



# First Quarter 2026 Business Update & Financial Results

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April 29, 2026

Nasdaq: IONS



Yajaira (with family)  
*Living with sHTG*

# On Today's Earnings Call



**Brett Monia, Ph.D.**  
Chief Executive Officer



**Kyle Jenne**  
Chief Global Product  
Strategy Officer



**Beth Hougen**  
Chief Financial Officer



**Holly Kordasiewicz, Ph.D.**  
Chief Development Officer



**Eugene Schneider, M.D.**  
Chief Clinical  
Development Officer



**Eric Swayze, Ph.D.**  
Executive Vice President,  
Research

# Forward-Looking Statements

This presentation includes forward-looking statements regarding our business, financial guidance and the therapeutic and commercial potential of our commercial medicines, additional medicines in development and technologies and our expectations regarding development and regulatory milestones. Any statement describing Ionis' goals, expectations, financial or other projections or guidance, intentions or beliefs is a forward-looking statement and should be considered an at-risk statement. Such statements are subject to certain risks and uncertainties including but not limited to those related to our commercial products and the medicines in our pipeline, and particularly those inherent in the process of discovering, developing and commercializing medicines that are safe and effective for use as human therapeutics, and in the endeavor of building a business around such medicines. Ionis' forward-looking statements also involve assumptions that, if they never materialize or prove correct, could cause its results to differ materially from those expressed or implied by such forward-looking statements. Although Ionis' forward-looking statements reflect the good faith judgment of its management, these statements are based only on facts and factors currently known by Ionis. Except as required by law, we undertake no obligation to update any forward-looking statements for any reason. As a result, you are cautioned not to rely on these forward-looking statements. These and other risks concerning Ionis' programs are described in additional detail in Ionis' annual report on our Form 10-K for the year ended December 31, 2025, and our most recent Form 10-Q quarterly filing, which are on file with the SEC. Copies of these and other documents are available at [www.ionis.com](http://www.ionis.com).

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# Introduction

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Brett Monia, Ph.D.  
Chief Executive Officer

# Well Positioned to Continue Driving Accelerating Growth

Key Catalysts in 2026<sup>1</sup>

5

Phase 3  
Data  
Readouts

✓ Bepirovirsen  
Pelacarsen  
Eplontersen  
Sefaxersen  
Ulefnersen

4

NDA  
Submissions

✓ Zilganersen  
✓ Bepirovirsen  
Pelacarsen  
Eplontersen

3

Launches

Olezarsen  
Zilganersen  
Bepirovirsen

2

Phase 3  
Study Starts

Salanersen  
Sapablursen

Multiple

Phase 2 Data  
Readouts

Alzheimer's Disease (TAU)  
Huntington's Disease (HTT)  
✓ Uncontrolled Hypertension (AGT)

1. Based on current assumptions, subject to change.

# Strengthening Our Commercial Foundation

Providing multi-billion-dollar revenue potential for Ionis<sup>1</sup>

## First Independent Launch Generating Strong Patient Demand

 **Tryngolza**<sup>®</sup>  
(olezarsen) 80 mg injection

First FDA-approved treatment for FCS

Q1:26 U.S. net sales of \$27M

EU Launch underway<sup>2</sup>

## Second Independent Launch Underway

 **DAWNZERA**<sup>™</sup>  
(donidalorsen) 80 mg/0.8 mL injection

Positioned to transform the HAE Treatment Paradigm

Q1:26 U.S. net sales of \$16M

Recently approved in the EU<sup>3</sup>

## Preparations on Track for First Broad Patient Population Launch

**Olezarsen in sHTG**

Groundbreaking Phase 3 results position olezarsen to be the new standard of care for sHTG

Granted Priority Review

PDUFA June 30, 2026

## Preparations on Track for First Independent Neurology Launch

**Zilganersen in AxD<sup>4</sup>**

First ever investigational medicine to show a disease-modifying effect in Alexander disease

Granted Priority Review

PDUFA September 22, 2026

1. Timing expectations and peak sales estimates based on current assumptions and subject to change. 2. Sobi is responsible for commercializing TRYNGOLZA in the EU. 3. Otsuka is responsible for commercializing DAWNZERA in the EU. 4. Alexander Disease

# Olezarsen: Poised to Become Ionis' First Multi-Billion Dollar Medicine



## >3 million people with sHTG in the U.S.<sup>1</sup>

- Includes >1 million people with high-risk sHTG<sup>1</sup>
- Early launch focus on high-risk sHTG with >880 mg/dL or ≥500 mg/dL + AP history and/or comorbidities



- **Highly statistically significant** and **clinically meaningful** reductions in fasting **triglycerides**<sup>2</sup>
- **First and only** investigational treatment to **significantly reduce acute pancreatitis** events in **people with sHTG**<sup>2</sup>



**Simplicity** of **monthly self-administration** with a patient-friendly **autoinjector**



- **First mover** advantage
- Full field team **deployed**
- **Granted Priority Review**; PDUFA June 30, 2026

## Annual Peak Product Revenue Opportunity<sup>3</sup>

Increased to  
**>\$3B**

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(Previous: >\$2B)

# Zilganersen: Preparations on Track for First Independent Neurology Launch<sup>1</sup>

## Zilganersen for the Treatment of Alexander Disease

**First and only investigational medicine to demonstrate clinically meaningful disease-modifying impact**

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Prevalence: ~1 in 1-3 million; accounts for ~2-8% of leukodystrophies, although likely underreported<sup>2</sup>

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U.S. and EU Orphan designation; U.S. Fast Track designation

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**Granted Priority Review; PDUFA September 22, 2026**



Grayson  
living with Alexander disease

1. Based on current timing assumptions, subject to change. 2. Yoshida T, Sasaki M, Yoshida M, et al. Nationwide survey of Alexander disease in Japan and proposed new guidelines for diagnosis. *J Neurol.* 2011;258(11):1998-2008. *Med Genet.* 2016;59:315-319.

# Delivering a Steady Cadence of New Medicines<sup>1,2</sup>

4 Independent launches in 2025-2026

5 Partner launches by end of 2027



Launch Timing

Today

2028

1. Assuming approval. 2. Based on current timing assumptions, subject to change.



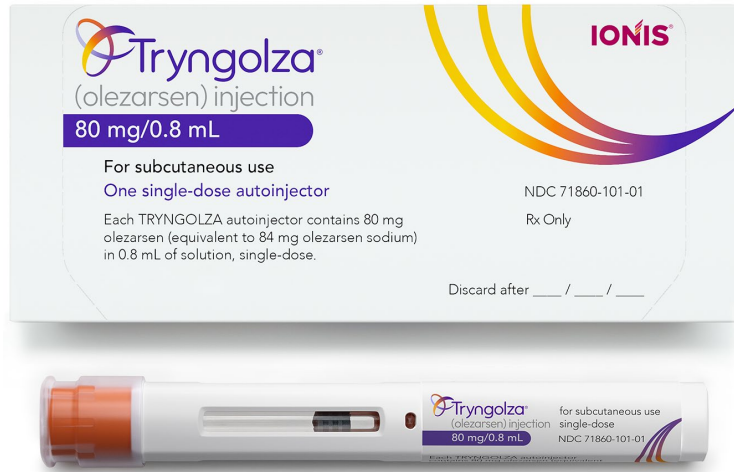
# Building on our Commercial Success

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Kyle Jenne

Chief Global Product Strategy Officer

# Focused Commercial Execution Building Sustainable TRYNGOLZA Demand<sup>1</sup>



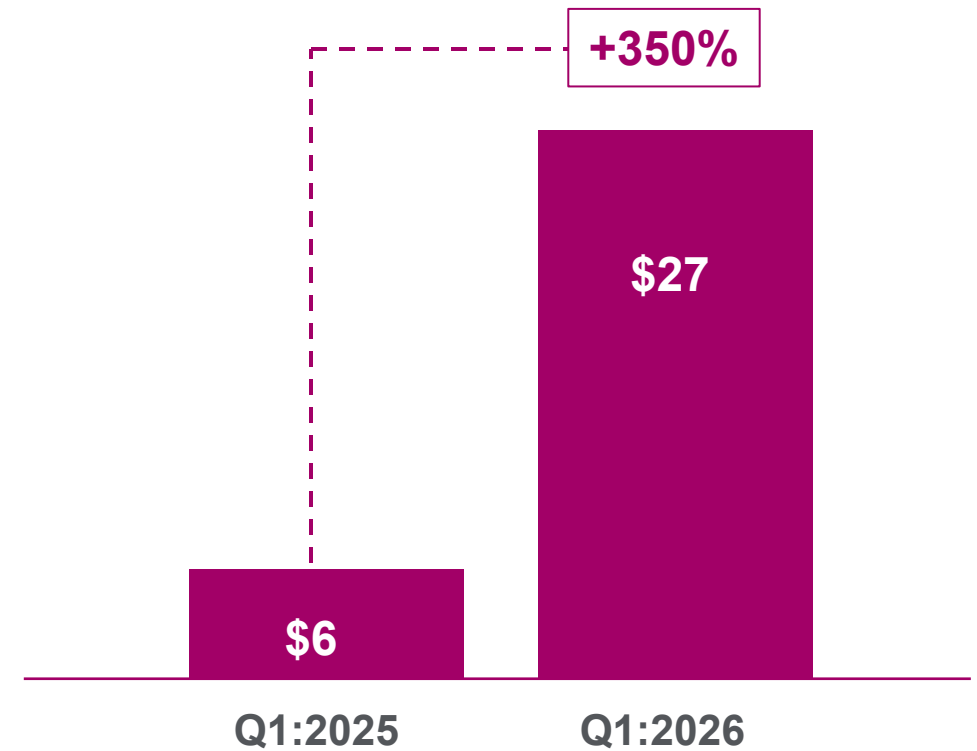
## Robust efficacy and safety

- Significant and sustained triglyceride reductions
- Substantial reduction in acute pancreatitis events

## Convenience of once-monthly self-administration with an autoinjector

## EU launch underway<sup>2</sup>

Generated \$27 million in Q1:2026



TRYNGOLZA, U.S. Product Sales, net (millions)

1. TRYNGOLZA is approved in the U.S. for Familial Chylomicronemia Syndrome in adults as an adjunct to diet; see [Full Prescribing Information](#). 2. Approved in the EU as an adjunct to diet in adult patients for the treatment of genetically confirmed familial chylomicronemia syndrome (FCS).

# Strong Commercial Execution and Compelling Product Profile Driving Increasing TRYNGOLZA Demand<sup>1,2</sup>



## Strong Uptake

Effective patient identification efforts; strong patient growth

No meaningful impact on cancellations or discontinuation rates following new market entrant

Breadth and depth of unique physicians prescribing TRYNGOLZA growing



## Robust Physician Engagement

Targeting ~20k physicians with expanded field team

Leveraging omnichannel capabilities to reach >30k HCPs

TRYNGOLZA awareness gaining traction

High satisfaction with prescribing experience and overall TRYNGOLZA profile



## Broad Patient Access

Broad FCS access and coverage

Effectively managed evolving pricing dynamics in Q1

Coverage split: ~60% commercial, ~40% government

>90% of patients had \$0 out-of-pocket costs in commercial setting

# Olezarsen in sHTG: Launch Readiness and a Larger Opportunity



## Groundbreaking Pivotal sHTG Results<sup>1</sup>

Highly statistically significant and clinically meaningful reductions in fasting triglycerides

First and only investigational treatment to significantly reduce acute pancreatitis events in people with sHTG



## Robust HCP Demand

Strong enthusiasm for olezarsen and its potential to address the unmet needs of people with sHTG



## Payer Engagement

Educating on clinical and economic burden of disease and associated budget impact

Maximizing value with broad access

Updated WAC price effective April 1, 2026

# DAWNZERA Launch Gaining Significant Momentum<sup>1</sup>

Delivering on What HAE Patients Need Most

First and Only RNA-Targeted Treatment to Prevent HAE Attacks



*Indicated for prophylaxis to prevent attacks of HAE in adult and pediatric patients ≥12 years old*

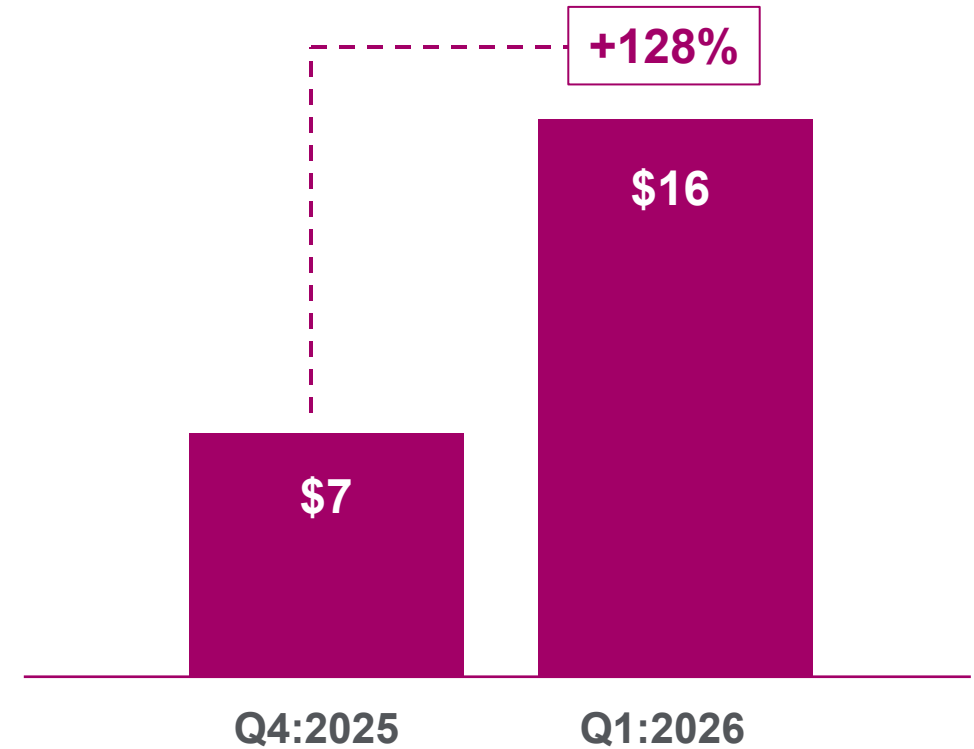
Prescriptions written for all patient segments:

- Switches from other long-term prophylactic treatments
- Previously on-demand treatment only
- Treatment naïve

Growing number of repeat prescribers

Approved in U.S. and EU<sup>2</sup>

Generated \$16 million in Q1:2026



DAWNZERA, U.S. Product Sales, net (millions)

1. DAWNZERA is approved in the U.S. for hereditary angioedema in adults and pediatric patients 12 years of age and older; see [Full Prescribing Information](#). 2. Otsuka is responsible for commercializing DAWNZERA in the EU.

# Zilganersen: Ionis' First Anticipated Neurology Launch<sup>1,2</sup>

## Granted Priority Review

### Substantial Unmet Need

**Alexander disease** is a **rare, progressive** and **often fatal** neurological condition

**No approved disease-modifying treatments**

### Groundbreaking Phase 3 Data

**First time** an investigational **medicine** has shown a **positive disease-modifying impact in Alexander disease**

Demonstrated **statistically significant** and **clinically meaningful stabilization** on the **primary endpoint**

### Well-Established Patient Community

**Strong partnership** with the Alexander disease **patient community**

### Strategy to Reach Patients

**Evaluation** and **diagnosis**

**Treatment management**

**Access** and **adherence**

# Innovative Commercial Organization with Proven Ability to Bring Medicines to People with Serious Diseases



**Top-Tier Team**



**Demonstrated  
Strong Initial  
Launch Execution**



**Scaling Capabilities  
for Upcoming  
Launches**



# Q1:2026 Financial Performance and 2026 Financial Guidance

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Beth Hougen

Chief Financial Officer

# Q1:2026 Financial Highlights<sup>1</sup>

**Revenues**  
**\$246M**

## **Commercial Revenue: \$108M**

- \$27M in TRYNGOLZA product sales
- \$16M in DAWNZERA product sales
- Total commercial revenues increased ~42% YoY

## **R&D Revenue: \$138M**

- Includes approximately \$95M of milestone payments from multiple partnerships

**Operating Expenses<sup>2</sup>**  
**\$321M**

## **R&D Expenses<sup>2</sup>: \$185M**

- Large majority funding late-stage programs

## **SG&A Expenses<sup>2</sup>: \$133M**

- YoY increase fueling ongoing and planned launches

**Operating Loss<sup>2</sup>**  
**(\$75M)**

- Reflects strong revenue generation from multiple sources and disciplined expense management

**Cash & Short-term Investments**  
**\$1.9B**

- The change in cash and short-term investments from year-end 2025 was primarily related to the \$633 million the Company used for the maturity of the 0% convertible notes due on April 1, 2026

# Improved 2026 Financial Guidance Reflects Growing Contribution from Ionis Launches<sup>1-3</sup>

**Revenue**  
**\$875-\$900M**  
*>30% vs 2025<sup>3</sup>*  
*Previous: \$800-825M*

**Increase of \$75M**  
**versus prior guidance**

**TRYNGOLZA net product sales**  
**\$100-110M**

**DAWZERA net product sales**  
**\$110-120M**

**Operating Loss**  
**\$425-475M<sup>4</sup>**  
*Similar to 2025<sup>3</sup>*  
*Previous: \$500-550M*

**Improved by \$75M**  
**versus prior guidance**

**Investing in multiple launches,**  
**including broad sHTG**  
**indication**

**Improved operating leverage**

**Cash**  
**>\$1.6B**  
*No Change*

**Supports investments for launches,**  
**pipeline and technology**

**On track to achieve**  
**2028 cashflow breakeven**

1. Based on current assumptions, subject to change. 2. Assumes priority and approval in late June 2026. 3. Excluding the \$280 million license fee for sapablursen in 2025. 4. Non-GAAP – please see reconciliation to GAAP in Q1:2026 press release.



# Conclusion

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Brett Monia, Ph.D.  
Chief Executive Officer

# 2026 Key Value-Driving Events<sup>1</sup>

## Clinical Events

### Phase 3

✓ **Bepirovirsen**  
B-Well data  
(CHB)

**Pelacarsen**  
Lp(a) HORIZON data  
(Lp(a)-CVD)

**Eplontersen**  
CARDIO-TTRansform data  
(ATTR-CM)

**Ulefnersen**  
FUSION data  
(FUS-ALS)

**Sefaxersen**  
IMAGINATION data  
(IgAN)

**Sapablursen**  
Phase 3 initiation  
(PV)

**ION582**  
Enrollment completion  
(Angelman syndrome)

**Salanersen**  
Phase 3 initiation  
(SMA)

### Phase 2

**IONIS-MAPT<sub>Rx</sub>**  
CELIA data  
(Alzheimer's disease)

**Tominersen**  
GENERATION HD2 data  
(Huntington's disease)

✓ **Tonlamarsen**  
Phase 2 data  
(Uncontrolled hypertension)

## Regulatory Actions

**Donidalorsen**  
✓ EU approval  
(HAE)

**Olezarsen**  
U.S. approval  
✓ EU submission  
(sHTG)

✓ **Zilganersen**  
U.S. submission  
U.S. approval  
(AxD)

### High Dose Nusinersen

✓ U.S. approval  
✓ EU approval  
(SMA)

**Bepirovirsen**  
✓ Submission  
Approval  
(CHB)

**Pelacarsen**  
U.S. submission  
(Lp(a)-CVD)

**Eplontersen**  
U.S. submission  
(ATTR-CM)

## Product Launches

✓ **DAWNZERA**  
EU  
(HAE)

**Olezarsen**  
U.S.  
(sHTG)

**Zilganersen**  
U.S.  
(Alexander disease)

**Bepirovirsen**  
U.S. & Japan  
(CHB)

1. Timing expectations are based on current assumptions and are subject to change, timing of partnered program catalysts based on partners' most recent publicly available disclosures. Green checkmark indicates event was achieved.

# Breakthrough Therapies Driving Accelerating Growth





# Q&A

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