

Intellia Therapeutics' Legal Disclaimer

This presentation contains "forward-looking statements" of Intellia Therapeutics, Inc. ("Intellia", "we" or "our") within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, express or implied statements about Intellia's beliefs and expectations regarding; our ability to successfully develop and commercialize nexiguran ziclumeran ("nex-z"), formerly known as NTLA-2001, for the treatment of transthyretin ("ATTR") amyloidosis and NTLA-2002 for the treatment of hereditary angioedema ("HAE") to address the significant unmet needs of patients and prescribers in HAE and ATTR amyloidosis; our ability to achieve near-term clinical milestones, including dosing the first patient in the Phase 3 HAELO trial for NTLA-2002 in the first quarter of 2025, completing enrollment in the Phase 3 HAELO trial in the second half of 2025, dosing the first patient in the Phase 3 MAGNITUDE-2 trial for hereditary ATTR amyloidosis with polyneuropathy ("ATTRv-PN") in the first quarter of 2025 and completing enrollment in 2026, enrolling at least 550 patients across the Phase 3 MAGNITUDE trial for ATTR amyloidosis with cardiomyopathy ("ATTR-CM") in 2025, substantially completing enrollment of the MAGNITUDE trial for ATTR amyloidosis with cardiomyopathy ("ATTR-CM") in 2025, substantially completing enrollment of the MAGNITUDE trial for ATTR-CM in 2026, and completing enrollment of the MAGNITUDE trial for ATTR-CM in 2027; the expected timing of data releases from our clinical trials of nex-z and NTLA-2002, including presenting longer-term data from the Phase 1/2 study of NTLA-2002, longer-term data from the Phase 1 study of nex-z in 2025, results from the HAELO trial for NTLA-2002 in 2026, and results from the MAGNITUDE-2 trial for ATTRv-PN in 2027; our ability to prepare for commercial launch, including having all commercial capabilities in place by end of 2026; our interactions with regulatory authorities, including the potential submission of a biologics license application for NTLA-2002 for the treatment of HAE in 2026; our ability to launch NTLA-2002 as our first commercial product in 2027; our ability to optimize the impact of our collaborations on our development programs, including our collaboration with Regeneron Pharmaceuticals, Inc. and their codevelopment program for ATTR amyloidosis, and to advance additional development candidates; our expectations regarding our uses of capital, expenses, and ability to fund operations through first commercial launch in the first half of 2027; and the potential commercial opportunities, including the value and market potential for our product candidates, including the potential of nex-z and NTLA-2002 to be single-dose treatments, the potential of nex-z to halt and reverse disease, result in lifelong, stable TTR reduction, be best TTR-directed drug, and represent a meaningful revenue opportunity starting in 2029, and the potential of NTLA-2002 to be a functional cure, eliminate significant treatment burden, eliminate HAE attacks and chronic prophylaxis, and represent a meaningful revenue opportunity starting in 2027.

Any forward-looking statements in this presentation are based on management's current expectations and beliefs of future events, and are subject to a number of risks and uncertainties that could cause actual results to differ materially and adversely from those set forth in or implied by such forward-looking statements. These risks and uncertainties include, but are not limited to: risks related to Intellia's ability to protect and maintain its intellectual property position; risks related to Intellia's nucertainties related to the ability of our licensors to protect and maintain their intellectual property position; uncertainties related to the authorization, initiation and conduct of preclinical and clinical studies and other development requirements for our product candidates, including uncertainties related to regulatory approvals to conduct clinical trials; risks related to the ability to develop and commercialize any one or more of Intellia's product candidates successfully; risks related to the results of preclinical studies or clinical studies not being predictive of future results in connection with future studies; the risk that clinical study results will not be positive; risks related to the development and advancement of novel platform capabilities, such as DNA writing technology and gene editing in tissues outside the liver; risks related to Intellia's future financial condition and our ability to fund our operations; risks related to Intellia's collaborations with Regeneron Pharmaceuticals, Inc. or our other collaborations not continuing or not being successful; and risks related to our Intellia's ability to recruit and retain a management team and other key personnel to execute its strategic plans, including completing pivotal clinical trials and commercial lauch of its product candidates, such as nex-z and NTLA-2002. For a discussion of these and other risks and uncertainties, and other important factors, any of which could cause Intellia's actual results to differ from those contained in the fo



Leveraging Gene Editing Technology to Develop Differentiated Medicines for Superior Patient Outcomes



Treat patients at the root cause of their disease



Reduce burden to the patient and healthcare system



Single dose treatment with potential lifelong benefit



Best-in-class outcomes for patients



A Decade-long Mission to Bring Novel Therapies to Patients

Bringing Innovative Solutions to Patients

3

actively enrolling Phase 3 studies







Deep Clinical Experience

Nearly 200

patient-years of experience

100+ patients

significant clinical experience and data presented to date

4+

years of follow-up in earliest dosed patients

Regulatory and Scientific Expertise

12+

health authority approvals for clinical studies

Multiple

regulatory designations



FDA ODD



EMA PRIME



4

New England Journal of Medicine publications



Two Late-stage Assets with Breakthrough Profiles and Blockbuster Potentials

THREE COMMERCIAL LAUNCHES EXPECTED STARTING IN 2027

	NTLA-2002	Nex-z*
Target Indication	Hereditary Angioedema (HAE)	Transthyretin amyloidosis (ATTR)
Unique Proposition	Potentially first to offer lifelong freedom from attacks and prophylaxis after a single dose	Potential to be the first to stabilize or reverse disease progression with a single dose
Program Status	Phase 3 initiated RMAT, ODD, PRIME BLA submission planned in 2026	Phase 3 enrolling RMAT & ODD designation PN BLA submission planned in 2028 CM enrollment completion by early 2027
Total Market	WW Prevalence ~150,000 ¹ Projected to reach global sales of \$5B ² by 2028	WW Prevalence 250,000 to 500,000 ³⁻⁶ Projected to reach global sales of \$12B ² by 2028

Data for 108 patients presented across programs; robust treatment effect continues at longest follow up through 2 years



^{*} Nex-z (nexiguran ziclumeran), formerly referred to as NTLA-2001.

^{1.} Zuraw et al 2008; 2. Evaluate Pharma Consensus Analyst forecasts October-December 2024; 3. Hawkins et al, 2015; 4. Maurer et al, 2019; 5. Nativi-Nicolau et al, 2021; 6. Gillmore et al, 2022 Abbreviations: **RMAT** – Regenerative Medicine Advanced Therapy; **ODD** - Orphan Drug Designation; **PRIME** – Priority Medicine; **BLA** – Biologics License Application; **WW** – worldwide; PN – Polyneuropathy; **CM** - Cardiomyopathy

Treatment is Designed for Patient and Provider-Friendly Experience*

DAY PRIOR

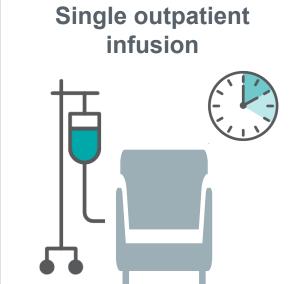
One orally-

administered pill

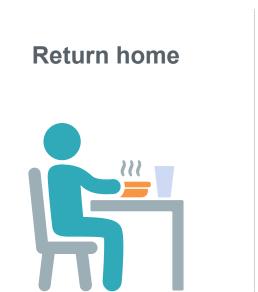
Two orallyadministered pills before infusion







DAY OF





Building on Recent Accomplishments

2024 Key Achievements



2025
Operational Excellence

Clinical data suggest nex-z may halt and potentially reverse disease progression for ATTR amyloidosis



Nex-z RMAT designation for ATTR PN

Initiated 3 pivotal Phase 3 studies











- Phase 3 HAELO results and first planned BLA submission in 2026
- Complete enrollment for MAGNITUDE-2 in ATTR-PN
- Substantially complete enrollment for MAGNITUDE in ATTR-CM
- Continue to build for commercial success



Accelerating Clinical Development

2024 Key Achievements



2025Operational Excellence

- Clinical data suggest nex-z may halt and potentially reverse disease progression for ATTR amyloidosis
- Phase 1/2 data indicate NTLA-2002 may be a functional HAE cure for most patients
- Nex-z RMAT designation for ATTR PN1
- Initiated 3 pivotal Phase 3 studies





Nex-z



- 2026
 Readying for
 Commercialization
 - Phase 3 HAELO results and first planned BLA submission in 2026
- Complete enrollment for MAGNITUDE-2 in ATTR-PN
- Substantially complete enrollment for MAGNITUDE in ATTR-CM
- Continue to build for



Preparing the Market for Launch

2024 Key Achievements



2025Operational Excellence

NTLA



- Phase 1/2 data indicate NTLA-2002 may be a functional HAE cure for most patients
- Nex-z RMAT designation for ATTR PN1
- Initiated 3 pivotal Phase 3 studies







2026 Readying for Commercialization

- Phase 3 HAELO results and first planned BLA submission in 2026
- Complete enrollment for MAGNITUDE-2 in ATTR-PN
- Substantially complete enrollment for MAGNITUDE in ATTR-CM
- Continue to build for commercial success



Maturing as a Fully-integrated, Commercial-stage Company

2024 Key Achievements



2025
Operational Excellence



2026
Readying for
Commercialization

- Phase 3 HAELO results and first planned BLA submission in 2026
- Complete enrollment for MAGNITUDE-2 in ATTR-PN
- Substantially complete enrollment for MAGNITUDE in ATTR-CM
- Continue to build for commercial success

- Clinical data suggest nex-z may halt and potentially reverse disease progression for ATTR amyloidosis
- Phase 1/2 data indicate NTLA-2002 may be a functional HAE cure for most patients
- Nex-z RMAT designation for ATTR PN¹
- Initiated 3 pivotal Phase 3 studies







Focused on Completing Clinical Programs and Capitalizing on Multi-billion Dollar Commercial Opportunities

Launch

NTLA-2002 for HAE as first commercial product

Report

MAGNITUDE-2

study results in ATTR-PN to support BLA submission

Complete

MAGNITUDE

enrollment in ATTR-CM

Delivering on 3 Phase 3 Studies by 2027



NTLA-2002

Hereditary Angioedema: Currently a Life-long Genetic Condition with Significant Burden



Rare, genetic and life-threatening disease

- Patients have unpredictable, recurrent, painful and potentially life-threatening swelling attacks.^{1,2}
- Symptoms often begin in the first decade of life and typically worsen in puberty.^{3,4}
- Attacks can be triggered by stress, trauma, infection, fatigue, and hormones.²
- Approximately 6K patients in the US.⁵

Despite available treatments, significant unmet need persists

- Many patients only achieve partial clinical control.^{6,7,8}
- Patients make lifestyle modifications to manage fear and anxiety.9
- Treatment burden negatively affects patients, especially those taking injectable medications.¹⁰
- Insurance delays and denials associated with maintaining access have significant impacts on individuals with HAE.¹¹



¹ Zuraw, NEJM (2008), ² Busse and Christiansen, NEJM (2020), ³ Norris et al., Allergy Asthma Proc. (2022),

⁴ Pancholy et al., Curr Opin. Pediatr. (2019), ⁵ Busse et al., JACI In Practice (2021), ⁶ Banerji et al., JAMA (2018)

⁷ Zuraw et al., Allergy Clin. Immunol. (2021), ⁸ Longhurst et al., NEJM (2017), ⁹ Bork et al., Allergy Asthma Clin. Immunol. (2021), ¹⁰ Radojicic et al., Allergy Asthma Proc. (2021), ¹¹ Arora et al., JACI In Practice (2023)

Intellia is Committed to Ending the Disease and Treatment Burden of HAE

HAE TREATMENT EVOLUTION CURE **SURVIVAL PREVENTION** Goal: **Life-long Freedom** Disease Attacks Treated with Attack Frequency Reduced **Burden: On-Demand Treatment** with Chronic Prophylaxis from Attacks **Life-long Freedom from Treatment** Dozens of Injections Multiple Injections / **Burden:** Annually Hundreds of Pills Annually **Chronic Therapy**

Patients report significant disease and treatment burden with available therapies¹

"I would love to not have to ever take another injection or another pill. It would be amazing"

"I am hesitant to switch jobs because I know these are expensive treatments and I may not always have access"

"Treatment has improved but I am still experiencing a high number of attacks"



NTLA-2002 Has the Potential to Be a Functional Cure for Patients With HAE

PHASE 1 & 2 RESULTS NTLA-2002

- Phase 2 data show the potential of a single 50mg dose to eliminate attacks and chronic prophylaxis^{1, 2}
 - All 11 patients had a reduction in attacks
 - All but 1 patient remained free from chronic prophylaxis
 - Most patients achieved complete elimination of attacks
 - Safety profile continued to be highly encouraging*
- Demonstrated durability through 2 years in phase 13

100% of patients had reduction in attacks

73%

of patients attack free and off chronic prophylaxis



^{*}Safety findings: Most common AEs (> 25%) were headache (36%), fatigue (27%), nasopharyngitis (27%), and infusion-related reaction (27%). All TEAEs were grade 1 and 2. 1 Cohn et al., NEJM (2024)

² Cohn et al., ACAAI (2024) https://www.intelliatx.com/wp-content/uploads/Intellia_NTLA-2002-Phase-2-Data-Investor-Presentation_10.24.24_vF.pdf 3 Longhurst, EAACI (2024) https://www.intelliatx.com/wp-content/uploads/EAACI-NTLA-2002-Phase-1-Update 2June24.pdf

NTLA-2002 has the Potential to Eliminate Attacks and Chronic Prophylaxis

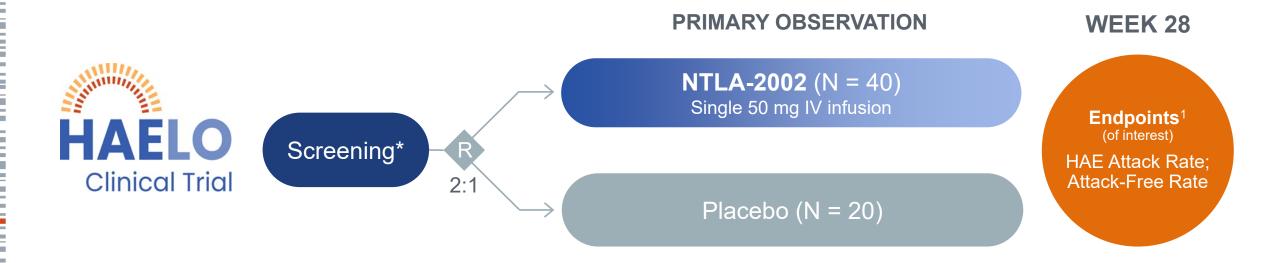
CROSS TRIAL COMPARISON*

PRODUCT	Study Phase	% of Patients Attack-Free*	% of Patients Attack-Free w/o chronic prophylaxis		DOSING REGIMEN
NTLA-2002 (investigational)	Phase 2 ¹	73% at 16 wks	73% at 16 wks	1x infusion / lifetime	
Donidalorsen (investigational)	Phase 3 ²	35-43% at 24 wks	0%	6–12 injections / year	
Garadacimab (investigational)	Phase 3 ³	62% at 26 wks	0%	12 injections / year	
TAKHZYRO* (lanadelumab-flyo) injection	Phase 3 ⁴	31-44% at 26 wks	0%	13–26 injections / year	
orladeyo™ (berotralstat) capsules 150 mg	Phase 3 ^{5,6}	No statistical difference	0%	Daily oral tablets	00000000000000000000000000000000000000
HAEGARDA° C1 Esterase Inhibitor Subcutaneous (Human)	Phase 3 ⁷	Not measured	0%	104 injections / year	

For illustrative purposes only.



A Phase 3, Randomized, Double-blind, Placebo-Controlled Study of NTLA-2002 in Patients with HAE



NTLA-2002 Upcoming 2025 Milestones

- O Dose first patient in pivotal Phase 3 HAELO trial for HAE in 1Q25
- Complete enrollment in the HAELO study
- O Present longer-term data from the Phase 1/2 study



^{*} Patients on long-term prophylaxis are required to wash out of therapy prior to the run-in period of screening.



week 28 data expected to support BLA filing in 2026. Optional Blinded Crossover @ week 28. Patients will be observed in extended follow-up.

Uniquely Positioned for Product Leadership in a Growing HAE Market

NTLA-2002 demonstrated unprecedented efficacy with a single dose

HAE MARKET OPPORTUNITY

Global market projected to reach ~5B dollars by 2028¹

3.5
3.0
2024
2026
2028

Physicians seeking simpler, more effective solutions and easier access to therapy for patients²

"I have to **go through the paperwork every year** with these patients and every time they change insurances...We actually have a whole section in our clinic with **staff dedicated to getting these medicines approved**. That's how much of a burden it is."

U.S. HAE HCP

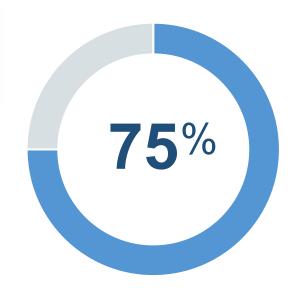
"If you're telling me that there's a medicine that doesn't require repeat dosing, that's like nothing else we have available."

U.S. HAE HCP

"What it's offering very simply is the potential for having a onetime therapy that over time, if all goes well, allows patients to not require any more treatment and potentially not even any more disease management..."

U.S. HAE HCP

HCPs willing to offer NTLA-2002 to all patients regardless of severity in the first 3 years³



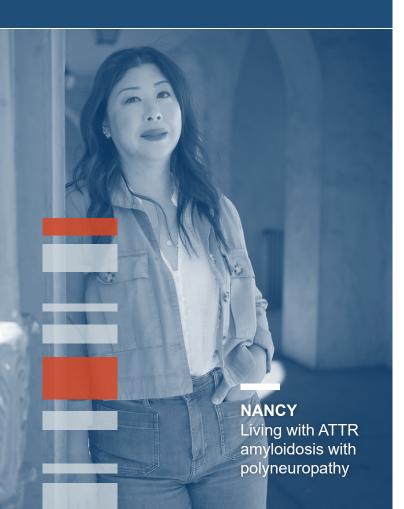
NTLA-2002 represents a meaningful revenue opportunity starting in 2027



Nex-z

Nex-z (nexiguran ziclumeran) formerly referred to as NTLA-2001

Transthyretin Amyloidosis (ATTR): Large and Growing Market with Significant Unmet Need



Severe, fatal, progressive disease with a shortened life expectancy

- CM patients have debilitating shortness of breath, arrythmias,
 reduced mobility and quality of life, as well as a high rate of hospitalization
- Wild-type disease, the most common form, occurs with aging, and manifests as heart failure; inherited TTR mutations lead to rapidly progressive heart failure and/or polyneuropathy
- 20K incident US CM patients; increasing rates due to an aging population and improved disease awareness
- PN presents as motor and sensory dysfunction, muscle wasting, weight loss, as well as autonomic neuropathy with severe GI symptoms

Despite available treatments, significant unmet need persists

- Inconsistent and slow TTR lowering response observed with silencers¹
- In phase 3 studies of silencer or stabilizer therapies for CM, the annual rate of CV events or death is high at ~15% of enrolled patients in the first year^{1,2}
- Even on existing therapies, CM patients have a marked decline in quality of life, and functional capacity as measured by 6MWT^{1,2}
- Treatment adherence due to frequent administration/polypharmacy remains an issue



Intellia is Committed to Developing the Best Treatment for ATTR Amyloidosis

ATTR TREATMENT EVOLUTION DISEASE STASIS DISEASE SLOWING PALLIATION Goal: **OR REVERSAL Life-long Reduction** Disease **Progressive Disease Treated** Therapies Slow but Do Not **Burden:** with Palliative Therapy Stop or Reverse Progression in Disease Burden Multiple Injections / **Treatment Life-long Freedom from** Ineffective Hundreds of Pills Annually **Burden: Chronic Therapy** with Inconsistent Response

What US HCPs and Patients have to say about current therapies in ATTR¹

"Even with tafamidis, progression is a question of when, not if."

- US Amyloidosis KOL

"Traveling for regular infusions is time away from my family, but I just couldn't bring myself to do injections at home."

- ATTR Patient

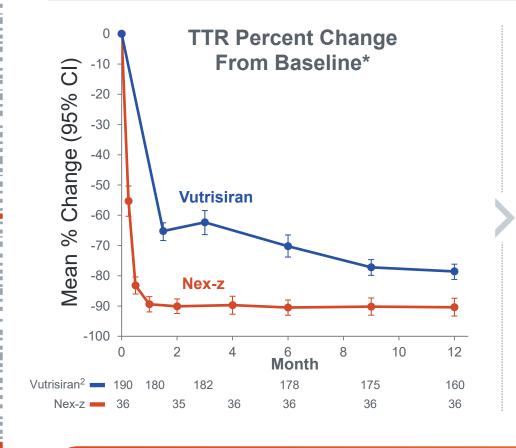
"Every year, there is a fight because insurance tries to deny my lifesaving medication."

- ATTR Patient



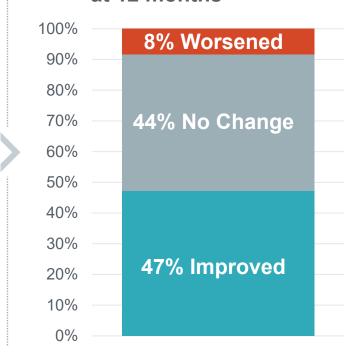
Nex-z Phase 1 Results for ATTR-CM Show Potential to be Best TTR-Directed Drug

PHASE 1 RESULTS NEX-Z1



- Deep, rapid, consistent and durable reductions in serum TTR
- Stability or improvement of disease markers in a population with advanced disease which is expected to progress rapidly
- 66% of patients had no worsening in any marker (NT-proBNP,Troponin, 6MWT) at 12 months
- Encouraging safety and tolerability¹
- Updated Dec. 2024: Low rate of hospitalization for cardiac disease, (genotype-weighted) 0.11 events/pt/yr, is favorable based on reference studies³ with higher rates

Change in NYHA Class at 12 months



Phase 3 MAGNITUDE (CM) and MAGNITUDE 2 (PN) global studies are actively recruiting patients



Phase 3 Studies in Patients with ATTR-CM and ATTR-PN





Nex-z (Single 55 mg IV infusion) + SOC*

Placebo + SOC*



765

2:1

Primary Endpoint

 CV-related mortality and CV-related events

Key Secondary Endpoints

TTR and KCCQ-OS score



50

1:1

Primary Endpoints

mNIS+7 and serum TTR

Key Secondary Endpoints

 Norfolk QOL-DN, mBMI and TTR

Nex-z Upcoming 2025 Milestones

- O Dose first patient in pivotal Phase 3 MAGNITUDE-2 trial for PN in 1Q25
- O Enroll >550 CM patients cumulatively in MAGNITUDE trial
- O Present longer-term data from the Phase 1 study in CM and PN

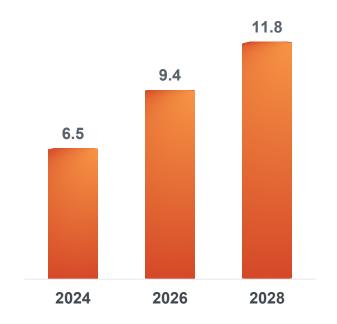




Positioned to Meet Patient and Provider Needs in a Large and Growing ATTR Market

ATTR MARKET OPPORTUNITY

Global market projected to reach ~12B dollars by 2028¹



Patients want a **highly effective** therapy and freedom from chronic treatment²

"It would be incredible to have a **one-time therapy**. This would get rid of the mental energy and anxiety I get from going to infusion centers."

U.S. ATTR-PN Patient

"My number one wish would be a cure" U.S. ATTR-CM Patient "This treatment could help me get my life back. I would feel more comfortable going back to work knowing there is a permanent treatment."

UK ATTR-CM Patient

High willingness of cardiologists to prescribe nex-z across US and other major developed markets³



Nex-z represents significant revenue opportunities starting by 2029





Broad Development Pipeline Fueled by Robust Research Engine

PROGRAM	APPROACH	Research and Preclinical	Early-Stage Clinical	Late-Stage Clinical	PARTNERS				
In Vivo: CRISPR is the therapy									
NTLA-2002: Hereditary Angioedema	Knockout				Intelia THERAPEUTICS				
Nex-z*: Transthyretin Amyloidosis	Knockout				Intelia REGENERON THERAPEUTICS				
Hemophilia A / B***	Insertion				Intelia REGENERON LEAD				
Research Programs for Extra-hepatic Targets	Various				Intelia** THERAPEUTICS REGENERON SPARINGVISION				
Ex Vivo: CRISPR creates the therapy									
Research Programs	Allogeneic and other				Intelia** THERAPEUTICS kyverna. CON THERAPEUTICS				



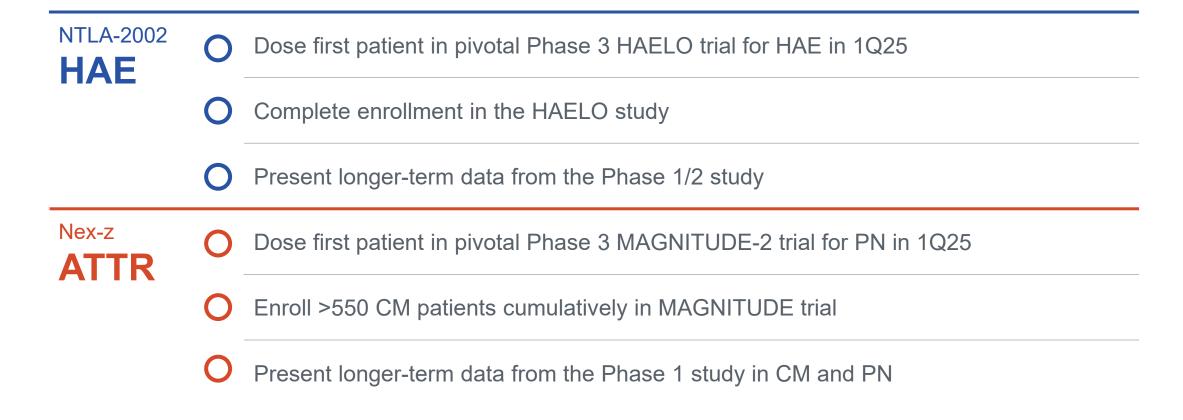
Lead refers to lead development and commercial party.

^{*} Nex-z (nexiguran ziclumeran), formerly referred to as NTLA-2001

^{**} Intellia is advancing both wholly owned and partnered programs.

^{***} Hemophilia A program is in the research stage; Hemophilia B is being advanced by Regeneron – Intellia is eligible for milestones and royalties.

Upcoming 2025 Key Milestones for NTLA-2002 and Nex-z



Sufficient Cash to Fund Operations through First Commercial Launch (1H 2027)



Intellia is Well-positioned for Near-term Value Creation

COMPANY OUTLOOK

3

Phase 3 programs actively recruiting

Management team's **prior track record** in development
and commercialization of **best-in-class** medicines,
including one-time therapies

2

Potential blockbusters: NTLA-2002 and nex-z

Feedback from market research confirms strong receptivity and willingness to prescribe/use NTLA-2002 and nex-z emerging product profiles

1

Focus to successfully launch NTLA-2002 in 2027

Commercial and medical affairs teams' prior track record of launching multiple blockbusters, including in HAE and heart failure

Planning to have all commercial capabilities in place by end of 2026





Developing Best in Class Therapies by Realizing the Promise of Gene Editing

At Intellia, we innovate every day to make CRISPR-based medicines a reality for patients.

This is just the beginning of a revolution.



