased RASP Levels in Preclinical Model of Ethanol-Induced Hepatitis



#### Serum Anti-Malondialdehyde Acetaldehyde Adduct

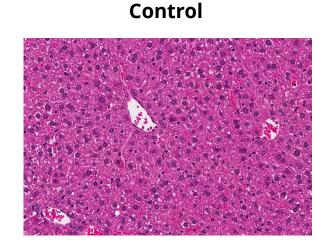


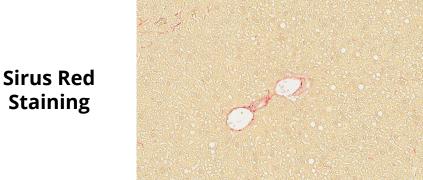


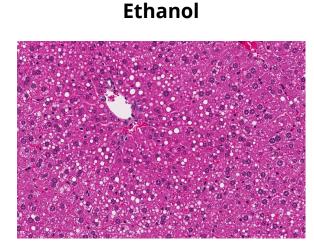


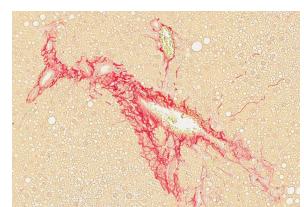
### ADX-246 Diminished Histopathological Changes in Preclinical Model of **Ethanol-Induced Hepatitis**

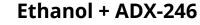
Hematoxylin and Eosin Staining

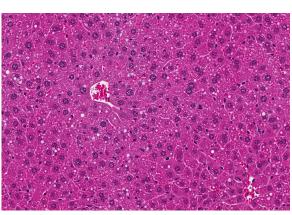














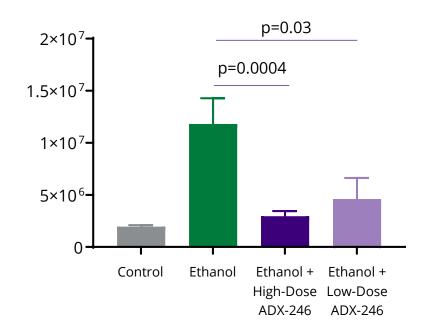
**Staining** 



## ADX-246 Reduced Hepatic Levels of Lipids and Collagen in Preclinical Model of Ethanol-Induced Hepatitis

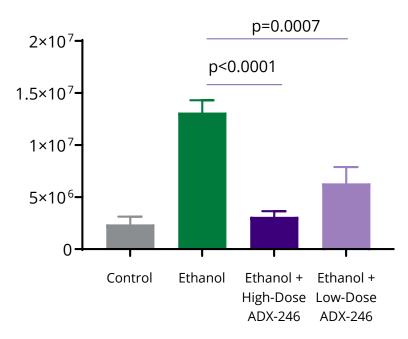
#### Collagen

Integrated Density ± SEM (pixels)



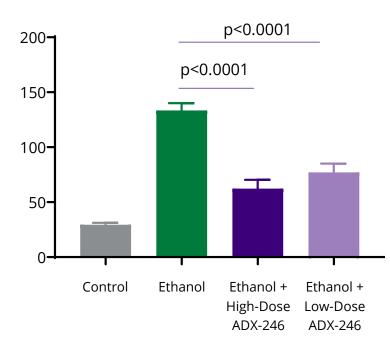
#### **Total Lipids**

Integrated Density ± SEM (pixels)



#### **Triglycerides**

mg/dL Triglycerides per mg Protein ± SEM





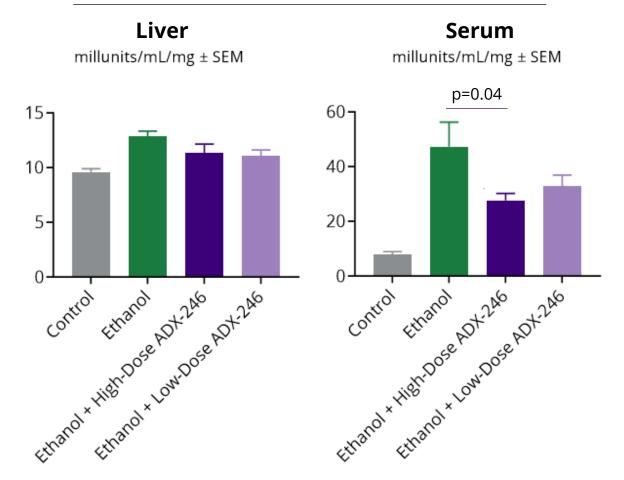


### ADX-246 Improved Liver Function Tests in Preclinical Model of Ethanol-Induced Hepatitis

#### **Aspartate Aminotransferase (AST)**

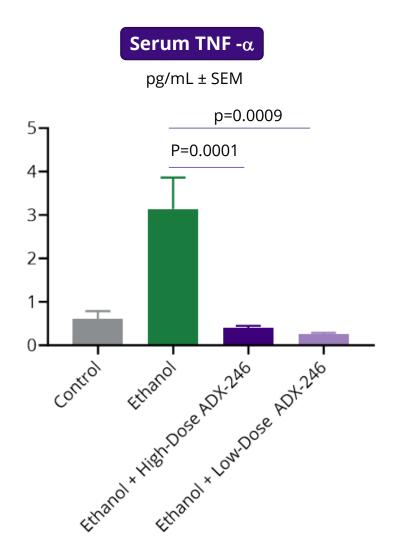
#### Liver Serum millunits/mL/mg ± SEM millunits/mL/mg ± SEM p<0.0001 p=0.000320-50-40 15-30-10-20. 5-10-Ethanol \* Light not \* Low Dose ADX 246 Ethanol \* Linanol \* Low Dose ADX 246

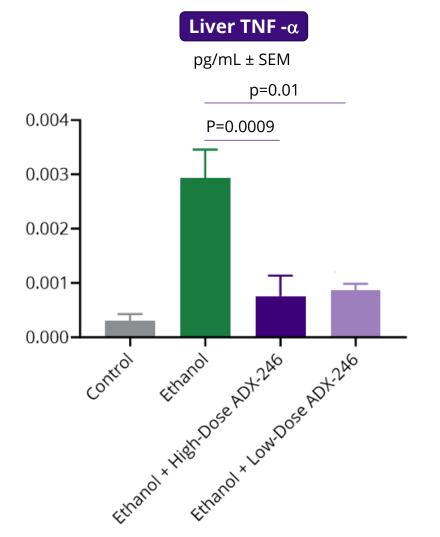
#### **Alanine Aminotransferase (ALT)**





### ADX-246 Decreased Levels of the Inflammatory Cytokine TNF- $\alpha$ in Preclinical Model of Ethanol-Induced Hepatitis









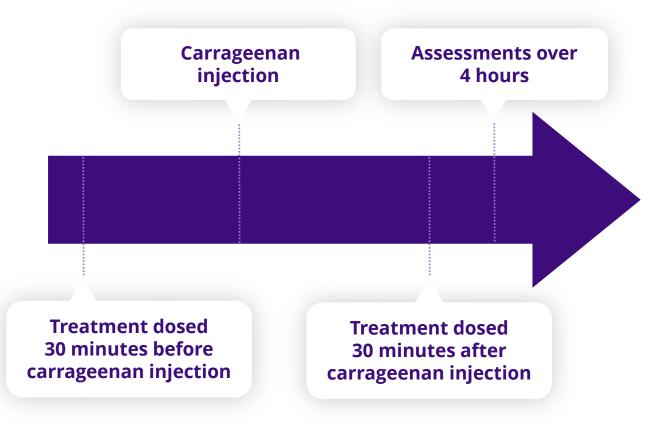


Non-Opiate Analgesia

### The Carrageenan Inflammatory Pain Model Allows for Evaluation of Three Different Outcomes Associated with Inflammation

#### Model Test **Assessment (units) Von Frey** Mechanical Pain Force required for Tolerance paw withdrawal (grams) Time to withdrawal Thermal Pain Hargreaves Tolerance in response to heat (seconds) Diameter of ankle **Ankle Caliper** Swelling (millimeters)

#### **Orally Administered Diclofenac or ADX-246**

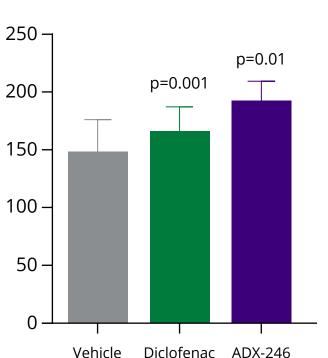




## ADX-246 Demonstrated Statistically Significant Activity in the Carrageenan Inflammatory Pain Model

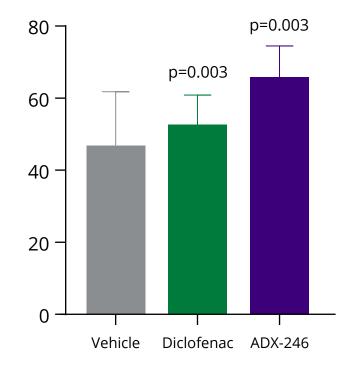
#### **Mechanical Pain Tolerance**

AUC (grams\*hour)



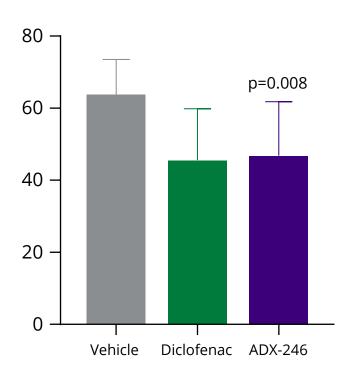
#### **Thermal Pain Tolerance**

AUC (seconds\*hour)



#### Swelling

AUC (% increase\*hour)





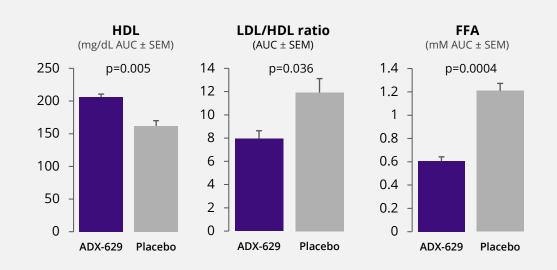




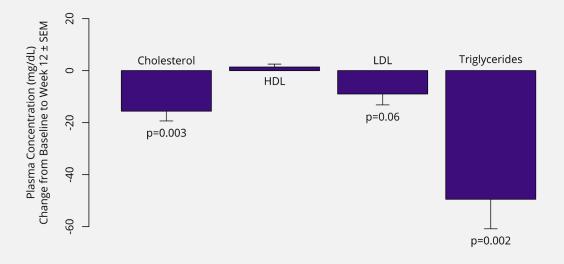
Lipogenesis Modulation

## Statistically Significant Changes Observed in Lipid Profiles in Multiple Clinical Trials with RASP-Sequestering Molecule ADX-629

#### **Phase 1 Clinical Trial**

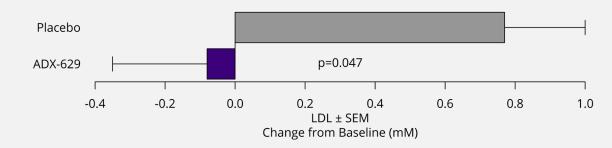


#### **Phase 2 Psoriasis Clinical Trial**



#### **Phase 1/2 Ethanol Toxicity Clinical Trial**

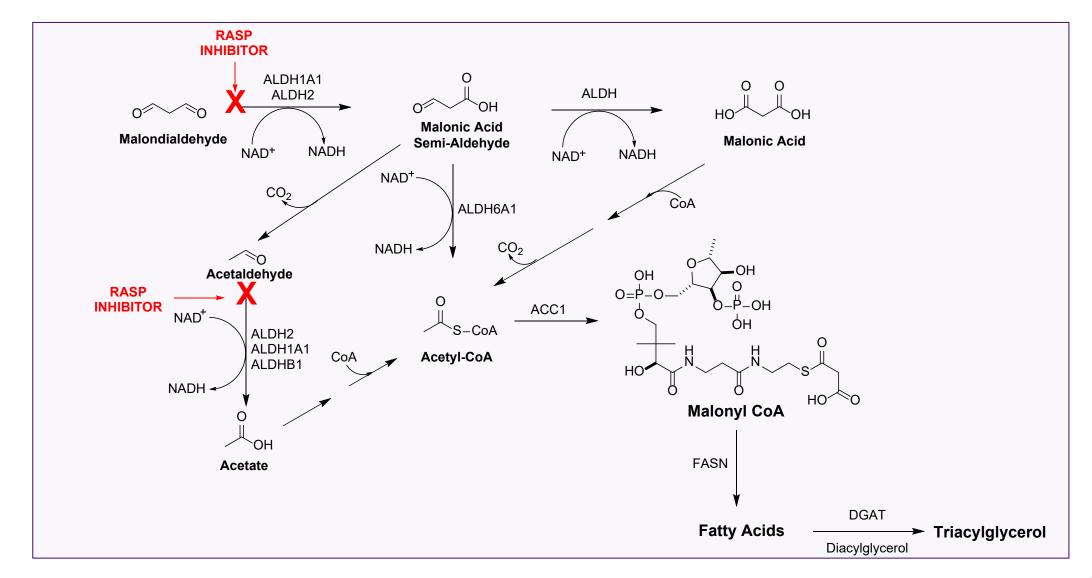








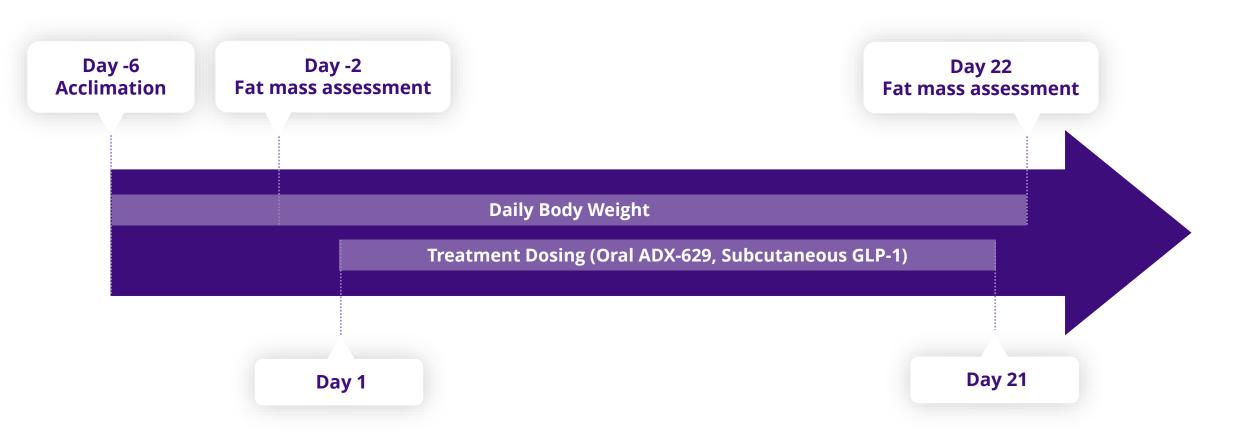
### RASP May Potentiate Triglyceride Synthesis





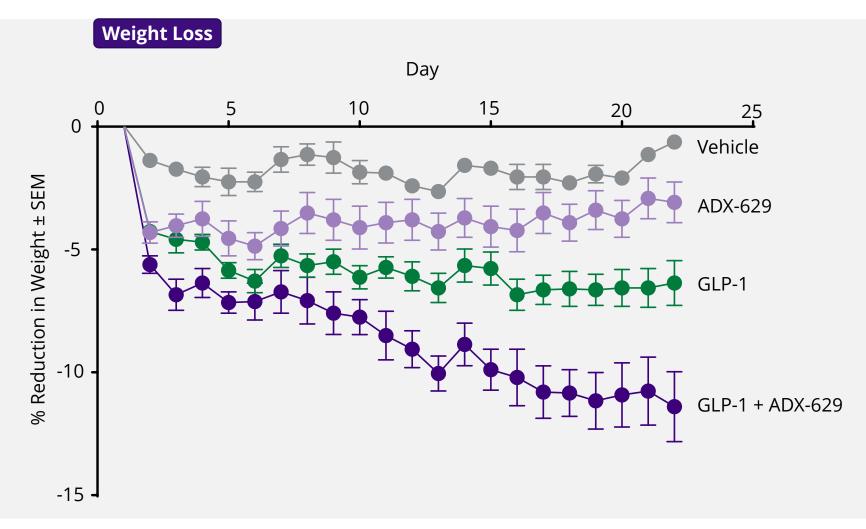


## High-Fat Diet-Induced Obesity Model Allows for Assessment of Weight Loss and Body Composition





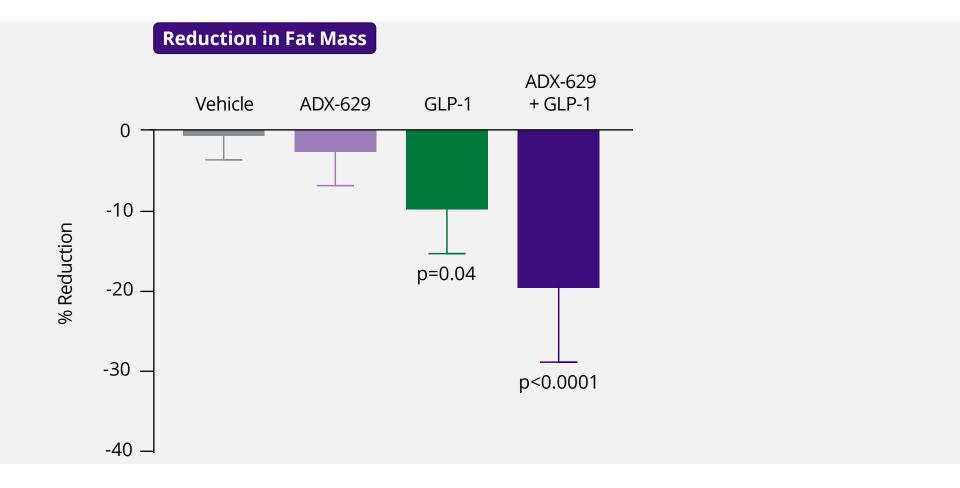
## Treatment with Oral ADX-629 Enhanced GLP-1 Weight Loss in Preclinical Model of Obesity







### Treatment with Oral ADX-629 Enhanced GLP-1 Fat Mass Loss in Preclinical Model of Obesity









Questions



Ramiro S. Maldonado, M.D., Assistant Professor of Ophthalmology, Duke University

Retinitis Pigmentosa: An Overview

# Retinitis Pigmentosa: An Overview

Ramiro Maldonado, MD





1<sup>st</sup> intra-op OCT



1st Handheld
OCT





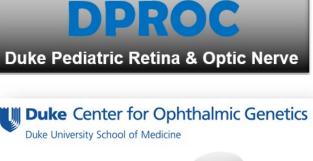














#### Financial disclosures:

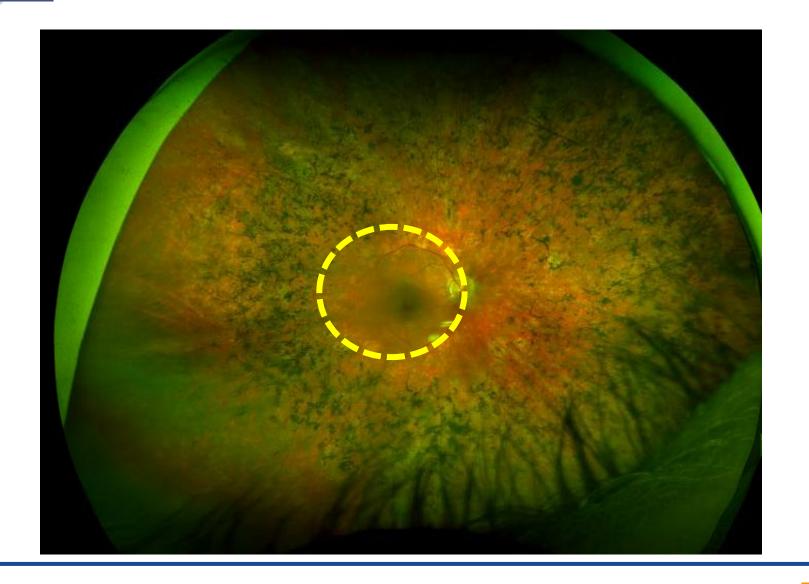
- ProQR Therapeutics Consultant
- PYC Therapeutics Consultant
- Aldeyra Therapeutics Consultant
- Duke Eye Reading Center Consultant

# Let me show you a patient problem....

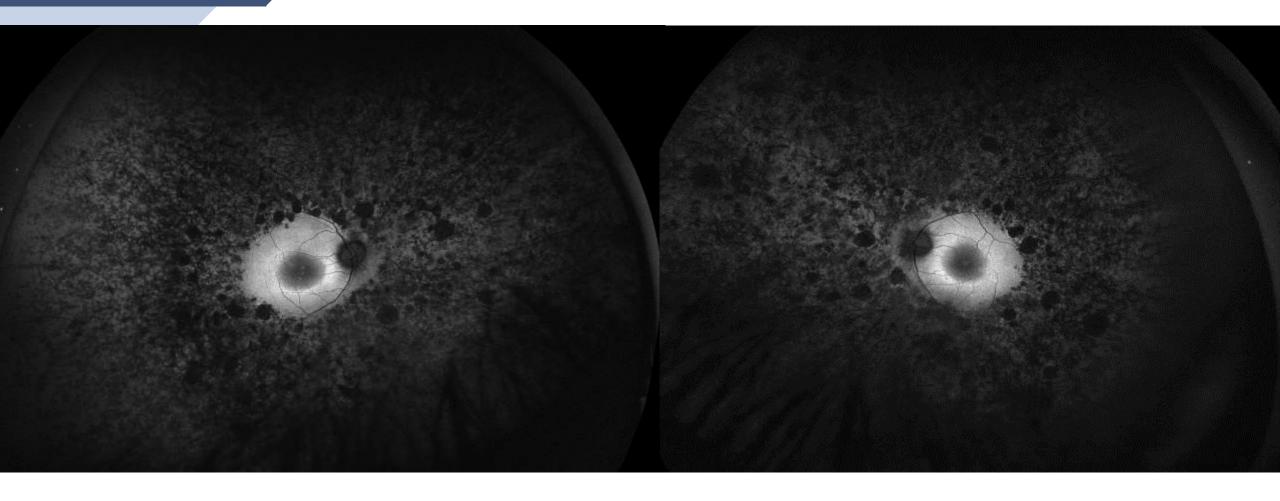


# 42 y/o in the prime of his life...

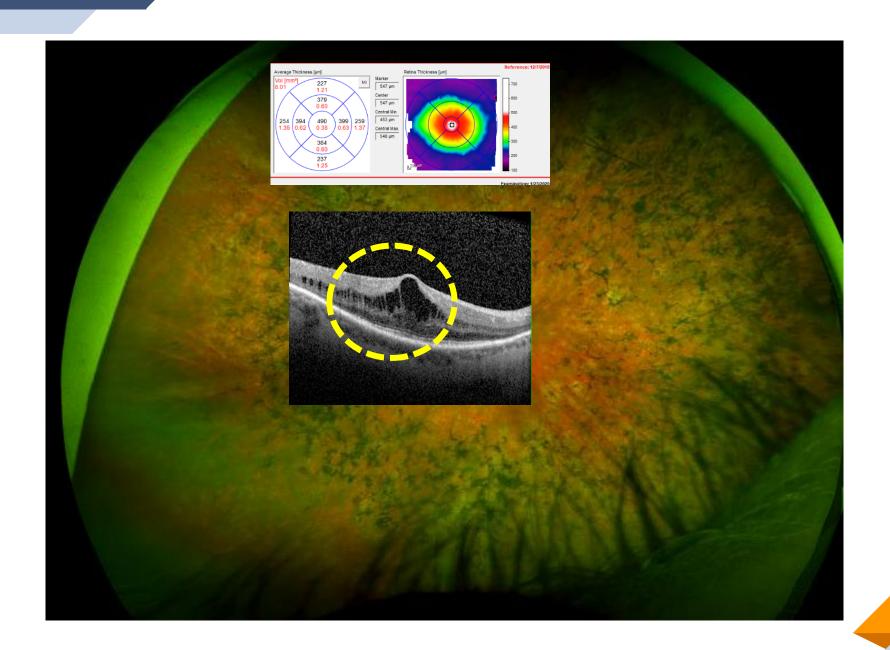
# Diagnosed with Retinitis Pigmentosa...



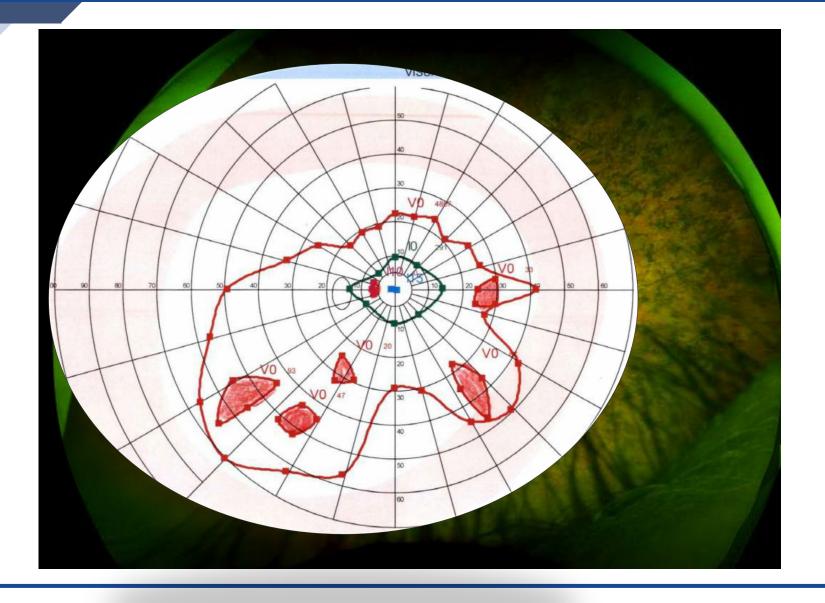
#### Significant extent of retinal degeneration



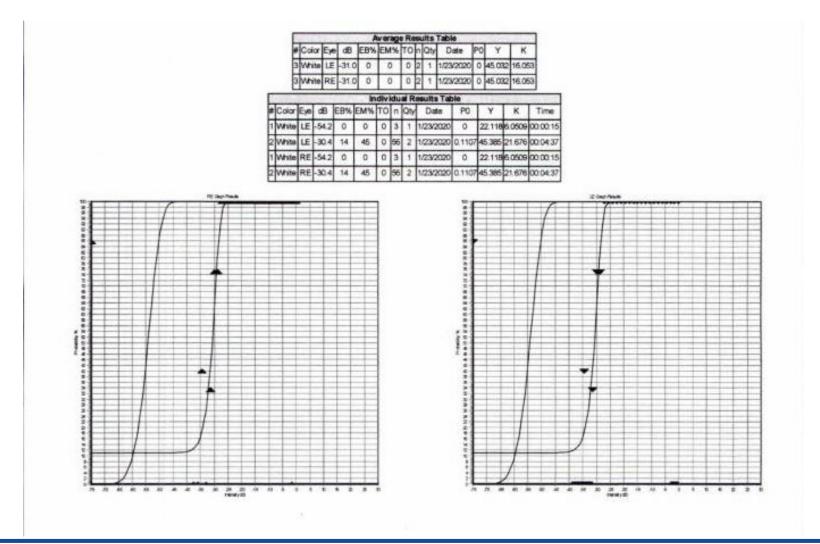
#### Living Histology



#### Constricted visual fields



#### Minimum light stimulus perceived (FST test)



# RDS

Inherited Retinal Diseases



## 6,800,000

People in the world with IRDs

# 300,000

People in the USA with IRDs

#### 6,800,000 people

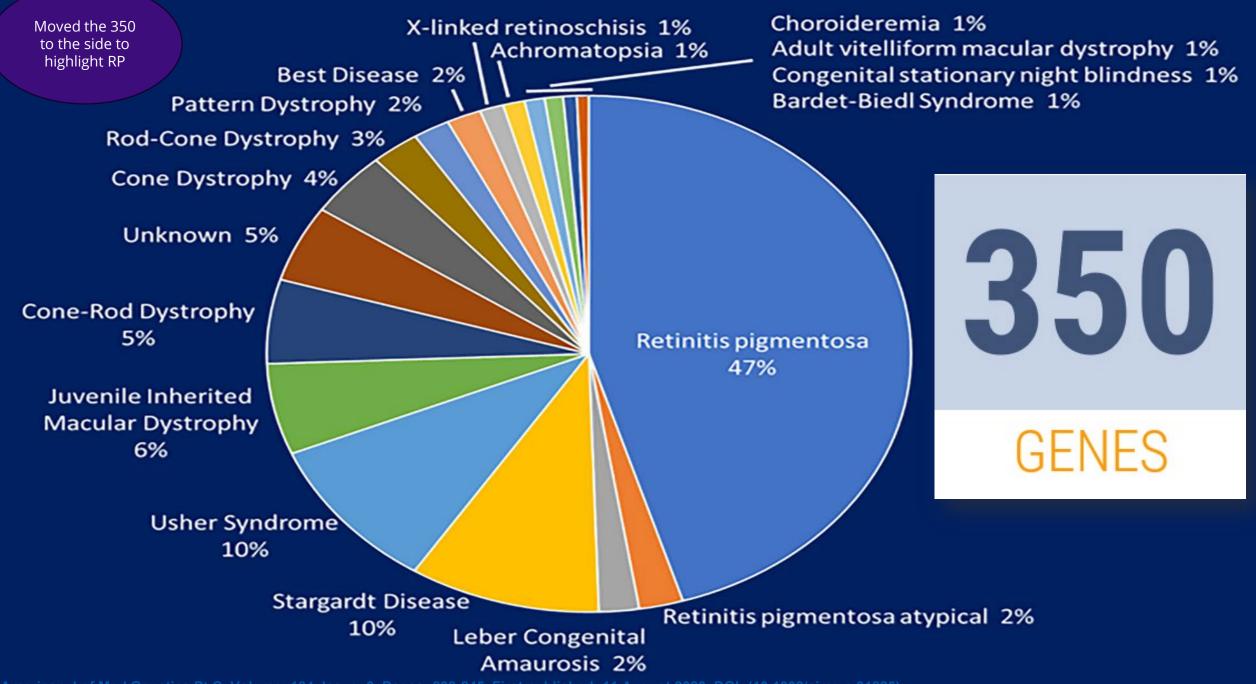
WORLDWIDE

300,000 people

In the US

1

FDA approved therapy



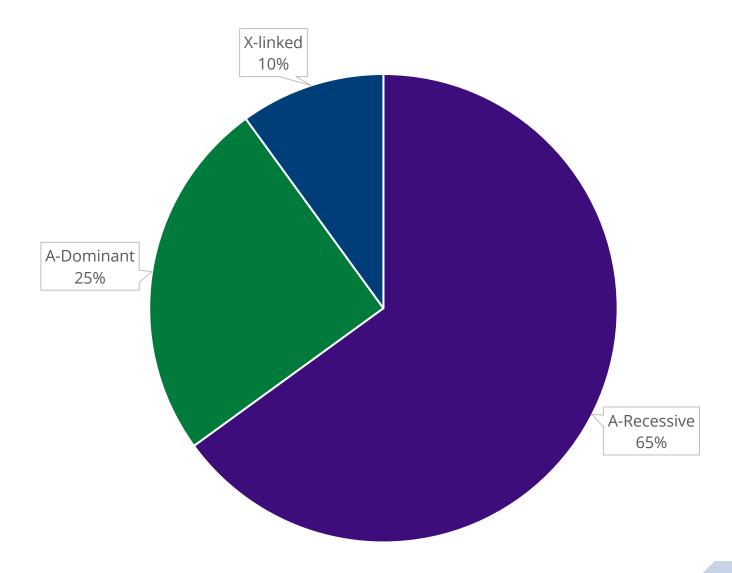
# 

**IRD-GENES** 



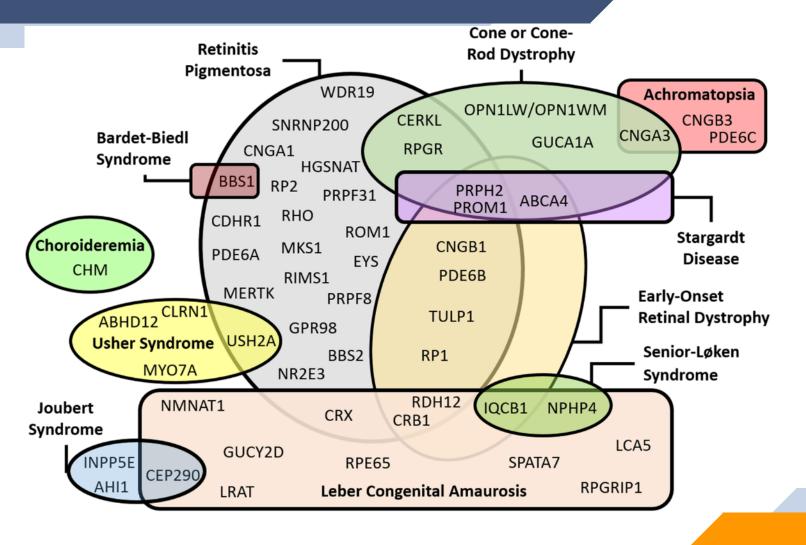
#### RP inheritance patterns

60 RP-GENES



#### Genetic heterogeneity

One disease can be caused by multiple genes



# Genetics is changing the naming of diseases

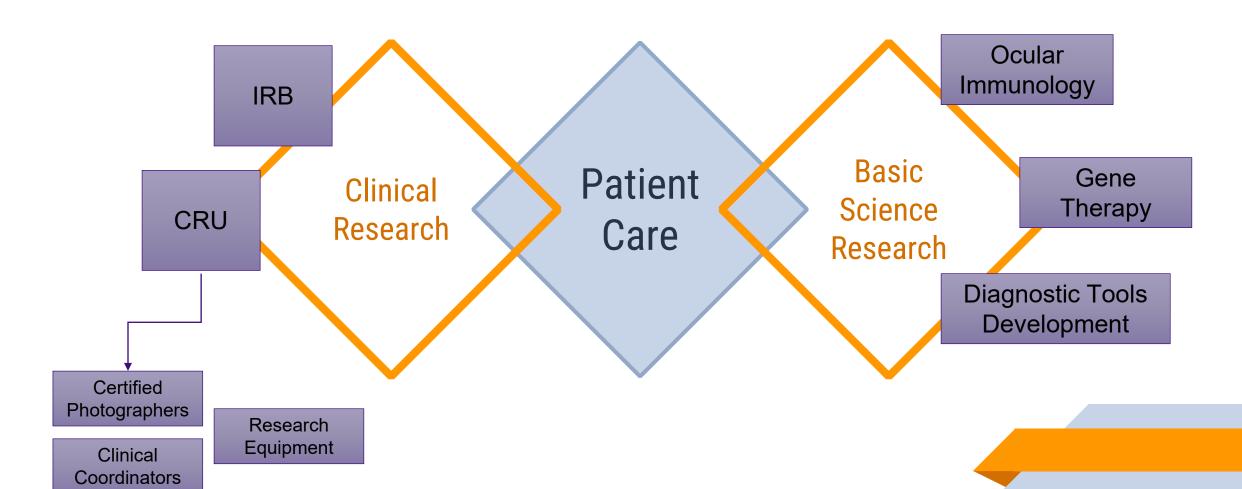


# 5,200 patients / year

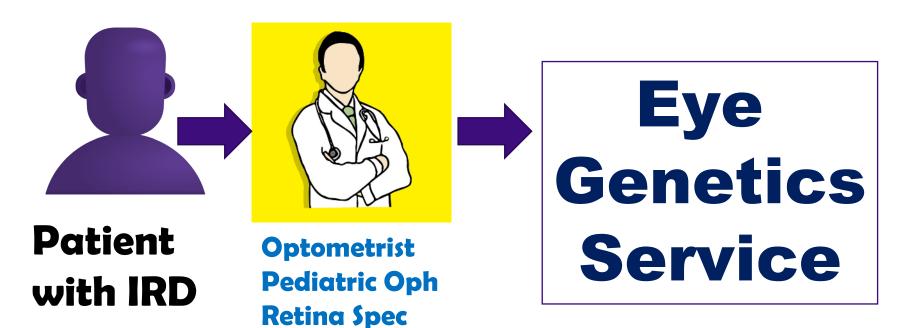
Ophthalmic Genetics Service

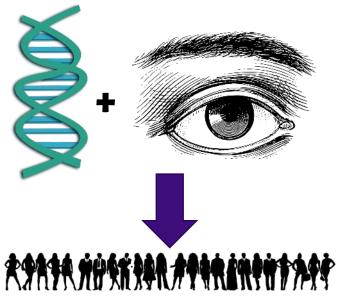


#### Clinical and Research integration



#### The patient's journey







#### **Phenotyping**







#### **Comprehensive Hx**

Cone-Specific

**Optic Nerve** 

Non-Syndromic

**Syndromic** 

**Rod-specific** 

**Pedigree** 

**A** Dominant

**A Recessive** 

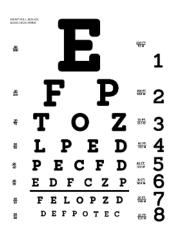
X-linked

**Mitochondrial** 

#### Phenotyping - basic

#### **Visual Acuity**

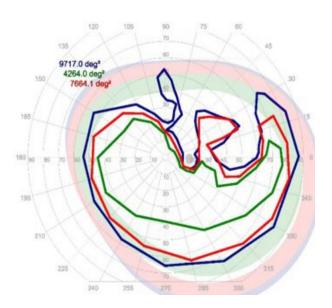




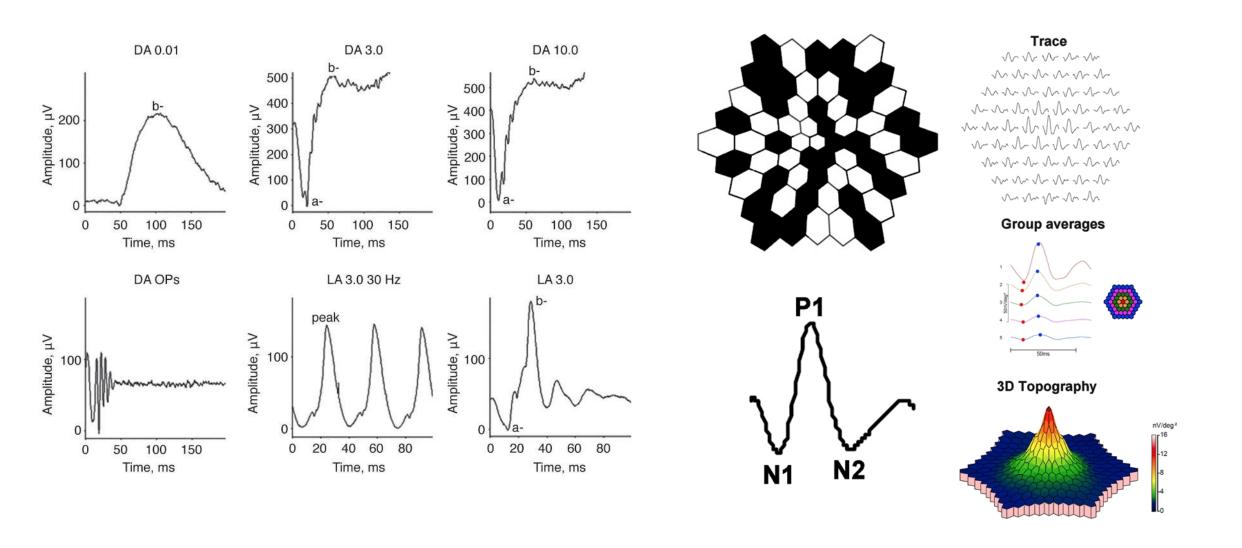
#### **Color vision**



#### **Visual Field**



#### Objective functional outcomes



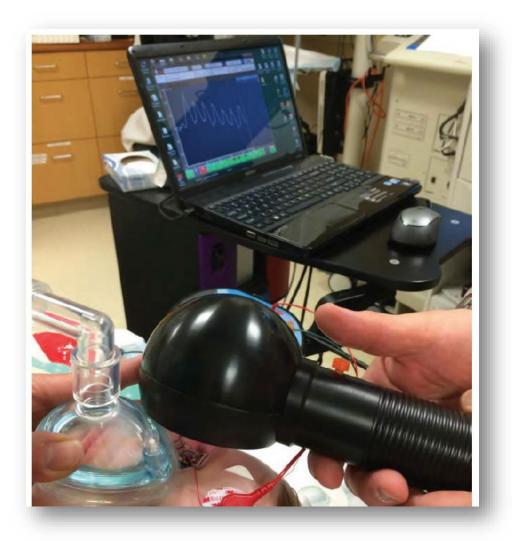
### **Pediatric Testing**

#### Hand Held ERG and ERG under anesthesia

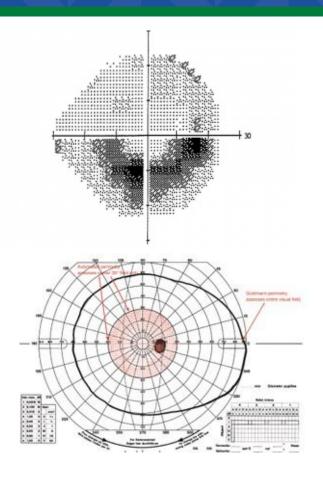








#### Perimetry





#### **OCT imaging in Surgery**

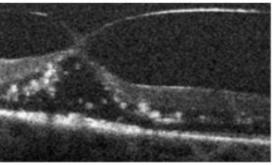
- Portable system
- Pause to image

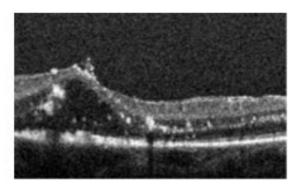






Joseph Izatt





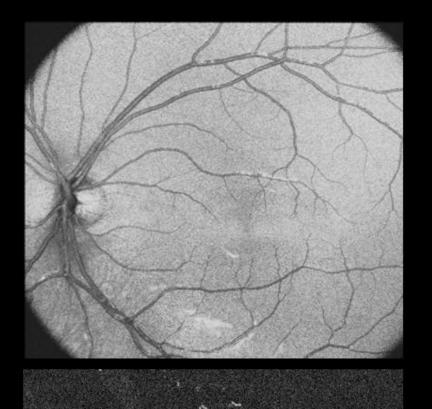
- -Dayani PN, Maldonado R, Farsiu S, Toth CA Retina, 2009
- -Scott AW, Farsiu S, Enyedi LB, Wallace DK, Toth CA. AJO, 2009
- -Ehlers JP, Kernstine K, Farsiu S, Sarin N, Maldonado R, Toth CA. Arch Ophthalmol. 2011



#### Faster OCT imaging in BabySTEPS2



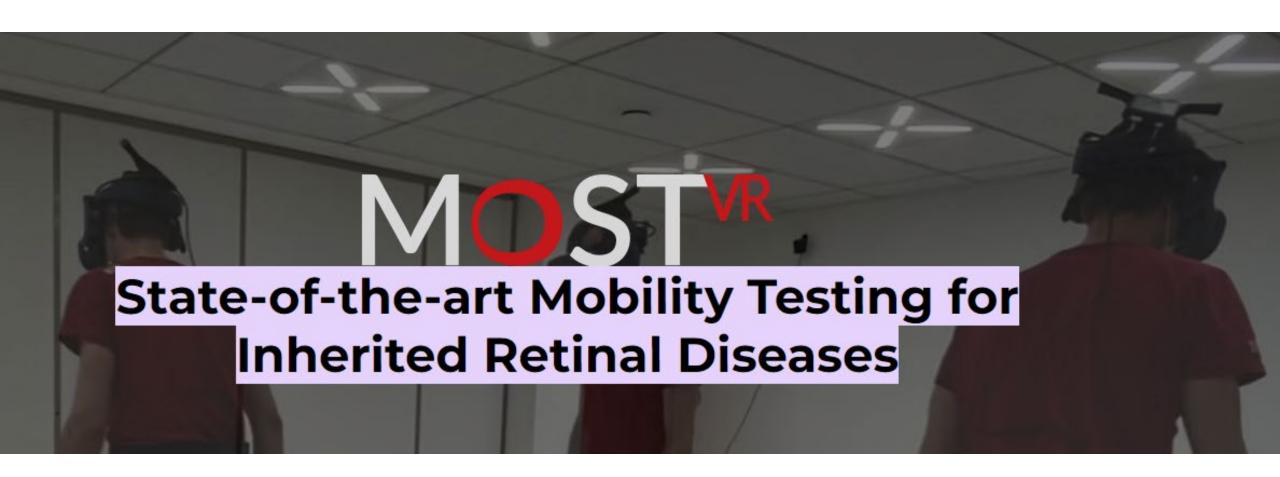
400 kHz Swept Source OCT



OCT imaging NOT a photo

Viehland et al BOE 2019 Mangalesh S Ophthalmology Retina 2020

#### **VIRTUAL REALITY TEST**



#### **Genetic Testing is now Standard of Care**



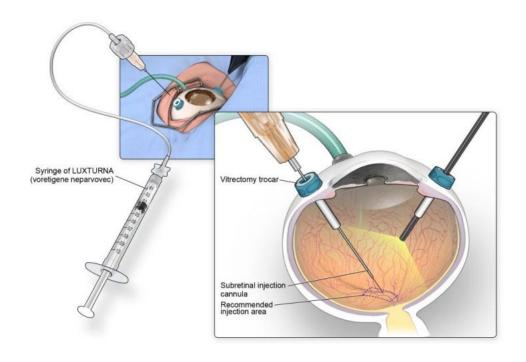


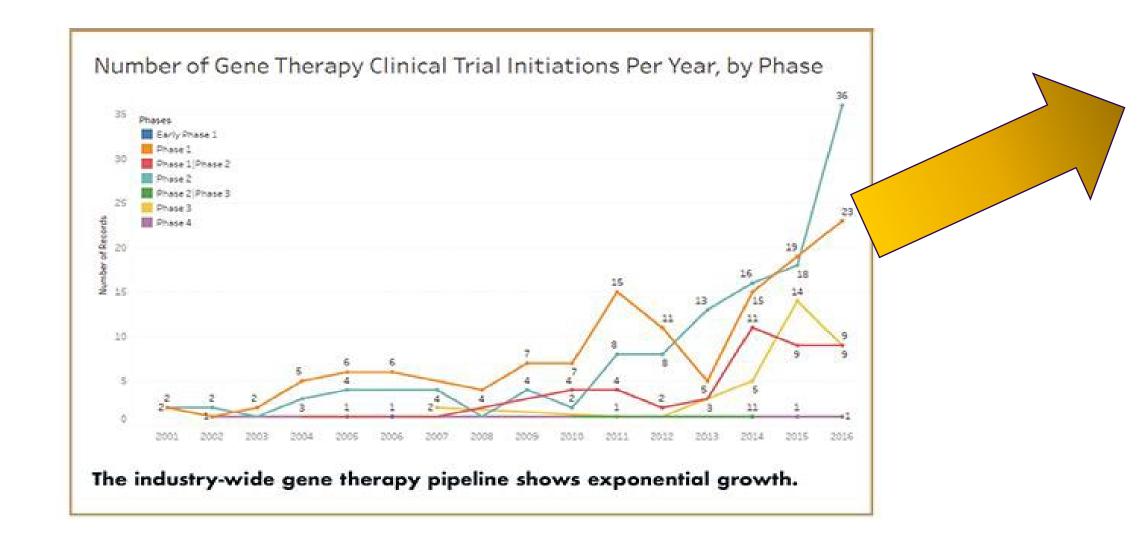




# There is an FDA approved Gene therapy









## Gene therapy is a reality but...

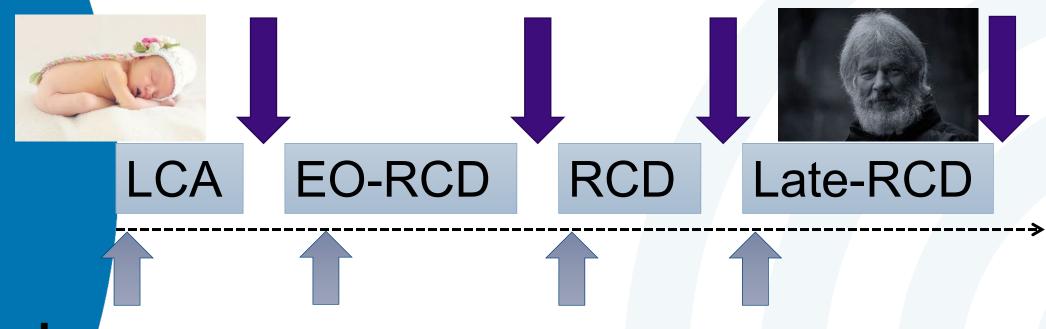
Can we miss the boat?

How many studies are failing?

Is there a risk to lose momentum?

# Early detection means Treatment success

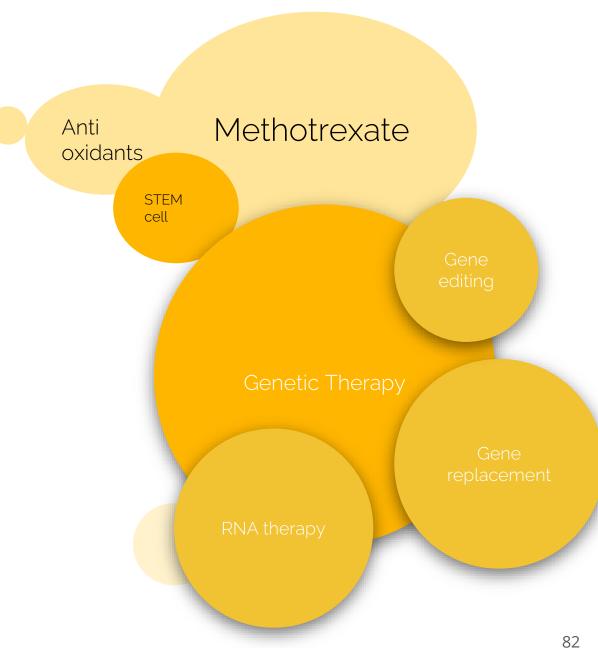
### Do we intervene here...



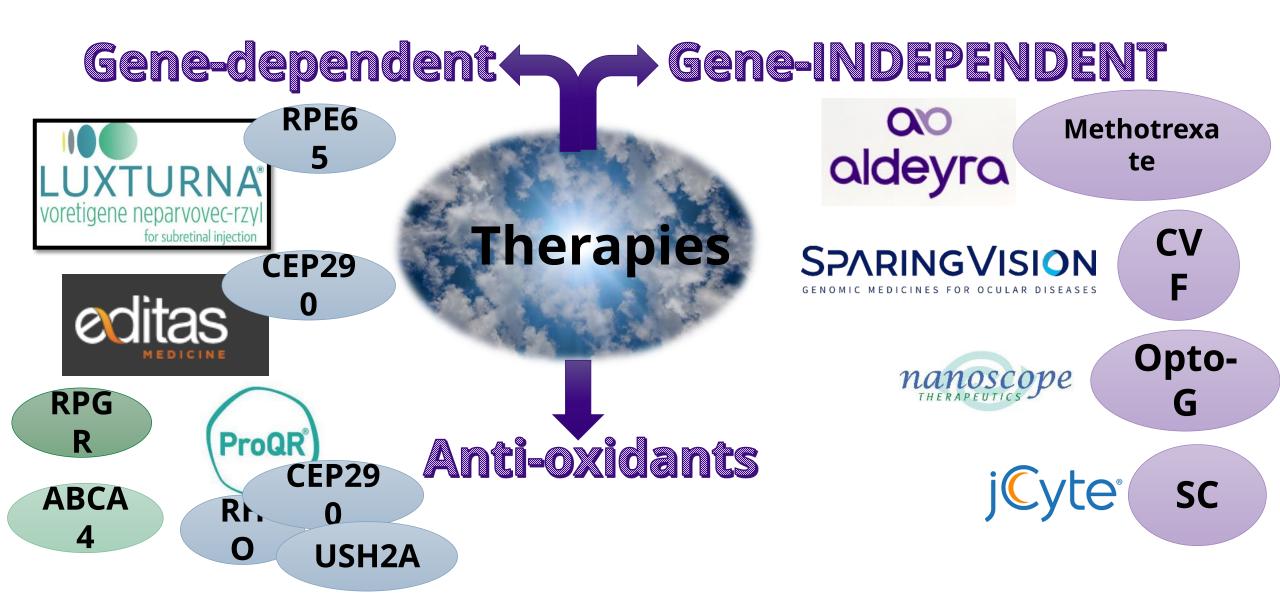
Or here...

# There are multiple proposed Therapies





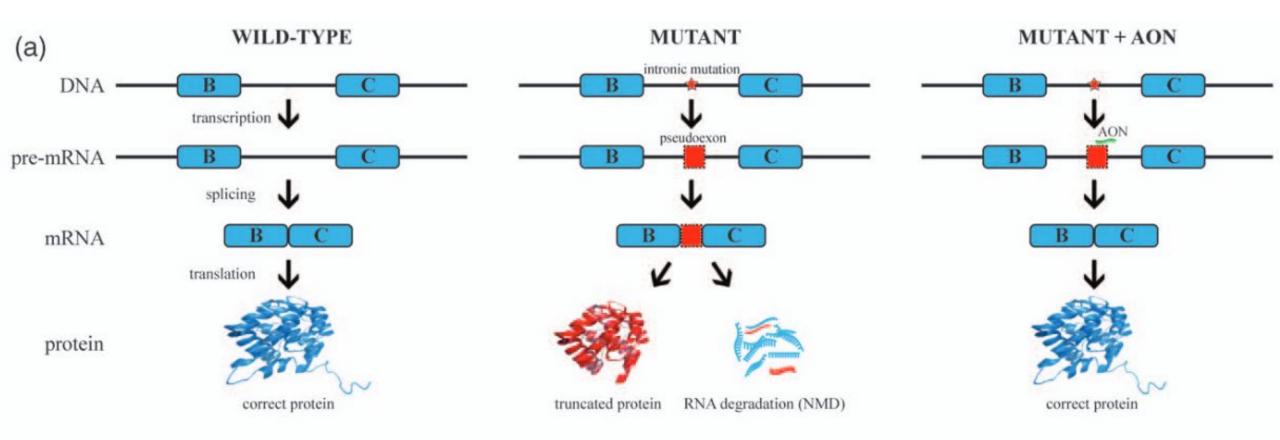






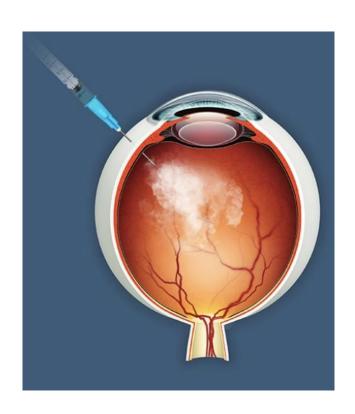


## **RNA Therapy**



Applications of antisense oligonucleotides for the treatment of inherited retinal diseases Rob W.J. Collina, and Alejandro Garantoa,

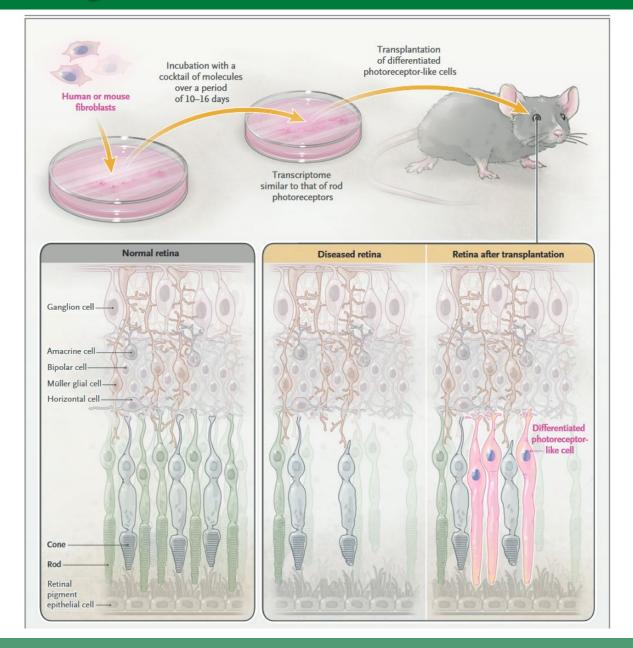
## STEM Cells



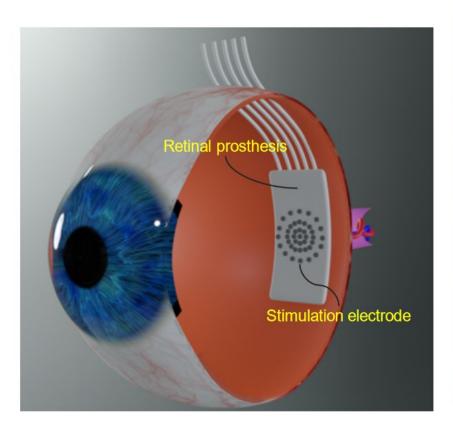
Intravitreal Injection of Allogeneic Human Retinal Progenitor Cells (hRPC) for Treatment of Retinitis Pigmentosa: A Prospective Randomized Controlled Phase 2b Trial

<u>David Liao</u>; <u>David S Boyer</u>; <u>Peter Kaiser</u>; <u>Baruch D Kuppermann</u>; <u>Jeffrey Heier</u>; <u>Mitul Mehta</u>; <u>Anthony Joseph</u>; <u>Rebecca Kammer</u>; <u>Bonnie Mills</u>; <u>Jing Yang</u>; <u>Henry Klassen</u>

## **Chemically-Induced Photoreceptors**



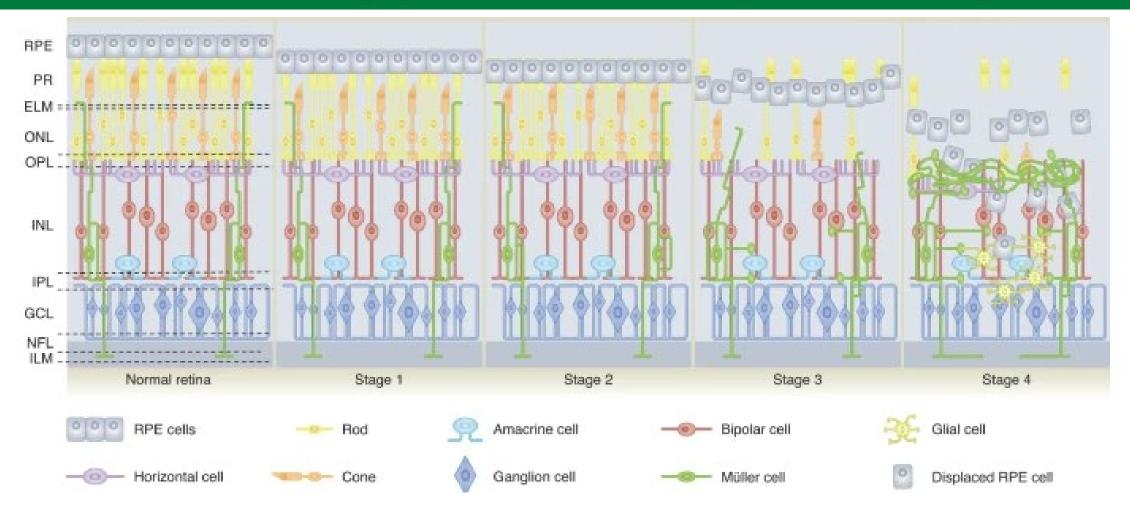
## **Retinal Prosthesis**





Ning Xi, Jiaxun Ye, Chao Ping Chen, Qiang Chu, Haiyang Hu, Seak Pang Zou

## A Therapy According to Stage



<sup>•</sup>Review Article Published: 31 January 2022 **Bioengineering strategies for restoring vision** 

<sup>•</sup>Jasmina Cehajic-Kapetanovic, Mandeep S. Singh, Eberhart Zrenner &

<sup>•</sup>Robert E. MacLaren Nature Biomedical Engineering volume 7, pages387–404 (2023)

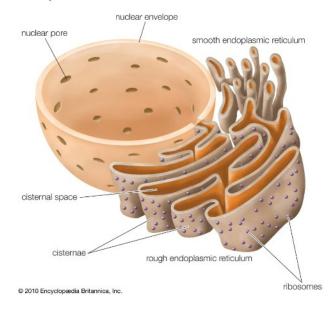
Adv Exp Med Biol. 2010; 664: 115–121. doi:10.1007/978-1-4419-1399-9\_14.

#### Misfolded Proteins and Retinal Dystrophies

Jonathan H. Lin and Matthew M. LaVail

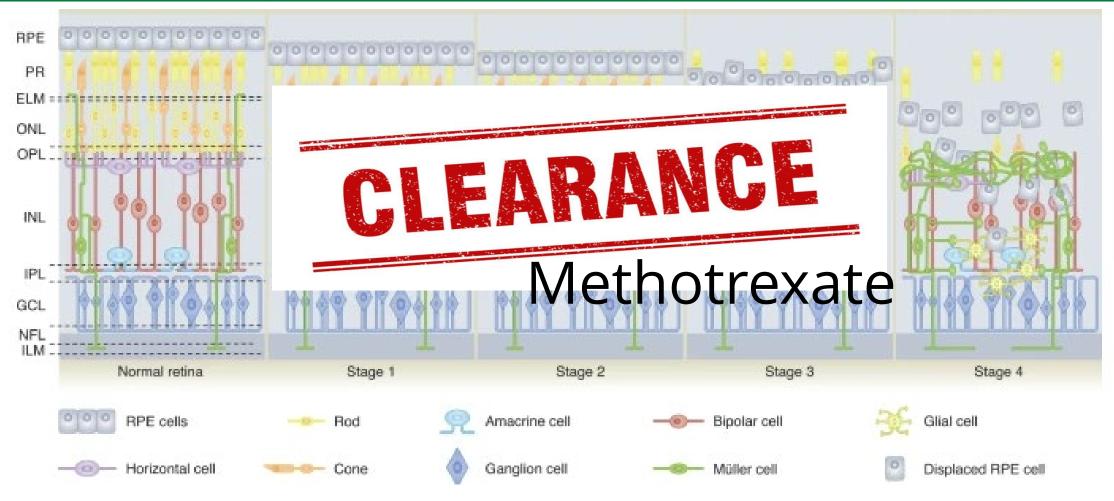
- Many mutations associated with retinal degeneration lead to the production of misfolded proteins by cells of the retina.
- These abnormal proteins <u>cause cell</u> <u>death</u> by activating the Unfolded Protein Response, a set of conserved intracellular signaling pathways that detect protein misfolding <u>within the endoplasmic reticulum</u> and control protective and proapoptotic signal transduction pathways.

#### Endoplasmic reticulum





## A therapy according to the stage



<sup>•</sup>Review Article Published: 31 January 2022 Bioengineering strategies for restoring vision

<sup>•</sup>Jasmina Cehajic-Kapetanovic, Mandeep S. Singh, Eberhart Zrenner &

<sup>•</sup>Robert E. MacLaren Nature Biomedical Engineering volume 7, pages387–404 (2023)

## Vision Sciences Living in Momentum



## Genetic testing interpretation can be



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Ramiro Maldonado (Duke)

ro Robert onado Hufnagel o) (NIH)

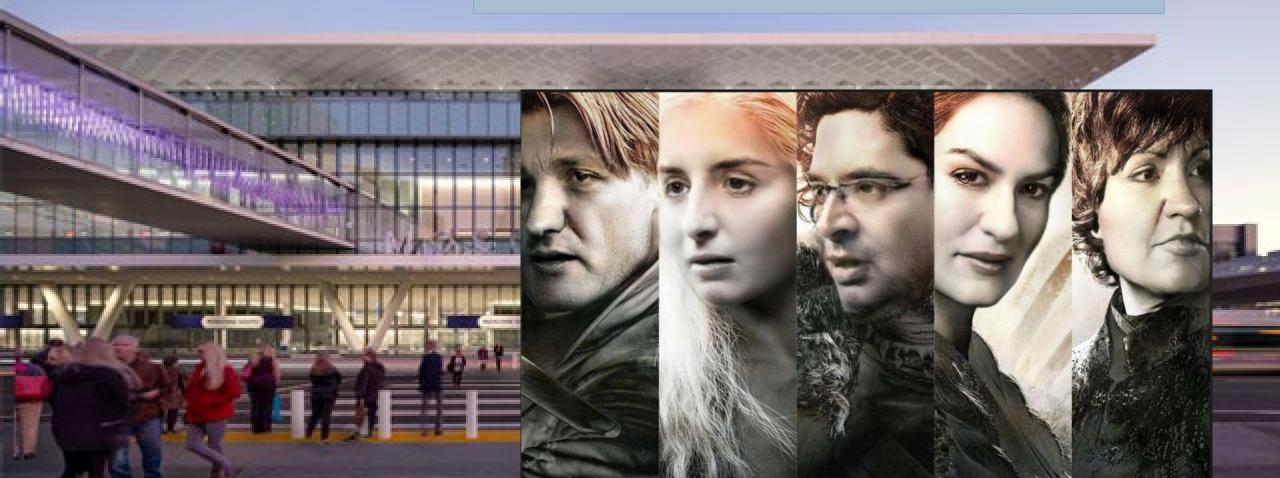
rt Kristy agel Lee (UNC)

Interpreting genetic tests: The basics of molecular diagnosis through application of results



## AAO course 2024

# Game of Genes



ERG in children Workshop



**AAPOS 2024** 

**AUSTIN ★ TEXAS** 











## Thank you!



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@RamMaldonado32

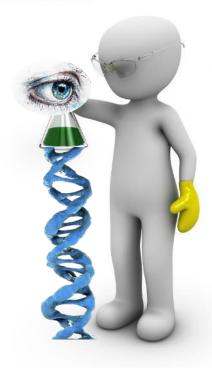


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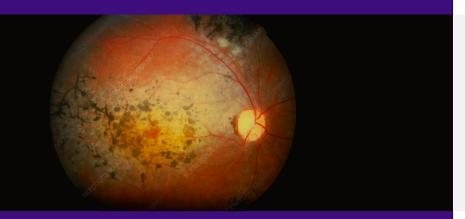
Todd C. Brady, M.D., Ph.D. Chief Executive Officer

# Phase 2 Clinical Trial of ADX-2191 in Retinitis Pigmentosa

ADX-2191 has the potential to be the first approved drug for retinitis pigmentosa, a clinical group of rare genetic eye diseases.

Retinitis pigmentosa refers to a group of inherited retinal diseases characterized by cell death and loss of vision.

- Retinitis pigmentosa affects more than 1 million people worldwide. Mutations leading to rhodopsin misfolding account for approximately one-third of cases.
- There is no approved therapy for retinitis pigmentosa.
- **U.S. FDA Orphan Drug Designation** for ADX-2191 for the treatment of retinitis pigmentosa was granted in August 2021.





Preclinical electroretinographic evidence in a P23H rhodopsin mutation mouse model of retinitis pigmentosa suggests that methotrexate improves retinal function.



### ADX-2191: Phase 2 Clinical Trial Design in Retinitis Pigmentosa

#### Design

Single-center, dose-ranging, open-label clinical trial of ADX-2191 (400µg methotrexate in 0.05mL) in patients with retinitis pigmentosa

#### **Inclusion Highlights**

Diagnosis of retinitis pigmentosa due to rhodopsin gene mutations, including P23H

#### **Dosing Regimen**

Cohort A (n = 4):

Monthly injections of ADX-2191 for three months

Cohort B (n = 4):

Twice-monthly injections of ADX-2191 for three months

#### **Primary Endpoint**

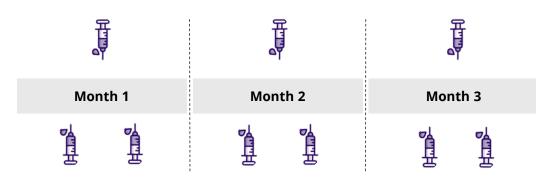
Safety and tolerability

#### **Secondary Endpoints**

- 1. Best corrected and low-light visual acuity
- 2. Macular retinal sensitivity as assessed by MAIA perimetry
- 3. Dark-adapted flash analyzed by ERG
- 4. Peripheral retinal sensitivity as assessed by DAC perimetry
- 5. Retinal morphology as assessed by OCT

Acuity, perimetry, and OCT assessments were performed monthly for four months from initiation of therapy. ERG was performed at baseline and at 90 days from initiation of therapy.

#### Cohort A: Monthly Intravitreal Injections

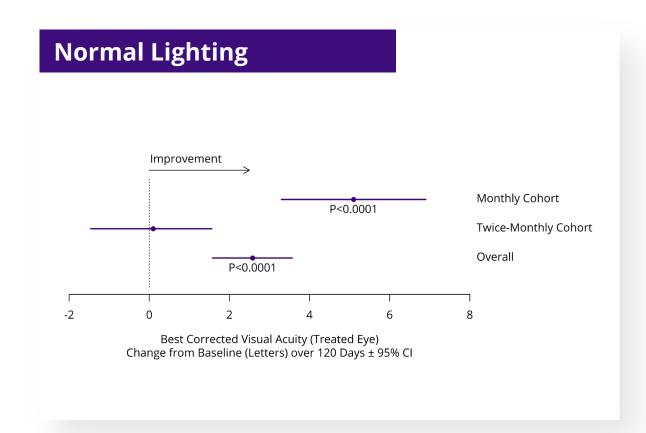


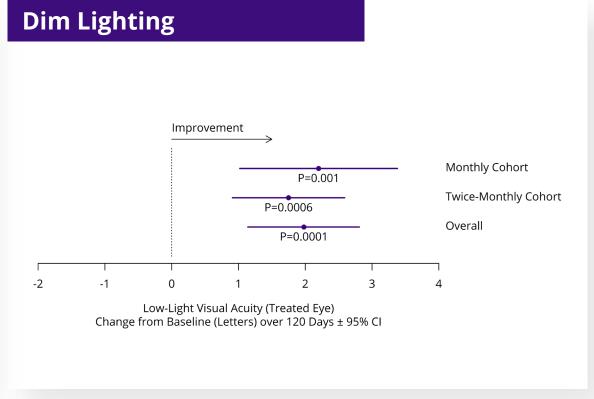
Cohort B: Twice-Monthly Intravitreal Injections





## Statistically Significant Improvement in Visual Acuity Observed in the Retinitis Pigmentosa Phase 2 Clinical Trial

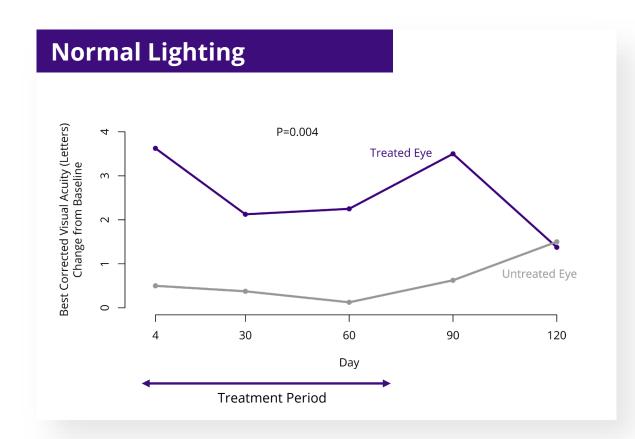


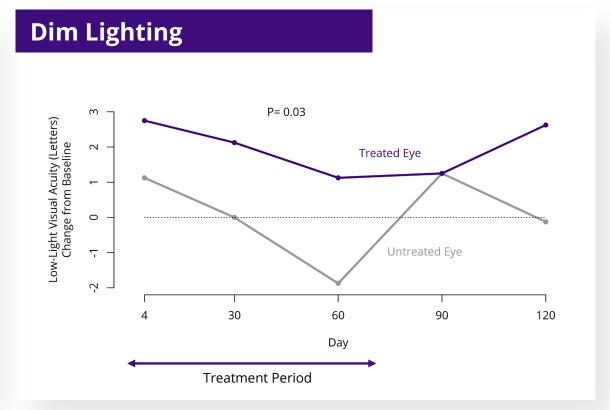






## In the Retinitis Pigmentosa Phase 2 Clinical Trial, Visual Acuity in ADX-2191-Treated Eyes Was Superior to that of Untreated Eyes

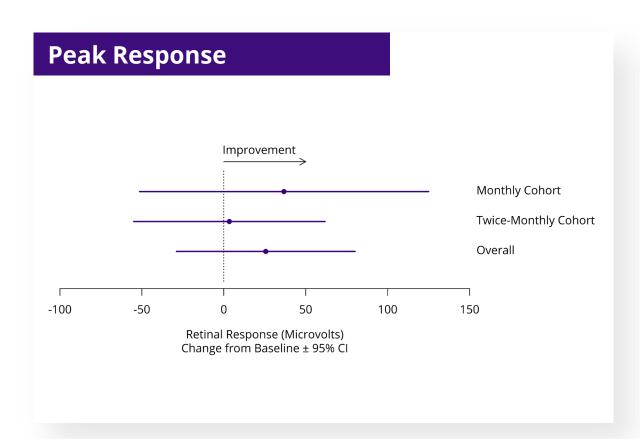


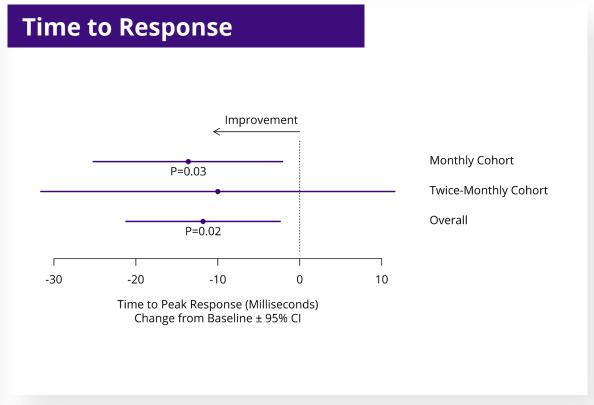






## As Assessed by ERG, Retinal Function Improved in the Retinitis Pigmentosa Phase 2 Clinical Trial

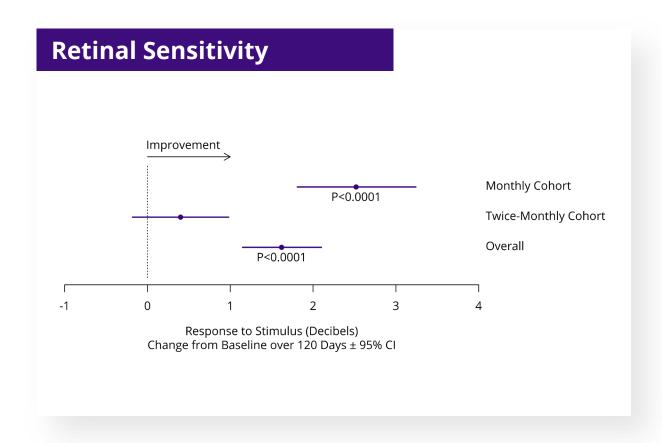






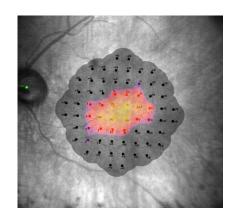


### As Assessed by MAIA Microperimetry, Statistically Significant Improvement in Retinal Sensitivity Observed in the Retinitis Pigmentosa Phase 2 Clinical Trial

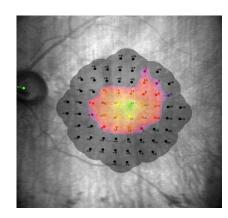


Illustrative results from an enrolled patient indicate central and peripheral improvement in macular retinal sensitivity

**Baseline** 



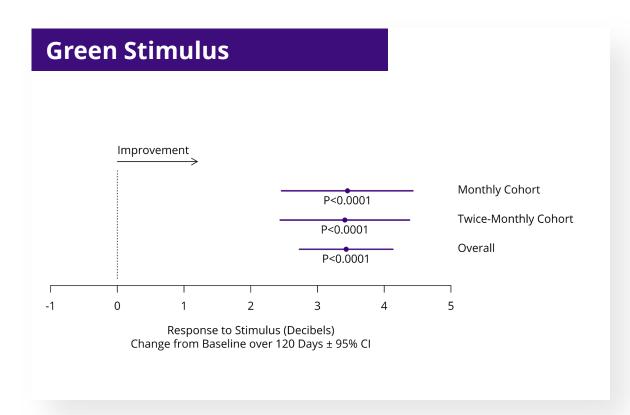
**Day 90** 

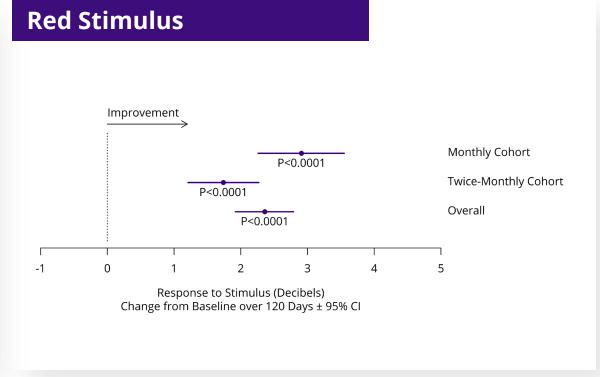






### As Assessed by DAC Perimetry, Statistically Significant Improvement in Retinal Sensitivity Observed in the Retinitis Pigmentosa Phase 2 Clinical Trial









### Planned Phase 2/3 Clinical Trial of ADX-2191 in Retinitis Pigmentosa

Design	Randomized, double-masked, clinical trial
Dosing	40 μg vs. 400 μg administered monthly for 12 months
Size	30 retinitis pigmentosa patients with rhodopsin mutations, randomized 1:1
Primary Endpoint	Peripheral vision sensitivity to green (rod-mediated) light under dimly lit (scotopic), dark-adapted conditions
Other Endpoints	Best-corrected and low-light visual acuity, safety

**Clinical trial initiation expected in H2 2024**<sup>†</sup>





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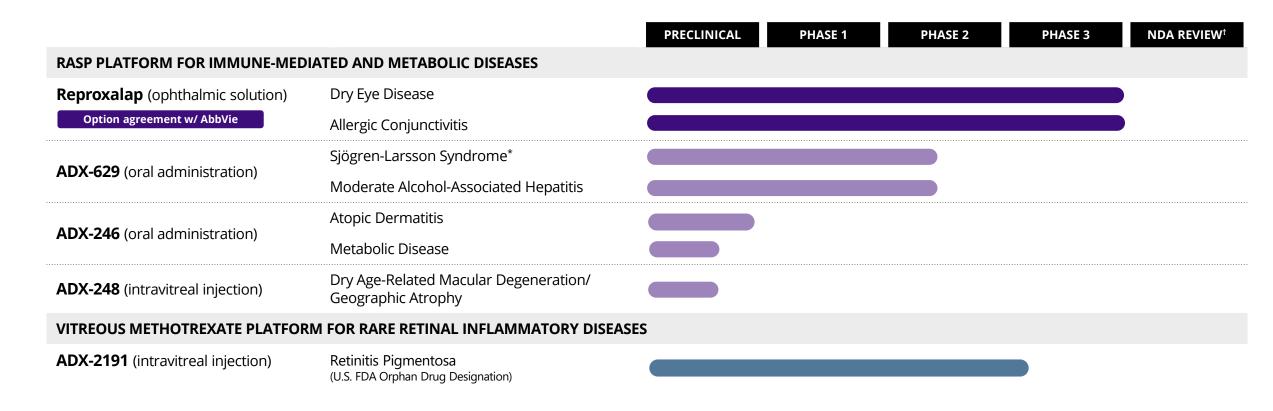
Questions

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Todd C. Brady, M.D., Ph.D., Chief Executive Officer, Aldeyra Therapeutics

Pipeline and Milestone Review

# Aldeyra Is a Well-Capitalized Biotechnology Company with a Broad Immunology and Metabolic Pipeline



As of 12/31/2023, cash and cash equivalents were \$142.8M, which Aldeyra believes will be sufficient to fund the Company beyond 2026.





### Clinical and Regulatory Milestones







†Regulatory review and discussion timelines are flexible and subject to change based on the regulator's workload and other potential review issues. ‡The timing of clinical trials depends, in part, on the availability of clinical research facilities and staffing, the ability to recruit patients, and the number of patients in the trial. \*Investigator sponsored



**ADX-248** 





**Dry Eye Disease** 

Proposed clinical trial top-line results and potential NDA resubmission expected in second half of 2024, pending clinical trial results, feedback from ongoing FDA discussions, and other factors<sup>† ‡</sup>



Sjögren-Larsson Syndrome

Phase 2 clinical trial top-line results announced\*



Open-label Phase 2 clinical trial results expected H2 2024<sup>‡</sup>



Phase 1 clinical trial initiation expected in H1 2024<sup>‡</sup>



**Metabolic Disease** 

Pre-clinical program initiated

**Dry Age-Related Macular Degeneration/Geographic Atrophy** 

IND expected to be submitted in 2024

#### **Retinitis Pigmentosa**

Phase 3 clinical trial initiation expected in H2 2024<sup>‡</sup>



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Todd C. Brady, M.D., Ph.D., Chief Executive Officer, Aldeyra Therapeutics

Concluding Remarks