



# A Rare Approach TO THERAPEUTICS

May 2026

Nasdaq: ZVRA



Adult living with Niemann-Pick  
disease type C

CRC-ZEV-26-0006-6

# Forward Looking Statements

This presentation may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements relate to future events or our future financial performance. We generally identify forward-looking statements by terminology such as “may,” “will,” “would,” “should,” “expects,” “plans,” “anticipates,” “could,” “intends,” “target,” “projects,” “contemplates,” “believes,” “estimates,” “predicts,” “assume,” “intend,” “potential,” “continue” or other similar words or the negative of these terms. We have based these forward-looking statements largely on our current expectations about future events and financial trends that we believe may affect our business, financial condition and results of operations. Forward-looking statements are not guarantees of future actions or performance. These forward-looking statements include statements regarding our anticipated financial performance, our industry, our intellectual property, business strategy, plans, goals and expectations, future operations, the timing or results of any regulatory submissions, the potential uses or benefits of MIPLYFFA, celiprolol or any other product candidates, the success or timing of the launch or commercialization of any products, and our strategic and product development objectives. These forward-looking statements are based on information currently available to Zevra and its current plans or expectations and are subject to a number of known and unknown uncertainties, risks and other important factors - including those discussed under the caption “Risk Factors” in Zevra’s Annual Report on Form 10-K for the year ended December 31, 2025, filed on March 9, 2026, and in our other filings with the SEC – and could cause actual results, performance, or achievements to differ materially from those indicated by the forward-looking statements made herein. While we may elect to update such forward-looking statements at some point in the future, except as required by law, we disclaim any obligation to do so, even if subsequent events cause our views to change. Although we believe the expectations reflected in such forward-looking statements are reasonable, we can give no assurance that such expectations will prove to be correct. These forward-looking statements should not be relied upon as representing our views as of any date subsequent to this presentation.

This presentation also includes references to certain non-GAAP financial measures, including adjusted net income and adjusted net income per share. Reconciliations of these measures to the most directly comparable GAAP measures, as well as information regarding the usefulness of these measures to management and investors, are included in our earnings press release issued today, which is available on our website.

This presentation also may contain estimates and other statistical data made by independent parties and by us relating to market size and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. In addition, projections, assumptions and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk.

# We are a Purpose Driven Company

## OUR MISSION

**We redefine what is possible**  
in bringing life-changing therapies to  
people living with rare diseases

## OUR VISION

**To become a leading rare disease  
therapeutics company**  
that is driven by patient insights and innovation  
to make a transformational impact on the  
people we serve

## OUR VALUES



**Patient Centricity**  
prioritizing patient needs



**Accountability**  
delivering on commitments consistently



**Integrity**  
always doing what is right



**Innovation**  
transforming possibilities into reality



**Courage**  
acting with strength and conviction

# Unique Opportunity to Impact People Living with Rare Diseases

- ✓ **Commercial-stage** rare disease products
- ✓ **Late-stage** clinical development assets
- ✓ **MAA under review by EMA**
- ✓ **Existing infrastructure** can be leveraged for future growth



**Multiple revenue sources** generated strong net revenue of **\$106.5M** in 2025

Exited Q1 26 with a **strong cash position: \$236.8M<sup>i</sup>**

**Growth mode; operating runway to execute**



Adult living with NPC

# Diversified Portfolio Delivering Value for Patients

	PHASE 1	PHASE 2	PHASE 3	NDA/MAA <sup>i</sup>	APPROVED	STATUS & IP
<b>U.S Commercial</b>	<b>MIPLYFFA<sup>®</sup> arimoclomol</b> <b>Niemann-Pick Disease Type C (NPC)</b>					FDA Approval: Sep 20, 2024 Protection through 2031 via ODE <sup>ii</sup>
	<b>OLPRUVA<sup>®</sup> sodium phenylbutyrate for oral suspension</b> <b>Urea Cycle Disorders (UCD)</b>					FDA Approval: Dec 22, 2022 IP through 2036
<b>EU Regulatory</b>	<b>Arimoclomol</b> <b>Niemann-Pick Disease Type C (NPC)</b>					MAA under review by EMA Submitted Jul 28, 2025
<b>Late Stage Development</b>	<b>Celiprolol</b> <b>Vascular Ehlers-Danlos Syndrome (VEDS)</b>					Ph. 3 trial ongoing IP potential through 2038

Certain products may be subject to royalty obligations, details and required disclosures are available in our SEC filings or on our website: [www.zevra.com](http://www.zevra.com).

i. New Drug Application\Marketing Authorization Application; ii. Orphan Drug Exclusivity

The safety and efficacy of product candidates have not been established. There is no guarantee that these products will receive health authority approval or become commercially available for the uses being investigated.

# Fulfilling Our Mission to Bring Life-Changing Therapies to People Living with Rare Disease



## Resources Prioritized Across Four Pillars to Achieve our Vision

### Marketed Therapies

Growth mode for MIPLYFFA® to deliver meaningful benefit to patients



### Pipeline and Innovation

Synergistic growth opportunities



### Talent and Culture

Experienced team with rare disease expertise



### Corporate Foundation

Strong balance sheet with financial discipline



# Executing Against Key Growth Drivers in 2026

## Marketed Products

Established MIPLYFFA as Foundational Treatment for NPC



- Adoption achieved in ~50% of diagnosed patients as of March 31, 2026

## Pipeline and Innovation

Significant Growth Opportunities



- Arimoclomol MAA under review by EMA
- 122 patients in global expanded access program
- Pivotal Phase 3 trial underway for celiprolol; engaged FDA in Type C meeting to discuss regulatory options

## Talent and Culture

Becoming “Partner of Choice” for Rare Disease Products



- Demonstrating leadership through advocacy, community engagement, and patient and caregiver support services
- Established presence in rare disease biotech hub

## Corporate Foundation

Strengthened Capital Position Through \$50M SDX Portfolio Sale



- Debt-free balance sheet
- Demonstrated operational discipline
- Bolstered financial flexibility



## Marketed Therapies

**Niemann-Pick disease type C (NPC) is an ultra-rare genetic disorder that leads to premature mortality.**

*For full prescribing information, visit [MIPLYFFA.com](https://www.mipluffy.com)*



Adult living with NPC

# NPC is a Devastating and Fatal Lysosomal Storage Disorder

~900 people in the U.S. with NPC, 300–350 diagnosed or treated<sup>1</sup>

## Cholesterol Buildup Leads to Cell Death



NPC gene mutations produce abnormal, absent, or non-functional NPC proteins<sup>2</sup>

Progressive lipid build up leads to cell death and ultimately organ dysfunction in the spleen, liver, and brain

## Heterogenous Presentation



### Age of Onset

*Split 50/50 (children/adults)*

### Rate of Progression

### Presentation of Symptoms

## Signs and Symptoms of NPC:



Cognition



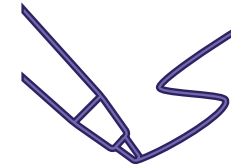
Speech



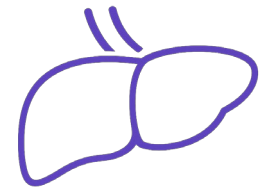
Ambulation



Swallow



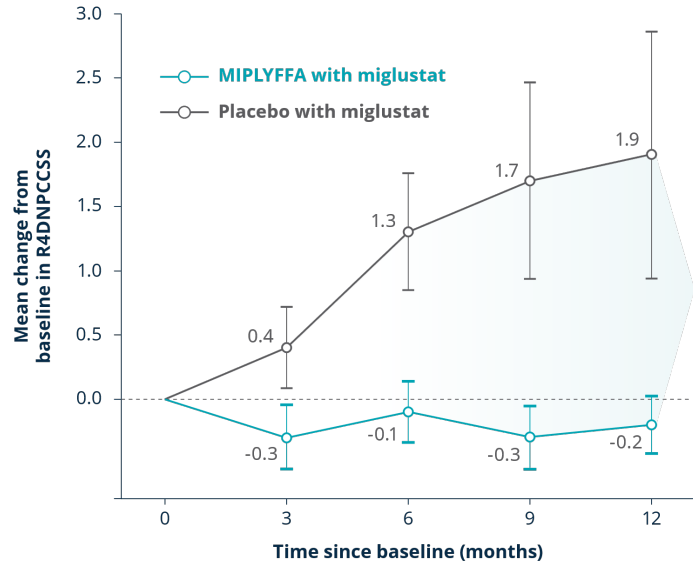
Fine Motor Skills



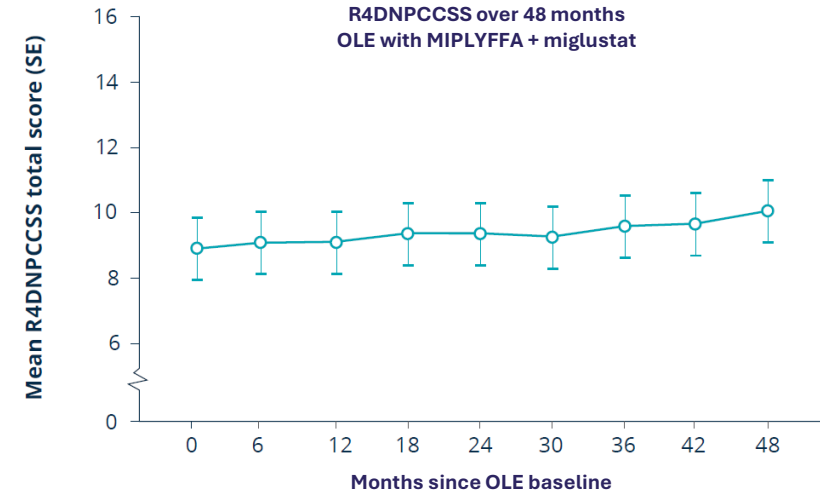
Visceral

# Multiple Trials Demonstrate MIPLYFFA's Impact on NPC Progression

Proven effectiveness using the NPC Clinical Severity Scale in combination with miglustat<sup>i,3,4</sup>



**~80%**  
Of patients who participated in the Phase 2/3 clinical trial took miglustat<sup>3</sup>



## Changing the Therapeutic Landscape of NPC



**Improvement**  
at first evaluation Week 12<sup>3,4</sup>



**Halts Disease Progression**  
at 12 months<sup>3,4</sup>



Durable effect for  
**5+ Years**<sup>3,4</sup>

# Establishing MIPLYFFA as Foundational Treatment for NPC

Demonstrating Clinical Differentiation	Driving Patient Access	Increasing Identification of Patients
<ul style="list-style-type: none"><li>• Unique <b>mechanism of action</b> improves cholesterol trafficking through improved lysosomal function and upregulation of genes belonging to the CLEAR network<sup>i,5</sup></li><li>• Strength of <b>clinical data</b></li><li>• Magnitude of <b>safety database</b></li><li>• Robust and expanding <b>body of evidence</b></li></ul>	<ul style="list-style-type: none"><li>• Payor coverage at <b>69%</b> of covered lives<sup>ii</sup></li><li>• Patients gaining coverage through <b>Medical Exception Pathways</b>, if not on formulary</li><li>• Driving conversion of Patient Enrollments and High Adherence Rates</li></ul>	<ul style="list-style-type: none"><li>• <b>170</b> patient enrollments<sup>ii</sup></li><li>• Programs implemented to <b>find undiagnosed patients</b> yielding encouraging results</li><li>• Expanded <b>genetic Dx collaboration</b> yielding <b>new patient identification</b></li><li>• Initiated <b>AI predictive model</b> to find potential patients</li></ul>

Independent market research suggests MIPLYFFA is the preferred NPC therapy most trusted by clinicians and shown to improve balance, swallowing, cognition, speech, and reduce falls.

# Capturing the Next Wave of Growth for MIPLYFFA

## U.S. Prevalence

~**900** individuals in the U.S. live with NPC of which 300-350 are diagnosed or treated

- Continuing to drive penetration amongst currently Dx patients
- Finding Dx but not treated patients
- Helping get new patients Dx & treated earlier

## EU Prevalence

~**1,100** individuals living with NPC in Europe<sup>5</sup>  
Diagnosis rates **estimated to be higher** than the U.S.

- MAA under review by EMA
- Submission includes most expansive data set available in NPC
- Expanding EAP to support more patients

## Expanded Access

Geographic expansion to broaden access outside the U.S. and Europe

- Supporting a greater number of patients
- Furthers mission to provide access
- Building distributor network in select territories



## Pipeline and Innovation

**Vascular Ehlers-Danlos Syndrome (VEDS) is a severe autosomal, dominant, genetic, connective tissue disorder.**



Adult living with VEDS

# VEDS is a Life-threatening Connective Tissue Disorder with No Approved Treatments

VEDS is the **most severe** Ehlers-Danlos syndrome subtype<sup>6</sup>



Inherited **connective tissue disorder** caused by **COL3A1** gene mutations



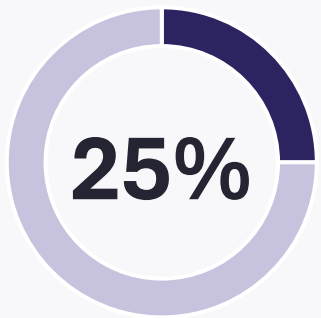
**Leads to defect** in type III procollagen in vessel walls and hollow organs



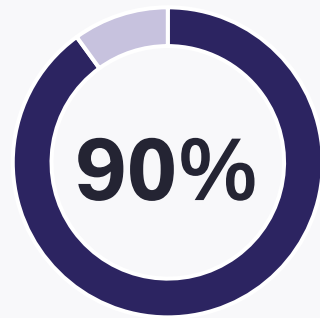
Characterized by **arterial aneurysms** and **hollow organ ruptures**<sup>6</sup>

**~7,500** individuals in the U.S. diagnosed and live with VEDS<sup>7</sup>

95% of diagnoses are genetically confirmed (*COL3A1*)<sup>7, 8</sup>



~**25%** of patients experience an event **before the age of 20**<sup>7</sup>



~**90%** of patients experience an event **by the age of 40**<sup>7</sup>

Median survival age  
**51 YEARS**

Arterial rupture being the **most common** cause of sudden death<sup>7</sup>

# Celiprolol is a Potential Treatment of Patients with COL3A1+ VEDS

- Celiprolol addresses VEDS by reducing mechanical stress on collagen fibers within arterial wall<sup>9</sup>
- New chemical entity in the U.S., Orphan drug & breakthrough therapy designation
- Selective adrenergic modulator (SAM)

## Consistent Reduction in Major Vascular Events Across Previously Completed Studies <sup>10,11,12</sup>

- Randomized & real-world data across BBEST and two long-term European cohorts
- ~5% annual major vascular event rate on celiprolol vs ~12% untreated
- Improved survival observed in treated patients

## DISCOVER TRIAL

### Phase 3 DiSCOVER Trial Ongoing

- Decentralized pivotal trial (in-home & virtual)
- Special Protocol Assessment (SPA)
- Designed to confirm clinical benefit seen in prior studies
- 62 of 150 patients enrolled as of Q1 26
- Interim analysis at 28 events; final at 46 events

Celiprolol is the primary treatment for VEDS patients in several European countries<sup>6</sup>



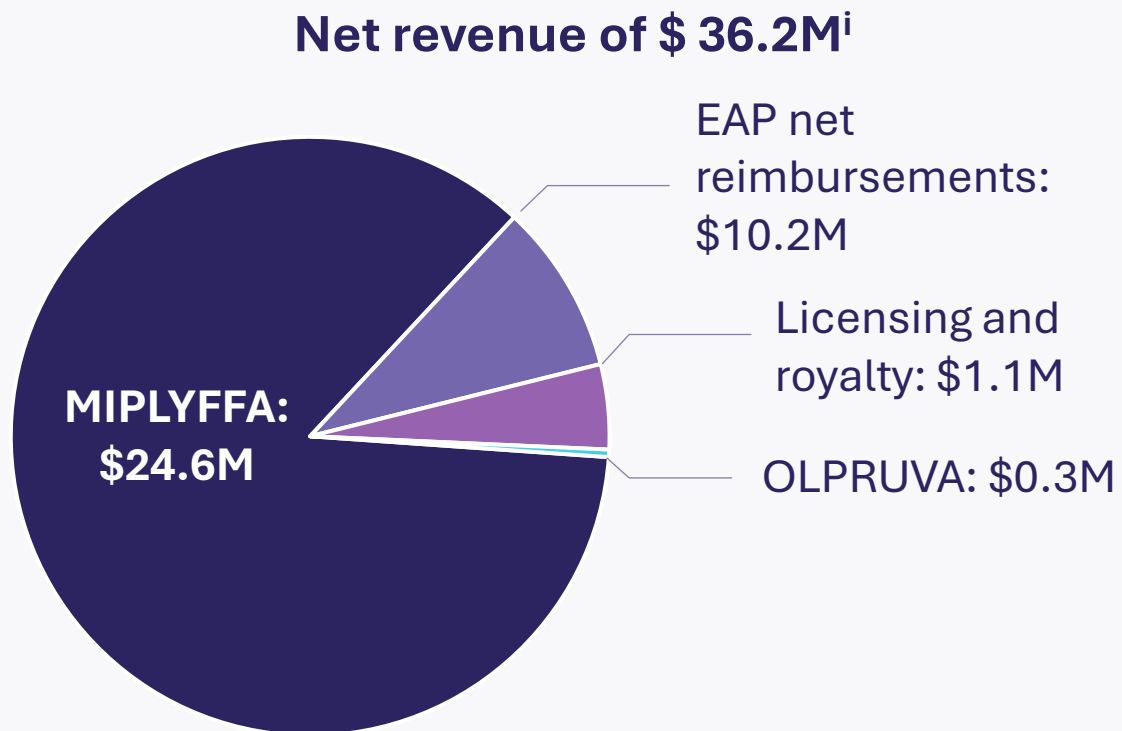
# Strong Corporate Foundation

**Demonstrating Financial Discipline**



# Financial Position is a Source of Strength

## 2026 Q1 Income Statement Details<sup>i</sup>



Q1 2026 net income of \$37.9M, or \$0.62 per basic share and \$0.60 per diluted share

- Includes non-cash fair value adjustment of \$0.8M, non-cash stock-based compensation expense of \$3.1M, and non-cash intangible asset amortization of \$0.3M

## Balance Sheet as of March 31, 2026:

- Available cash, cash equivalents and investments of **\$236.8M** and no debt

# Growth Drivers to Maximize the Opportunity in 2026 and Beyond

## Commercial Execution to Further Unlock NPC Opportunity in the U.S.



- Continue **successful execution of U.S. launch** to drive access to prevalent patient population
- **Genetic testing** collaborations to find undiagnosed patients
- **Publication strategy** to drive clinical differentiation and continuing education

## Possible Patent Term Extension for MIPLYFFA



- Any exclusivity beyond current term **represents incremental upside**
- **Additional IP filed** with USPTO in 2024 and 2025

## MAA Submitted; Potential for EMA Approval of Arimoclomol



- **Continue to drive EU experience** and KOL network through EAP
- **Go to market strategy** in Europe



**Geographic expansion to broaden access to patients beyond U.S. and Europe**



# A Rare Approach to Therapeutics

Nasdaq: ZVRA



Children living with NPC

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