UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 OR 15(d)
of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 6, 2023

CLENE INC.
(Exact name of registrant as specified in its charter)

Delaware	**001-39834**	**85-2828339**
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(IRS Employer Identification No.)

6550 South Millrock Drive, Suite G50 **Salt Lake City, Utah** (Address of Principal Executive Offices)	**84121** (Zip Code)

(801) 676-9695
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, $0.0001 par value	CLNN	The Nasdaq Capital Market
Warrants, to acquire one-half of one share of Common Stock for $11.50 per share	CLNNW	The Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure.

On March 6, 2023, Clene Inc. (the "Company") released an updated corporate presentation (the "Corporate Presentation") on its website, invest.clene.com. A copy of the Corporate Presentation is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. The Company plans to use its website to disseminate future updates to the Corporate Presentation and may not file or furnish a Current Report on Form 8-K alerting investors if the Corporate Presentation is updated.

The information furnished in this Item 7.01, including Exhibit 99.1, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act"), as amended, or otherwise subject to the liabilities of that section, and shall not be deemed to be incorporated by reference into any filing made by the Company under the Exchange Act or the Securities Act of 1933, as amended, regardless of any general incorporation language in any such filings, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit Number	Exhibit Description
99.1	Corporate Presentation.
104	Cover Page Interactive Data File (formatted as Inline XBRL).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

CLENE INC.

Date: March 6, 2023

By: /s/ Robert Etherington
Robert Etherington
President and Chief Executive Officer

Exhibit 99.1

Forward Looking Statements

This presentation contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, which are intended to be covered by the "safe harbor" provisions created by those laws. Clene's forward-looking statements include, but are not limited to, statements regarding our or our management team's expectations, hopes, beliefs, intentions or strategies regarding our future operations. In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. The words "anticipate," "believe," "contemplate," "continue," "estimate," "expect," "intends," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "will," "would," and similar expressions may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking. These forward-looking statements represent our views as of the date of this presentation and involve a number of judgments, risks and uncertainties. We anticipate that subsequent events and developments will cause our views to change. We undertake no obligation to update forward-looking statements to reflect events or circumstances after the date they were made, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws. Accordingly, forward-looking statements should not be relied upon as representing our views as of any subsequent date. As a result of a number of known and unknown risks and uncertainties, our actual results or performance may be materially different from those expressed or implied by these forward-looking statements. Some factors that could cause actual results to differ include our substantial dependence on the successful commercialization of our drug candidates, if approved, in the future; our inability to maintain the listing of our common stock on Nasdaq; our significant net losses and net operating cash outflows; our ability to demonstrate the efficacy and safety of our drug candidates; the clinical results for our drug candidates, which may not support further development or marketing approval; actions of regulatory agencies, which may affect the initiation, timing and progress of clinical trials and marketing approval; our ability to achieve commercial success for our drug candidates, if approved; our ability to obtain and maintain protection of intellectual property for our technology and drugs; our reliance on third parties to conduct drug development, manufacturing and other services; our limited operating history and our ability to obtain additional funding for operations and to complete the licensing or development and commercialization of our drug candidates; the impact of the COVID-19 pandemic on our clinical development, commercial and other operations; changes in applicable laws or regulations; the effects of inflation; the effects of staffing and materials shortages; the possibility that we may be adversely affected by other economic, business, and/or competitive factors; and other risks and uncertainties set forth in "Risk Factors" in our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q. In addition, statements that "we believe" and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this presentation, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and you are cautioned not to rely unduly upon these statements. All information in this presentation is as of the date of this presentation. The information contained in any website referenced herein is not, and shall not be deemed to be, part of or incorporated into this presentation.

Building the Clinical Case for Neuroprotection & Remyelination

RepairPD
RepairMS

RESCUEALS

HEALEY ALS Platform Trial

VISIONARY-MS STUDY

Established brain target engagement in early PD and stable relapsing MS patients

CNM-Au8 demonstrated statistically significant survival benefit of 60% decreased risk of death through 120 wks

CNM-Au8 demonstrated a >90% reduction in risk of death or permanently assisted ventilation for the 30 mg dose at 24 weeks

CNM-Au8 demonstrated global neurological improvement in stable relapsing MS **as an adjunct** to immunomodulatory DMTs

Growing Body of Clinical Evidence Across ALS and MS Supports CNM-Au8 Therapeutic Potential to Treat Neurodegenerative Diseases

Proprietary Nanotherapeutic Manufacturing
Strong IP: 150+ granted patents PLUS Trade Secrets

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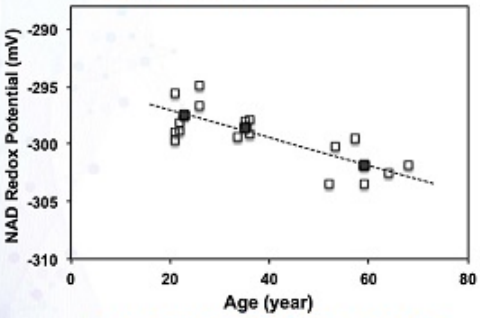
Neurodegenerative Diseases Share A Common Mechanism: A Decline In The Brain's Ability To Produce Energy

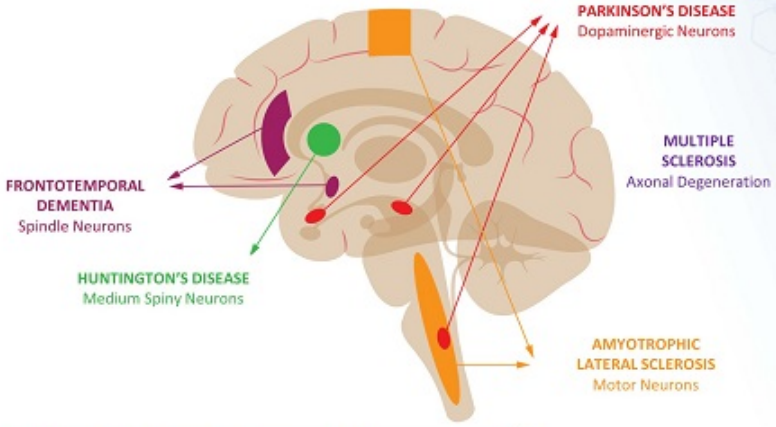
Brain Energy Potential Declines With Normal Aging



~0.5% NAD⁺/NADH unit decline per decade
(~0.13 mV units per year by ^{31}P-MRS Imaging)

Closed squares = averaged data by age group: 21–26 yrs, 33–36 yrs, and 59–68 yrs old;
Open squares = individual subject values

Specific Neuronal Populations Are Vulnerable to Energetic Failure



Energetic impairments in the CNS both pre-dispose and drive progression in neurodegenerative diseases

Fu, H., et al; Nature Neuroscience (2018) 21:1350-1358. Zhu et al. Proc Natl Acad Sci USA 2015 Mar 3;112(9):2876-81. Rone et al. J Neurosci. 2016 Apr 27;36(17):4698-707.

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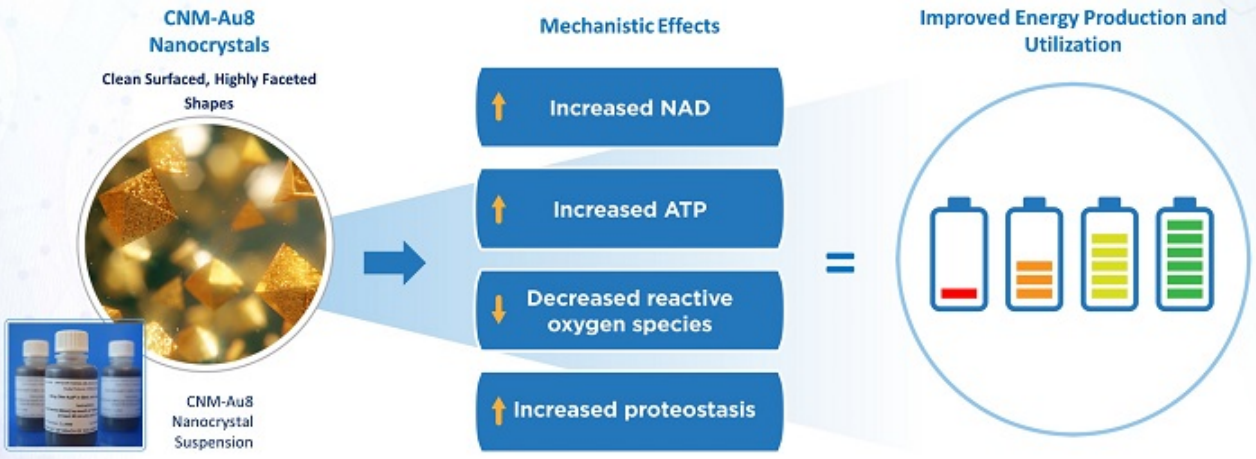
CNM-Au8® | Pioneering A New Drug Class To Improve Cellular Energy Production And Utilization



By targeting energy metabolism, CNM-Au8 may protect neuronal health

Robinson et al. Sci Rep. 2020 Feb 11;10(1):1936. Data on file, Clene Nanomedicine, Inc.

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Significant Global Opportunity for Treatment in Combination with Standard of Care

Motor Neuron Disease (ALS, Other Orphan Disorders)

ALS PATIENTS IN US & EU ~40K[1] $1B GLOBAL SALES BY 2029[1]

Current drugs are largely ineffective, mostly generic.

2-5 YEARS[2] LIFE EXPECTANCY 100% FATAL

Multiple Sclerosis (MS)

MS PATIENTS GLOBALLY 2.2M $23B MARKET[3]

Existing treatments only target immunomodulation

EMERGING EVIDENCE THAT EARLY MS IS NEURODEGENERATIVE

Parkinson's Disease (PD)

2ND MOST COMMON DISORDER $6B PROJECTED BY 2026[4]

No disease-modifying treatments available, only symptom-targeted options

30% OF DOPAMINERGIC NEURONS ARE LOST AT DIAGNOSIS[5]

Urgent unmet need to develop neuroprotective treatment to support cells' energetic efficiency and resilience

1 Clarivate, DRG; ALS 2020 2. https://pubmed.ncbi.nlm.nih.gov/17974351/ 3. Weiland et al. 2017, doi:10.3338/hnd.2017.107; 4. Parkinson's Market Data Forecast, April 2021.. 5. Cheng HC, Ulane CM, Burke RE. Clinical progression in Parkinson disease and the neurobiology of axons. Ann Neurol 2010;67:715-725.

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Two REPAIR Trials Demonstrated Target Brain Engagement and Improved Energy Metabolism in Early Parkinson's and Stable Relapsing MS

Study Objective: to demonstrate target engagement for CNM-Au8 on CNS biomarkers related to energetic effects in the brain using Magnetic Resonance Spectroscopy (^{31}P-MRS)

RepairPD
Early Parkinson's Disease

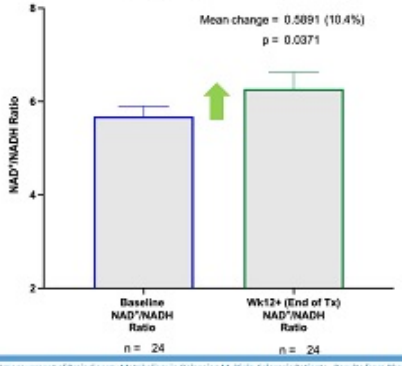
RepairMS
Stable Relapsing MS

RepairMS
Non-Active Progressive MS
(Ongoing)

Results demonstrated a potentially meaningful 10% improvement in NAD+/NADH ratio, an essential molecule for energy production[1]

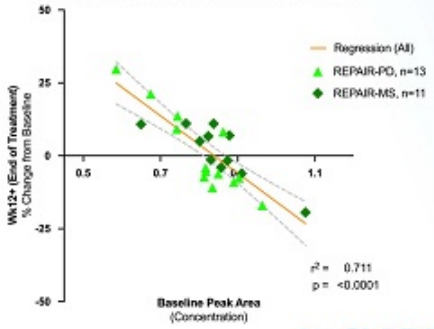
1° Endpoint (integrated PD & MS)[2]

^{31}P-MRS Change in Brain NAD$^+$/NADH Ratio at End of Treatment
Partial Volume Coil; Ratio of NAD$^+$/NADH (% Fraction of NAD$^+$) % Fraction NADH)
Primary Endpoint, Mean ± SEM (Paired t-test)



Exploratory
(ATP Normalization)

REPAIR Integrated Analysis
^{31}P-MRS Change in β-ATP at End of Treatment
Full Volume Coil ^{31}P Signal Area (Integral)
Exploratory Endpoint, Percent (%) Change vs. Baseline Value



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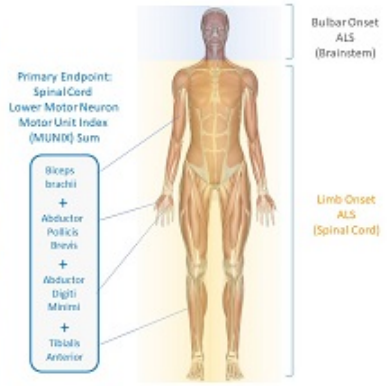
[1] Zhu et al. Proc Natl Acad Sci USA 2015 Mar 3;112(9):2876-81.. 2. Glanzman et al Improvement of Brain Energy Metabolism in Relapsing Multiple Sclerosis Patients - Results from Phase 2 REPAIR-MS Clinical Trial With CNM-Au8, ACTRIMS February 2022

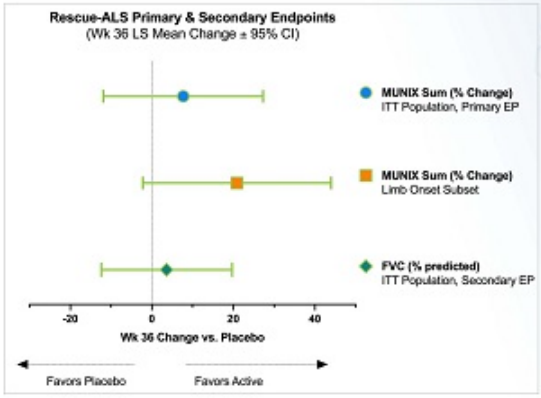
RESCUEALS Encouraging Efficacy Signals in Phase 2 Trial

Study Objective: Detect preservation of motor neuron function in people with early ALS as measured by MUNIX

Study Design:
36-week blinded treatment with ongoing long-term open-label follow-up



1° & 2° Endpoints



Results favor CNM-Au8 treatment

Vucic et al. RESCUE-ALS Trial Results: A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study of CNM-Au8 to Slow Disease Progression in Amyotrophic Lateral Sclerosis. Presented at International Symposium on ALS/MND; 7-10 December 2021.

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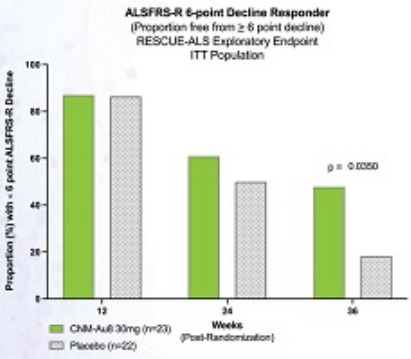
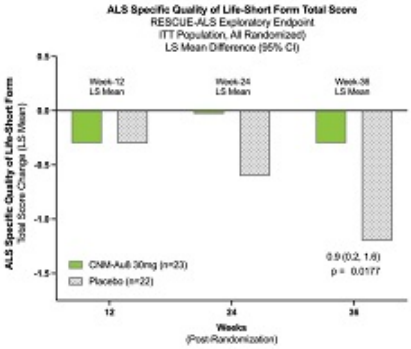
CNM-Au8 Improved Patient Function, QOL, and Slowed Time to ALS Clinical Worsening

Phase 2 Study: 36-Week Placebo-Control Treatment Period 1:1 Randomization (Active 30 mg: Placebo); N=45 enrolled with early ALS

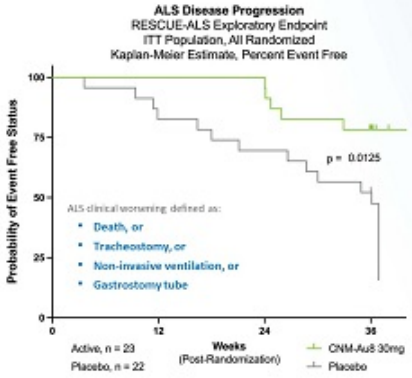
Proportion with <6 point decline



ALS Specific QOL



ALS Clinical Worsening

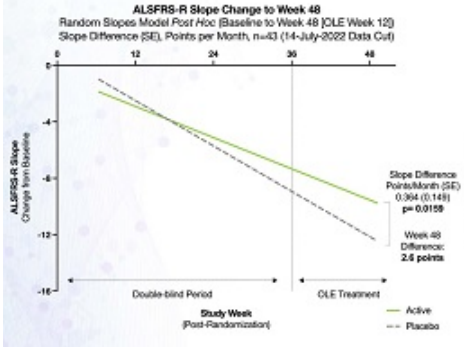


Vucic et al. RESCUE-ALS Trial Results: A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study of CNM-Au8 to Slow Disease Progression in Amyotrophic Lateral Sclerosis, Presented at International Symposium on ALS/MND, 7-10 December 2021

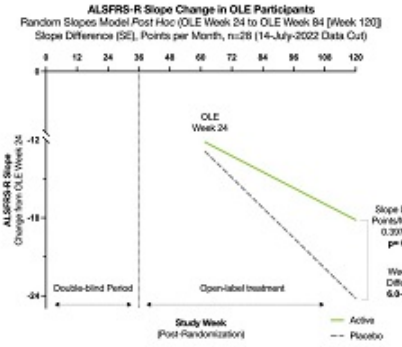
RESCUEALS OLE | Preserved ALSFRS-R Functional Decline

Early CNM-Au8 Treatment Impacts Long-Term Function Compared to Original Placebo

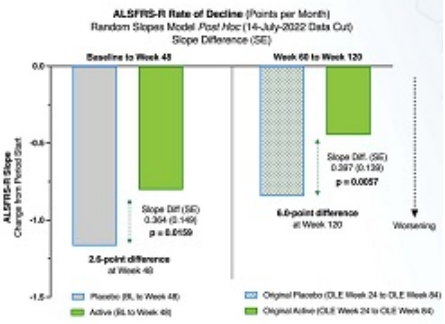
ALSFRS-R Slope Baseline to Week 48



ALSFRS-R Slope Week 60 [OLE Week 24] to Week 120



ALSFRS-R Slope Summary



- CNM-Au8 preserved functional decline: ALSFRS-R of 2.6 points at 48 weeks compared to placebo
- Early CNM-Au8 treatment preserved long-term ALSFRS-R score by 6.0 points vs. OLE original placebo

OLE 12-month LPLV data cut of July 14, 2022.

Data on File, Clene Nanomedicine, Inc.

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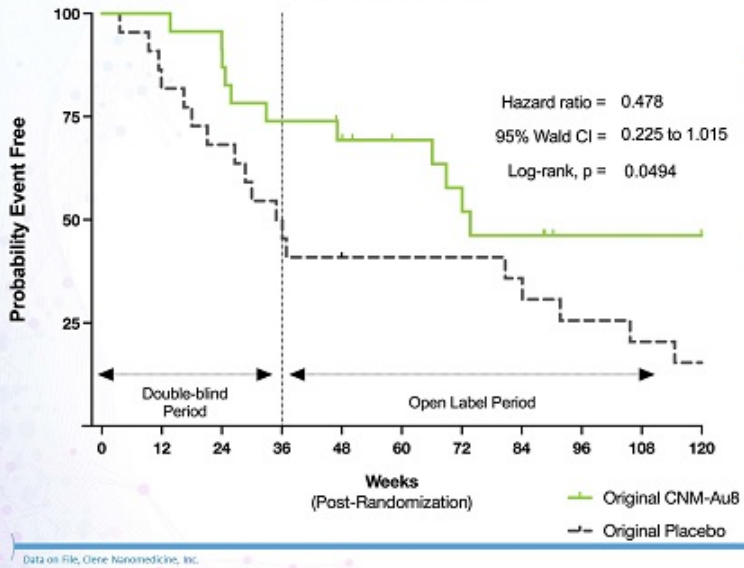
RESCUEALS OLE | Decreased ALS Time to Clinical Worsening

Rescue-ALS OLE Disease Progression Events
Proportion Event Free by Study Visit (14-July-2022 Data Cut)
Kaplan-Meier Analyses



The risk of ALS clinical worsening was decreased ~50% for CNM-Au8 compared to placebo in OLE up-to-120 weeks

Clinical worsening events included:

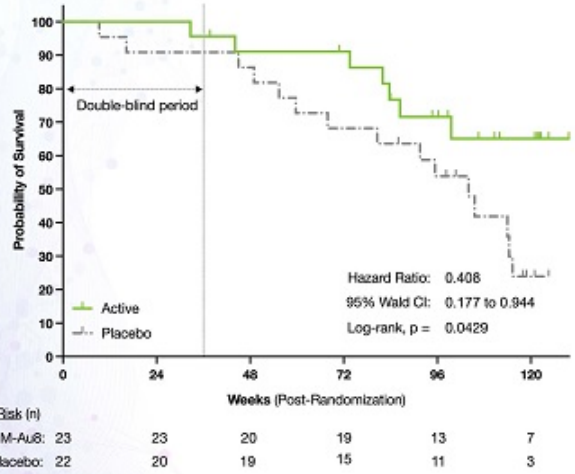
- Death,
- Tracheostomy,
- Need for non-invasive ventilatory support, or
- Gastrostomy (feeding) tube placement.

Data on File, Clene Nanomedicine, Inc.

RESCUEALS

Demonstrated Significant Impact on Long-Term Survival 60% Decreased Risk of Death through 120 weeks

Long-Term Survival (All-Cause Mortality): Originally Randomized Active vs. Placebo
Interim Analysis (14-July-2022), ITT Population, All Subjects from Randomization
(Long-term vital status including all study withdrawals)



At Risk (n)						
CMM-Au8:	23	23	20	19	13	7
Placebo:	22	20	19	15	11	3

Early CNM-Au8 treatment demonstrated a significant survival benefit:

- Follow-up of active compared to initial placebo randomization*
- 60% decreased risk of death

***9-month delayed treatment start (ex-placebo) or no treatment**

Time to all-cause mortality amongst participants originally randomized to CNM-Au8 compared to participants originally randomized to placebo through at least 12-months following the last patient last visit (14-July-2022). Vital status and date of death (as applicable) were captured for all subjects withdrawn from the study. Lost-to-follow-up (active, n=3; placebo, n=1) censored as of the date of last study contact. All OLE ex-placebo CNM-Au8 transitioned participants within the placebo group. All current active OLE subjects are right censored as of 14-July-2022.

Data on File, Clene Nanomedicine, Inc.

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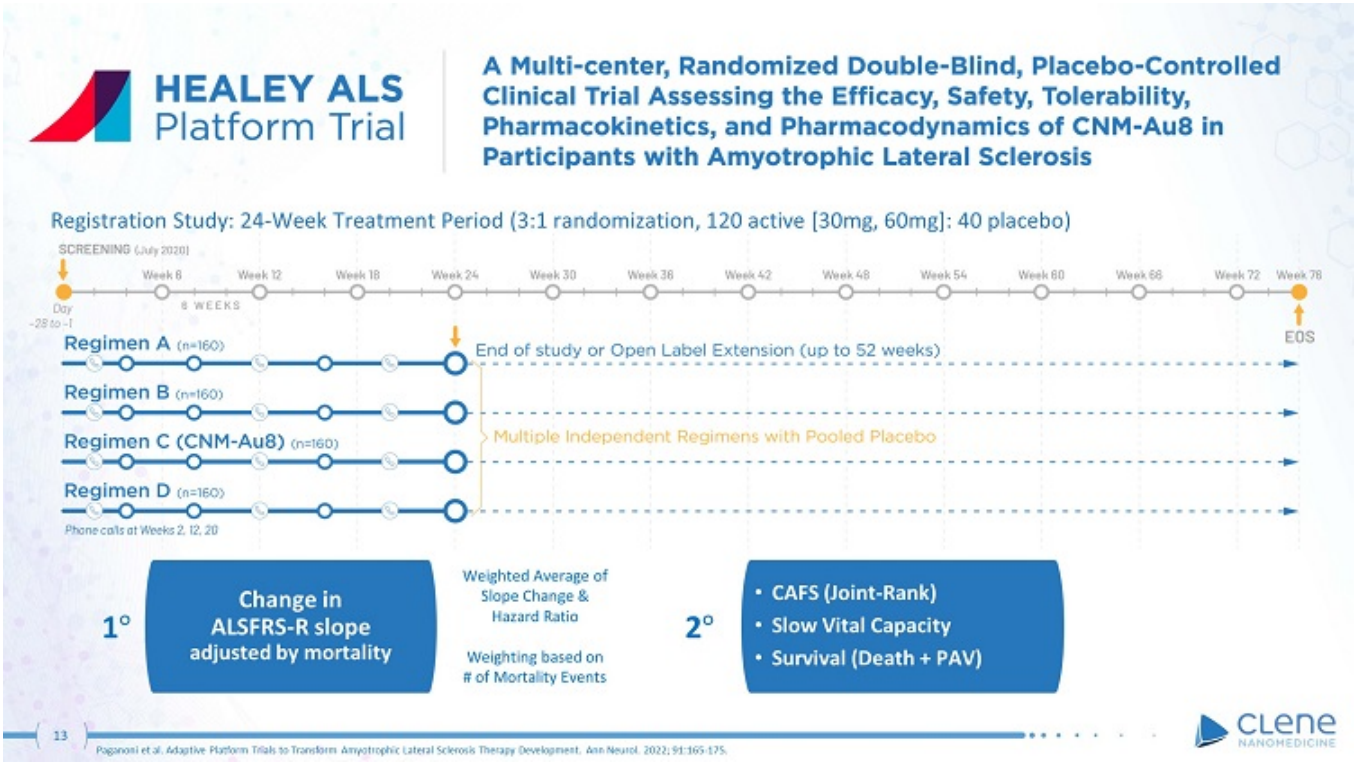
HEALEY ALS
Platform Trial
A Multi-center, Randomized Double-Blind, Placebo-Controlled Clinical Trial Assessing the Efficacy, Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of CNM-Au8 in Participants with Amyotrophic Lateral Sclerosis
Registration Study: 24-Week Treatment Period (3:1 randomization, 120 active [30mg, 60mg]: 40 placebo)
SCREENING (July 2020)
Week 6
Week 12
Week 18
Week 24
Week 30
Week 36
Week 42
Week 48
Week 54
Week 60
Week 66
Week 72
Week 78
Day -28 to -1
8 WEEKS
EOS
Regimen A (n=160)
Regimen B (n=160)
Regimen C (CNM-Au8) (n=160)
Regimen D (n=160)
End of study or Open Label Extension (up to 52 weeks)
Multiple Independent Regimens with Pooled Placebo
Phone calls at Weeks 2, 12, 20
1°
Change in ALSFRS-R slope adjusted by mortality
Weighted Average of Slope Change & Hazard Ratio
Weighting based on # of Mortality Events
2°
• CAFS (Joint-Rank)
• Slow Vital Capacity
• Survival (Death + PAV)
13
Paganoni et al. Adaptive Platform Trials to Transform Amyotrophic Lateral Sclerosis Therapy Development. Ann Neurol. 2022; 91:165-175.
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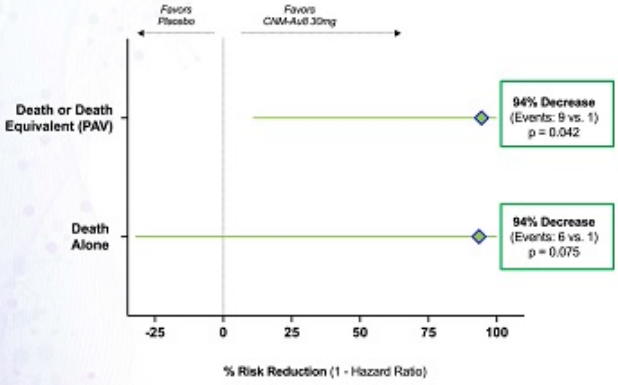
Survival Signal | >90% Reduced Risk of Death with 30mg

HEALEY ALS Platform Trial

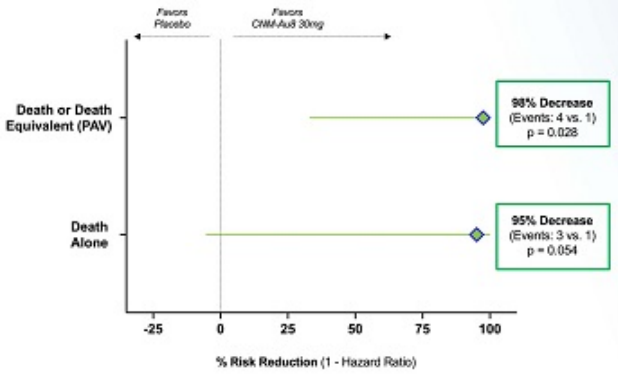
Shared Placebo Across Regimens

CNM-Au8 30mg Survival | Adjusted Cox Proportional Hazard
Full Analysis Set (All Shared Placebo, Regimens A, B, C, D)
% Hazard Reduction at Week 24
(1 - Hazard Ratio, 95% Confidence Interval)



CNM-Au8 Regimen Only (Regimen C)

CNM-Au8 30mg Survival | Adjusted Cox Proportional Hazard
Efficay Regimen Only Set (Within Regimen Analysis)
% Hazard Reduction at Week 24
(1 - Hazard Ratio, 95% Confidence Interval)



PAV = Permanently Assisted Ventilation; Prespecified covariate adjustments include: (i) time from symptom onset, (ii) pre-baseline ALSFRS-R slope, (iii) riluzole use, (iv) edaravone use, (v) age. Events (placebo vs. active).. p-values are not adjusted for multiple comparisons; exploratory analyses by dose.

No evidence for treatment effect at 24 weeks for either adjusted ALSFRS-R change, CAFS, or SVC (combined 30 & 60 mg doses)

Data on File, Clene Nanomedicine, Inc.

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CNM-Au8 Has Demonstrated ALS Survival Benefit at 30 mg Dose in Two Phase 2 Studies

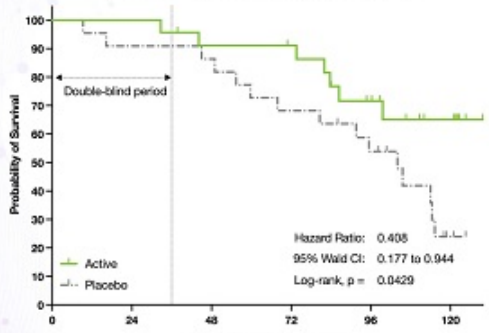
RESCUEALS

60% decreased risk of death through 120 weeks

HEALEY ALS Platform Trial

>90% risk reduction of death at 24 weeks

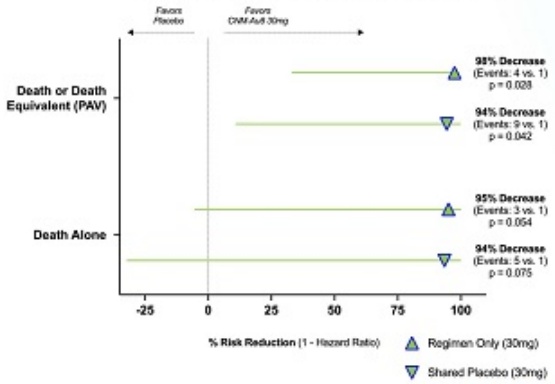
Long-Term Survival (All-Cause Mortality): Originally Randomized Active vs. Placebo
Interim Analysis (14-July-2022), ITT Population, All Subjects from Randomization
(Long-term vital status including all study withdrawals)



At Risk (n)

CNM-Au8:	23	23	20	19	13	7
Placebo:	22	20	19	15	11	3

CNM-Au8 30mg | Adjusted Cox Proportional Hazard Ratio
% Risk Reduction at Week 24
(1 - Adjusted Hazard Ratio, 95% Confidence Interval)



Data on File, Clene Nanomedicine, Inc.

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HEALEY ALS Platform Safety Summary

- Occurrence of TEAEs were balanced between CNM-Au8 and placebo
- No SAEs were assessed as related to CNM-Au8

Treatment Emergent Adverse Events (TEAEs)	All Shared Placebo (%)	Regimen Placebo (%)	CNM-Au8 30 mg (%)	CNM-Au8 60 mg (%)
Participants with Any TEAE	90%	93%	92%	93%
Participants with Related TEAEs	39%	34%	29%	43%
Participants with SAE	9%	17%	10%	16%
Participants with Related SAEs	1%	2%	0%	0%
Participants Withdrawn due to TEAE	7%	7%	7%	7%

All Shared Placebo (n=164 placebo from Regimens A, B, C, D); Regimen placebo (n=41) includes only concurrent randomization within Regimen C (CNM-Au8)

VISIONARY-MS STUDY Core Design Elements

Phase 2 Study: 48-Week Placebo-Control Treatment Period 2:1 Randomization (Active [15mg, 30 mg]: Placebo)

- Enrolled stable relapsing remitting MS participants with chronic optic neuropathy on background DMTs
- n=73 of 150 planned (~50%) study ended prematurely due to COVID-19 pandemic enrollment challenges
- Pre-specified statistical threshold set at p=0.10
- CNM-Au8 Open Label Extension (OLE) for original active and placebo continues for up-to-96 weeks

1° **Change in Low Contrast Letter Acuity (LCLA)**

2° **Change in modified MS Functional Composite (mMSFC)**

9HPT SDMT T25FWT LCLA

https://clinicaltrials.gov/ct2/show/NCT03536559; Data on File, Clene Nanomedicine, Inc.

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Baseline Demographics and Study Analysis

VISIONARY-MS STUDY

- All participants diagnosed with stable relapsing remitting MS with chronic optic neuropathy
- 92% treated with background DMTs (inc 53% monoclonal antibodies, 32% oral)
- Modified ITT (mITT) Analysis Population

Baseline Value mean (sd)	Age (yrs)	Sex n, (%) Female	Race n, (%) White	Weight (kg)	EDSS Score	Years from Dx	Months Since Relapse
CNM-Au8 15 mg (n=24)	38.4 (10.2)	15 (63%)	23 (96%)	78.0 (17.1)	1.83 (1.3)	6.5 (5.0)	53 (57)
CNM-Au8 30 mg (n=25)	39.6 (7.6)	16 (64%)	24 (96%)	78.6 (17.3)	1.50 (1.1)	3.4 (3.3)	37 (35)
Placebo (n=24)	38.1 (8.3)	20 (83%)	22 (92%)	83.0 (23.3)	1.85 (1.4)	6.6 (3.7)	57 (38)
All Participants (n=73)	38.7 (8.6)	51 (70%)	69 (95%)	79.9 (19.3)	1.75 (1.5)	5.5 (4.3)	49 (45)

Data on File, Clene Nanomedicine, Inc.

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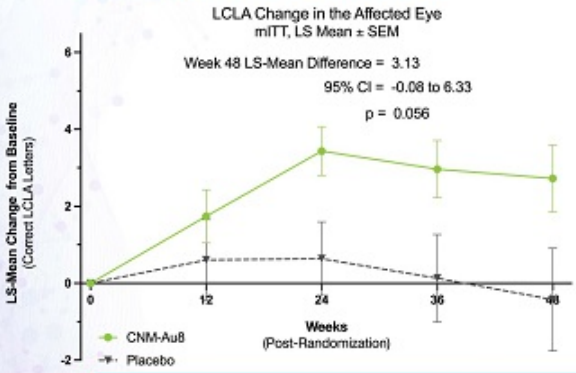
CNM-Au8 Demonstrated Vision and Global Neurological Improvement in Stable MS patients on DMTs

VISIONARY-MS STUDY

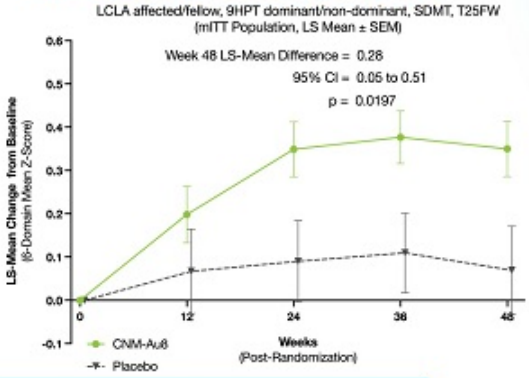
Significantly Improved Vision

Global Neurological Improvement

Change in Low Contrast Letter Acuity (LCLA)



Change in modified MS Functional Composite (mMSFC)



Global neurological clinical improvement was driven by cognition, manual dexterity, and low contrast letter acuity

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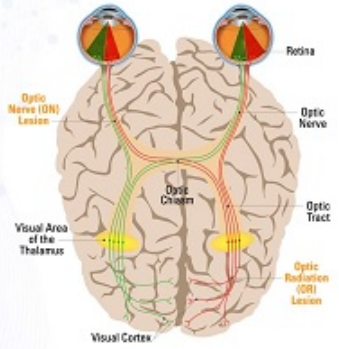
VISIONARY-MS Measures of Axonal Integrity

VISIONARY-MS STUDY

Visual Evoked Potentials (VEP)

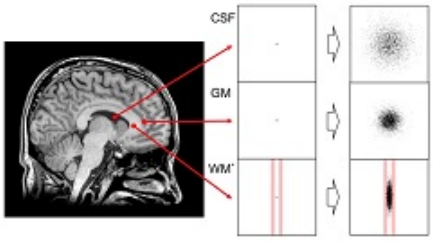
Multi-focal Amplitude and Latency Changes



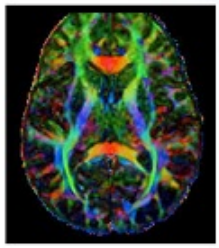
Advanced MRI Techniques

Diffusion Tensor Imaging (DTI) changes

Fractional Anisotropy



Brain Diffusivity



What Happens in the Visual System Happens Throughout the MS Brain

Balcer et la. Mult Scler. 2017 Apr;23(5):734-747.

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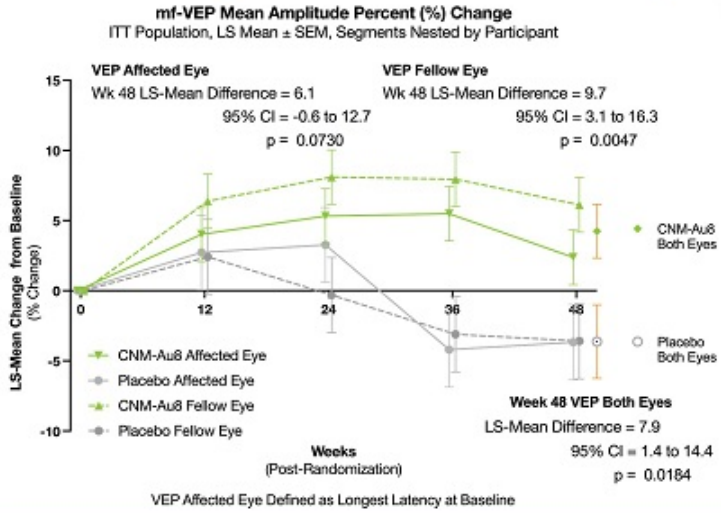
CNM-Au8 Improved Information Signal in the Visual Pathway

VISIONARY-MS STUDY

Increased Amplitude (Signal Strength)

From the Eye to the Brain's Visual Cortex



Increased VEP amplitude is associated with improved axonal integrity; provides evidence that previously impaired neurons can contribute to information signaling after treatment

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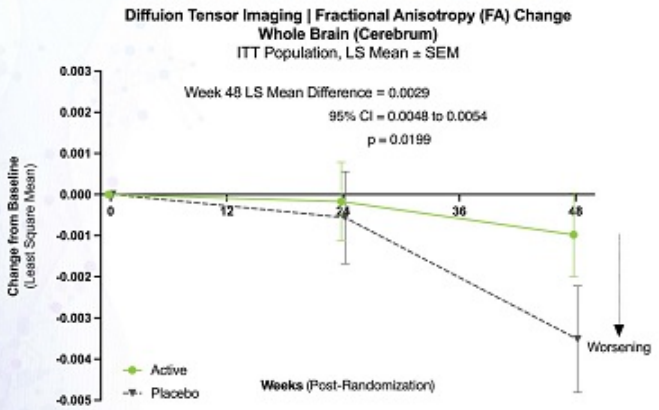
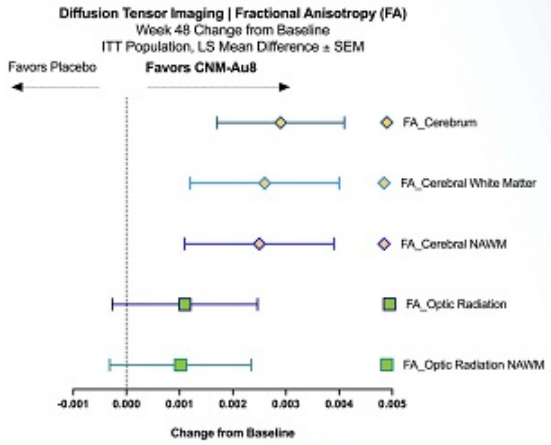
CNM-Au8 Preserved White Matter Integrity Throughout the Brain

VISIONARY-MS STUDY

Preserved Whole Brain White Matter Integrity



Consistent Effect Across All Brain Regions



Preservation of white matter integrity associated with decreased cognitive and functional decline in MS patients

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Summary | Consistent Paraclinical Evidence of Neuroprotective Effects Favoring CNM-Au8 Treatment

Paraclinical Endpoint	Paraclinical Measure LS Mean Change – Week 48	Significance	Key Findings	Implications
Diffusion Tensor Imaging (DTI) measure of Fractional Anisotropy (FA)	FA within the whole brain (Cerebrum)	p = 0.0199	Improvements of axonal integrity and neuronal structure across the brain	Neuroprotection and preservation of white matter integrity associated with decreased cognitive and functional decline
	FA within total Cerebral White Matter	p = 0.0805		
	FA within total Cerebral Normal Appearing White Matter	p = 0.0823		
Multi-focal Visual Evoked Potential (mf-VEP)	Amplitude percent change across both eyes	p = 0.0184	Improved information signal along the visual pathway	Neuronal preservation and improved information signal from previously impaired neurons
	Amplitude percent change in the most affected eye at baseline	p = 0.0730		
	Amplitude percent change in the least affected eye at baseline	p = 0.0047		

Critical unmet need in MS for treatments that protect neuronal function independently of immunomodulation to decrease disease progression

Data on File, Clene Nanomedicine, Inc.

VISIONARY-MS Safety Summary

VISIONARY-MS STUDY

CNM-Au8 treatment was safe and well-tolerated

- Treatment emergent adverse events (TEAEs) were transient and predominantly mild-to-moderate
- No dose limiting adverse events; no related serious adverse events

Treatment Emergent Adverse Events (TEAEs)	Placebo number (%)	CNM-Au8 15 mg number (%)	CNM-Au8 30 mg number (%)
Subjects with any TEAE	22 (92%)	21 (88%)	25 (100%)
Subjects with SAE	2 (8%)	1 (4%)	2 (8%)
Subjects with Related TEAEs	2 (8%)	2 (8%)	5 (20%)
Subjects Discontinued due to TEAE	1 (4%)	--	1 (4%)

Placebo SAEs: (1) Lentigo maligna melanoma, (2) pregnancy; CNM-Au8 15mg SAEs: (1) Pneumonia, bacteremia (staph aureus), endocarditis; 30mg SAEs: (1) Ketamine infusion for pain and paracetamol overdose; (2) deep vein thrombosis (6-months post-discontinuation)

CNM-Au8

Data on File, Clene Nanomedicine, Inc.

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CNM-Au8 is Consistently Favored for Treatment of MS Progression Independent of an Immunomodulatory Effect

VISIONARY-MS

Significant Opportunity

- MS patients continue to progress with increasing cognitive and functional deficits accumulating even while receiving disease-modifying therapies—a significant unmet medical need

CNM-Au8® Clinical Results

- Significant improvements in clinical outcomes, brain structure, and visual system on top of immunomodulatory standard of care therapy
- Paraclinical MRI and VEP improvements support clinical benefits, consistently favoring CNM-Au8

Global Phase 3 MS Trial

- Phase 2 VISIONARY-MS safety and efficacy results support advancement to Phase 3

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Over 400 Years of Subject Exposure Without Identified Safety Signals Across ALS, MS, and PD

Clean Toxicology Findings

All Animal Toxicology Studies Resulted in No-Adverse Effect Level (NOAEL) Findings

- Multiple species up to 9-months treatment
- Up to maximum feasible dosing without any toxicology findings related to CNM-Au8

Well Tolerated Adverse Event (AE) Profile

Assessed as Predominantly Mild-to-Moderate Severity and Transient

- No SAEs related to CNM-Au8 considered severe, life-threatening, or resulting in death
- AEs transient and predominantly mild-to-moderate severity

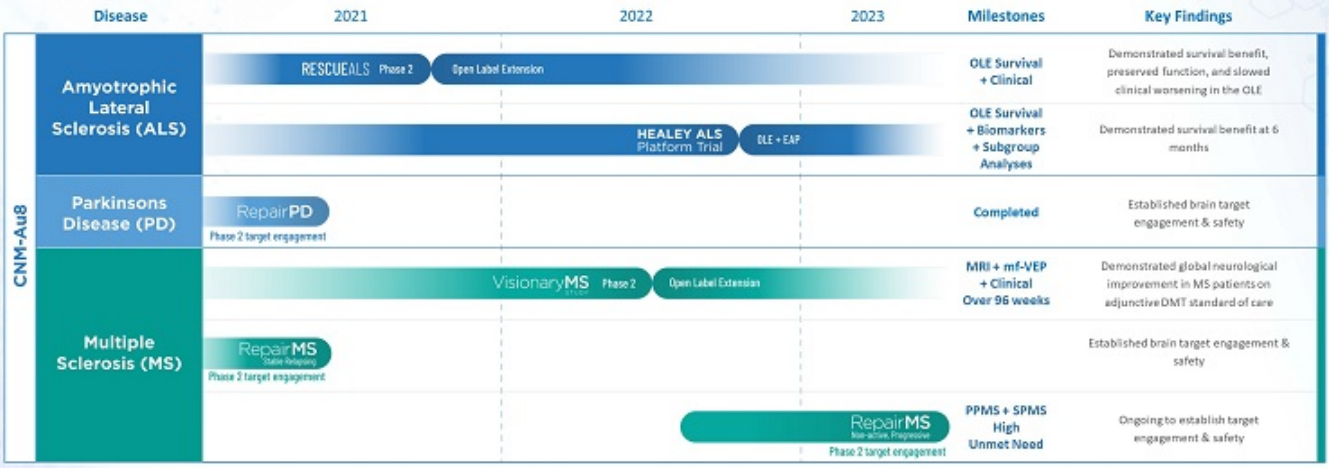
Patient Exposure Across ALS, MS & PD

Over 400 Years of Subject Exposure Without Identified Safety Signals

- Long-term dosing experience up to 175 weeks

Data on File, Clene Nanomedicine, Inc. MS: Multiple Sclerosis, ALS: Amyotrophic lateral sclerosis, and PD: Parkinson's Disease.

Growing Body of Evidence for CNM-Au8®



Data on File, Clene Nanomedicine, Inc.

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Evidence Supports CNM-Au8 Therapeutic Potential to Treat Neurodegenerative Diseases

CNM-Au8®
a gold nanocrystal suspension, in development as the first cellular energetic catalyst to remyelinate[1] & protect neurological function

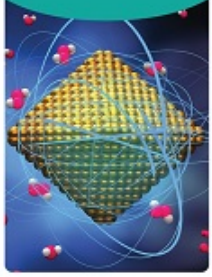
RESCUEALS
60% decreased risk of death in ALS through 120 weeks

HEALEY ALS Platform Trial
>90% decreased risk of death with 30 mg in ALS

VISIONARY-MS
Demonstrated global neurological improvement in MS patients on adjunctive DMT standard of care

>400
patient years of CNM-Au8 clinical exposure

Strong IP:
150+
patents on nanotherapeutic platform



As of September 30, 2022, adjusted cash and investments on hand (unaudited):
$32.0M*

*Includes cash and investments as of September 30, 2022 of $16.2M + $10.8M November 2022 registered direct offering + $5.0M December 2022 loan with the Maryland Depart of Housing and Community Development

Data on File, Clene Nanomedicine, Inc. [1]Robinson et al. Sci Rep. 2020 Feb 11;10(1):1936. https://clinicaltrials.gov/ct2/show/NCT04434345.

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