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): September 17, 2021 $\,$

Clene Inc.
(Exact name of registrant as specified in its charter)

(Ex	act name of registrant as specified in its charter)	
Delaware	001-39834	85-2828339
(State or other jurisdiction	(Commission File Number)	(IRS Employer
of incorporation)		Identification No.)
6550 South Millrock Drive, Suite G50		
Salt Lake City, Utah		84121
(Address of principal executive offices)		(Zip Code)
Registrant	s telephone number, including area code: (801) 67	6-9695
(Former	N/A name or former address, if changed since last rep	ort.)
Check the appropriate box below if the Form 8-K filing is intend General Instruction A.2. below):	ded to simultaneously satisfy the filing obligation of t	he registrant under any of the following provisions (see
$\hfill \square$ Written communications pursuant to Rule 425 under the Section	curities Act (17 CFR 230.425)	
$\ \square$ Soliciting material pursuant to Rule 14a-12 under the Excha	ange Act (17 CFR 240.14a-12)	
$\hfill \Box$ Pre-commencement communications pursuant to Rule 14d-	2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
$\hfill \Box$ 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:		
		Name of each exchange on
Title of each class	Trading Symbol(s)	which registered
Common Stock, par value US\$0.0001 per share Warrants, to acquire one-half of one share of Common	CLNN	The Nasdag Stock Market LLC
Stock for \$11.50 per share	CLNNW	The Nasdaq Stock Market LLC
Indicate by check mark whether the registrant is an emerging grup 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 reaccounting standards provided pursuant to Section 13(a) of the Indicate is the security of the Indicate is the In	egistrant has elected not to use the extended transition	

Item 7.01 Regulation FD Disclosure.

On September 17, 2021, Clene Inc. (the "Company") issued a press release announcing a poster presentation titled "Homeostatic Improvement of Brain Bioenergetic Metabolism in Parkinson's Disease: Results From A Phase 2 REPAIR-PD Clinical Trial With CNM-Au8" at the International Parkinson and Movement Disorder Society (MDS) Virtual Congress 2021 which takes place September 17 – 22, 2021. A copy of the press release is filed as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

In connection with the September 17, 2021 press release, the Company released an updated corporate presentation (the "Corporate Presentation") on its website, www.clene.com. A copy of the Corporate Presentation is filed as Exhibit 99.2 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 and 99.2, 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, 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	Press Release dated September 17, 2021 announcing Clene presents Phase 2 CNM-Au8 data at the International Parkinson and Movement Disorder Society
	Virtual Congress 2021.
99.2	Corporate Presentation dated September 17, 2021.
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: September 17, 2021

/s/ Robert Etherington By:

Robert Etherington President and Chief Executive Officer

Clene Presents Phase 2 CNM-Au8 CNS Target Engagement Data at the International Parkinson and Movement Disorder Society Virtual Congress 2021

CNM-Au8® , a catalytically active gold nanocrystal suspension, significantly improved brain energetic metabolism in Parkinson's patients

SALT LAKE CITY, September 17, 2021 -- Clene Inc. (NASDAQ: CLNN) along with its subsidiaries "Clene" and its wholly owned subsidiary Clene Nanomedicine, Inc., a clinical-stage biopharmaceutical company dedicated to the treatment of neurodegenerative disease using nanotechnology to treat energetic failure, today announced a poster presentation titled "Homeostatic Improvement of Brain Bioenergetic Metabolism in Parkinson's Disease: Results From A Phase 2 REPAIR-PD Clinical Trial With CNM-Au8" at the International Parkinson and Movement Disorder Society (MDS) Virtual Congress 2021 which takes place September 17 – 22, 2021. The poster presentation is available for view here

Clene's Phase 2 REPAIR program achieved a statistically significant increase in its primary endpoint, the mean change in brain NAD⁺/NADH ratio (p=0.037). NAD is an essential molecule responsible for cellular energy production. While the NAD⁺/NADH ratio declines normally during aging by approximately 0.5% per decade, reduced NAD⁺/NADH ratios have been reported in multiple neurodegenerative diseases, and the decline in the ratio is implicated in Parkinson's disease. In the REPAIR-PD study, the trend in NAD+/NADH ratio improvement was driven by both increased NAD⁺ and decreased NADH. Patients were evaluated using an innovative non-invasive brain imaging technique, phosphorous magnetic resonance spectroscopy, before and after 12 or more weeks of daily oral dosing with CNM-Au8. End of treatment results were compared to baseline. Exploratory endpoints revealed that taking CNM-Au8 resulted in the normalization of several critical markers of brain energy production capacity including beta-ATP levels and phosphorylation potential. There were no serious adverse events and treatment-emergent adverse events were mild and transient.

Robert Glanzman, MD FAAN, Clene's Chief Medical Officer, commented, "We are very pleased to share our results with the Parkinson's treatment community at the MDS Virtual Congress. We see CNM-Au8's impact on brain bioenergetics as a breakthrough in the way Parkinson's will be treated. The 10% increase in the NAD+/NADH ratio seen in our Phase 2 REPAIR Program corresponds to a reversal of approximately 20 decades of normal aging based on an anticipated decline of 0.5% per decade, a significant result."

Rob Etherington, Clene's Chief Executive Officer, added, "In addition to achieving its primary endpoint, the RESCUE-PD study reinforced our lead candidate CNM-Au8's central nervous system target engagement, as well as its ability to significantly rebalance brain metabolites, both of which have implications across most neurodegenerative diseases."

Approximately 7 million people are living with Parkinson's disease, the second most common neurogenerative disorder. Only symptomatic treatments are currently available in a market projected to reach \$6 billion by 2025.

The International Parkinson and Movement Disorder Society (MDS) is a professional society of more than 11,000 clinicians, scientists and other healthcare professionals dedicated to improving the care of patients with movement disorders through education and research.

About REPAIR-PD

REPAIR-PD, a Phase 2 single-center, active only, sequential group, investigator blinded study assessed the metabolic effects, safety, pharmacokinetics and pharmacodynamics of CNM-Au8 in patients with Parkinson's disease (PD) diagnosed within 3 years of screening. Investigators and participants were blinded to dose. Participants received orally delivered CNM-Au8 daily each morning for 12 weeks. Participants underwent ³¹P-MRS brain imaging scans to semi-quantitatively measure energetic metabolites at baseline, prior to and after administration of the drug. The objective of this study was to demonstrate target engagement for CNM-Au8 on central nervous system (CNS) biomarkers related to cellular energy metabolism in patients with PD. The study was conducted at the University of Texas Southwestern Medical Center with a team of internationally recognized experts in brain imaging and treatment of disorders of the CNS. Interim results from REPAIR-PD presented at the MSVirtual2020 Meeting and the ACTRIMS Forum 2021 Meeting showed improvements across key CNS bioenergetic metabolites, including total nicotinamide adenine dinucleotide (NAD) levels, NAD+/NADH ratio (primary endpoint), and adenosine triphosphate (ATP) levels (secondary endpoint), indicating a homeostatic effect of CNM-Au8 on brain energetics. For more information see ClinicalTrials.gov Identifier: NCT03815916.

About CNM-Au8®, a gold nanocrystal suspension

Clene's lead drug candidate, CNM-Au8, is an aqueous suspension of catalytically-active, clean-surfaced, faceted gold nanocrystals. Resulting from a patented manufacturing breakthrough, the catalytically active nanocrystals of CNM-Au8 drive critical cellular energy producing reactions in the brain that enable neurorepair and remyelination by increasing neuronal and glial resilience to disease-relevant stressors. CNM-Au8 crosses the blood-brain barrier and is not associated with the toxicities related to synthetic gold compounds or nanoparticles manufactured via alternative methods. CNM-Au8 has demonstrated safety in Phase 1 studies in healthy volunteers and has shown both remyelination and neuroprotective effects in multiple preclinical (animal) models. Preclinical data, both published in peer-reviewed journals and presented at scientific congresses, demonstrate that treatment of neuronal cultures with CNM-Au8 improves survival of neurons, protects neurite networks, decreases intracellular levels of reactive oxygen species and improves mitochondrial capacity in response to cellular stresses induced by numerous disease-relevant neurotoxins. Oral treatment with CNM-Au8 improved functional behaviors in rodent models of ALS, MS, and PD versus vehicle (placebo). CNM-Au8^Ô is a federally registered trademark of Clene Nanomedicine, Inc.

About Clene

Clene, a clinical-stage biopharmaceutical company focused on neurodegenerative disease treatments, is leading the way by using nanotechnology to treat energetic failure, which underlies many neurological diseases. Clene has innovated a novel nanotherapeutic platform to create a new class of drugs. Clene's lead drug candidate, CNM-Au8, is an aqueous suspension of catalytically-active, clean-surfaced, faceted gold nanocrystals that drive critical cellular energetic metabolism in the central nervous system (CNS). CNM-Au8 increases cellular energy production to accelerate neurorepair and improve neuroprotection. CNM-Au8 is currently being evaluated in a Phase 3 registration trial in amyotrophic lateral sclerosis (ALS), a Phase 2 trial examining disease progression via a novel electromyography technique in patients with early ALS, a Phase 2 trial for the treatment of chronic optic neuropathy in patients with stable relapsing multiple sclerosis (MS), and Phase 2 brain target engagement studies in patients with Parkinson's disease (PD) and MS. Clene has also advanced into the clinic an aqueous solution of ionic zinc and silver for anti-viral and anti-microbial uses. The company is based in Salt Lake City, Utah with R&D and manufacturing operations in Maryland. For more information, please visit www.clene.com or follow us on Twitter, LinkedIn and Facebook.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Clene's actual results may differ from its expectations, estimates and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "might" and "continues," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements involve significant known and unknown risks and uncertainties, many of which are beyond Clene's control and could cause actual results to differ materially and adversely from expected results. Factors that may cause such differences include Clene's ability to demonstrate the efficacy and safety of its drug candidates; the clinical results for its 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; Clene's ability to achieve commercial success for its marketed products and drug candidates, if approved; Clene's ability to obtain and maintain protection of intellectual property for its technology and drugs; Clene's reliance on third parties to conduct drug development, manufacturing and other services; Clene's limited operating history and its ability to obtain additional funding for operations and to complete the licensing or development and commercialization of its drug candidates; the impact of the COVID-19 pandemic on Clene's clinical development, commercial and other operations, as well as those risks more fully discussed in the section entitled "Risk Factors" in Clene's Annual Report filed on Form 10K, as well as discussions of potential risks, uncertainties, and other important factors in Clene's s

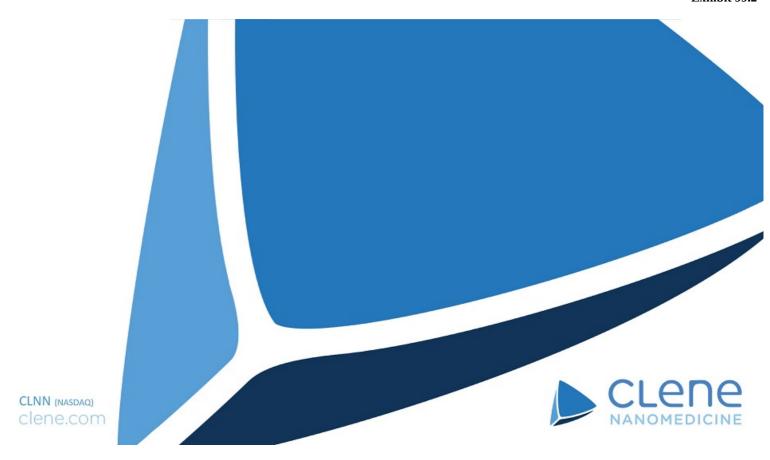
Media Contact

Gwendolyn Schanker LifeSci Communications (269) 921-3607 gschanker@lifescicomms.com

Investor Contact

Bruce Mackle LifeSci Advisors, LLC (929) 469-3859 bmackle@lifesciadvisors.com

Source: Clene Inc.



Forward Looking Statements

This presentation contains "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Clene's actual results may differ from its expectations, estimates, and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "might" and "continues," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements involve significant known and unknown risks and uncertainties, many of which are beyond Clene's control and could cause actual results to differ materially and adversely from expected results. Factors that may cause such differences include Clene's ability to demonstrate the efficacy and safety of its drug candidates; the clinical results for its 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; Clene's ability to achieve commercial success for its marketed products and drug candidates, if approved; Clene's ability to obtain and maintain protection of intellectual property for its technology and drugs; Clene's reliance on third parties to conduct drug development, manufacturing and other services; Clene's limited operating history and its ability to obtain additional funding for operations and to complete the licensing or development and commercialization of its drug candidates; the impact of the COVID-19 pandemic on Clene's clinical development, commercial and other operations, as well as those risks more fully discussed in the section entitled "Risk Factors" in Clene's recently filed registration statement on Form S-4/A as well as discussions of potential risks, uncertainties, and other important factors in Clene's subsequent filings with the U.S. Securities and Exchange Commission. Clene undertakes no obligation to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions or circumstances on which any such statement is based, subject to applicable law. All information in this presentation is as of the date of presented or the date made publicly available. The information contained in any website referenced herein is not, and shall not be deemed to be, part of or incorporated into this presentation.



CLENE | Management Team





David J. Matlin



Rob Etherington



Robert Glanzman, MD, FAAN

Geneuro



Mark Mortenson

QU POND



Michael Hotchkin



Ted Jeong, DM



























PARKE-DAVIS











Dupont Lanxide Composites

Lanxide Electronic Components



Clene Nanomedicine









Manufacturing expansion in progress, preparing for possible commercialization in

2023







\$63M



CLENE | Platform & Pipeline





Novel electro-chemistry platform produces catalytic Clean Surface Nanocrystal drugs designed to avoid toxicities associated with synthetic chemistry



"Subject to ongoing COVID-19 related site research restrictions generally implemented to protect MS patients taking standard-of-care immunosuppressive therapic

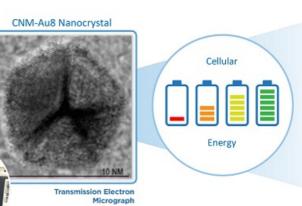


CNM-Au8® | Catalytically-Active Nanotherapeutic

Improved Cellular Energy Production & Utilization

Novel mechanism of action to address a range of CNS diseases







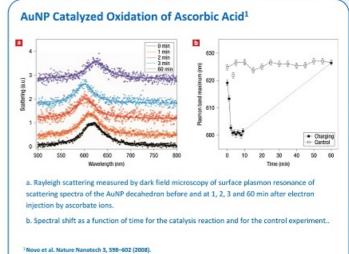
Lateral Sclerosis

CLENE
NANOMEDICINE

CNM-Au8 | Integrating Physics With Biology

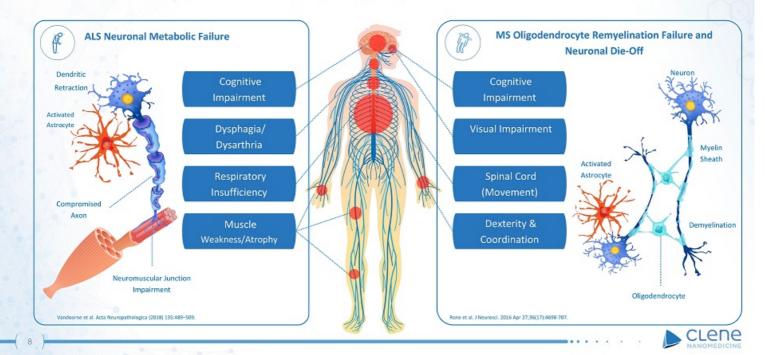
Electron transfer (to-and-from) CNM-Au8 nanocrystals drives catalytic activity and cellular energy production



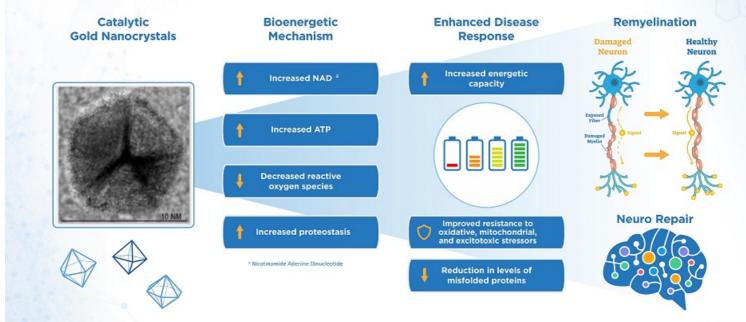




Treating Energetic Failure | Common Pathological Mechanism In Neurodegenerative Disorders (MS, ALS, PD)



CNM-Au8 | MOA → Therapeutic Effects





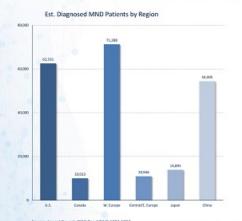
CNM-Au8 | Significant Global Opportunity



MOTOR NEURON DISEASE (ALS,

Other Orphan Disorders)

ALS sales >\$1B globally by 2029¹. Current drugs are largely ineffective, mostly generic



WMD includes amyotrophic laheral sclerosis, spinal mascular atrophy, hereditary spastic panaplegia, primary lateral sclerosis, progressive muscular atrophy, and pseudobulbar palay

MULTIPLE SCLEROSIS ~2.5M pts

globally; \$23B market²

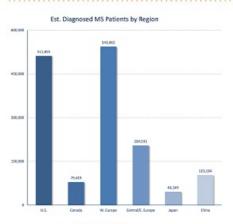
Only approved treatments are immunomodulators



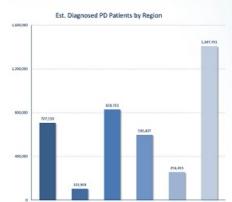
PARKINSON'S DISEASE ~7M pts

globally; \$6B projected by 2025³

2ND most common neurodegenerative disorder; only symptomatic treatments



Source: Lancet Neurol. 2019 Mar;18(3):269-281



Source: Lancet Neurol. 2018 Nav;17[11]:939:95.

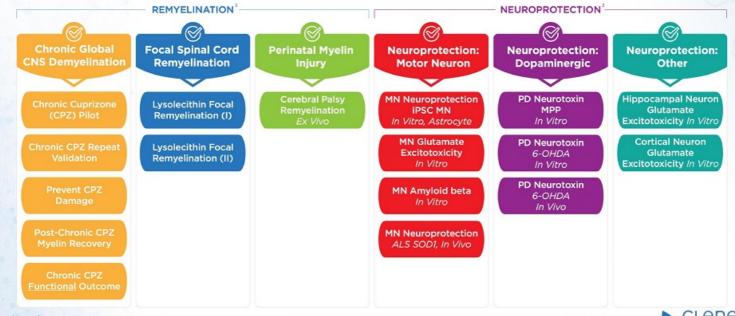
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*Clarivate, DRG, ALS 2020 FWestad et al. 2017, doi:10.1038/nnd.2017.107. *Parkinson's Market Data-Forecast, February 2020



CNM-Au8 | Evidence for Energetic Improvement

Therapeutic Activity Across Remyelination + Neuroprotection Models



CLENE

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*Robinson et al. Sci Rep. 2020, DOI: 30.1038/vid1568-000-58709-w. *Ho et al. Society for Neuroscience Meeting, 2019. Ho et al. Motor Neuroscience Proceduring Meeting, 2019. Data on File. Clear Nanomedicine, Inc.

CNM-Au8 | MOA & Remyelination Data Published

www.nature.com/scientificreports

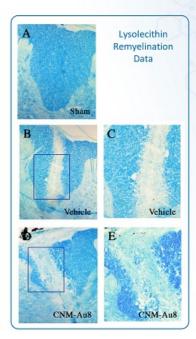


natureresearch

OPEN Nanocatalytic activity of cleansurfaced, faceted nanocrystalline gold enhances remyelination in animal models of multiple sclerosis

> Andrew P. Robinson^{1,9}, Joanne Zhongyan Zhang^{2,9}, Haley E. Titus¹, Molly Karl³, Mikhail Merzliakov², Adam R. Dorfman², Stephen Karlik⁴, Michael G. Stewart⁵, Richard K. Watt⁵, Benjin D. Facer⁶, Jon D. Facer⁵, Noah D. Christian⁷, Karen S. Ho^{2,8*}, Michael T. Hotchkin^{2,9}, Mark G. Mortenson^{2,9}, Robert H. Miller^{3,9} & Stephen D. Miller^{3,9}

on et al. Sci Rep. 2020 Feb 11:10(1):1936. doi: 10.1038/s41598-020-58709-w





CNM-Au8 | Clinical Program Overview

Successful Phase 1
First-In Humans Safety Trial +
Chronic
Animal Toxicity Studies

Phase 2 Brain Target Engagement
³¹P-Magnetic Resonance



Phase 2 & 3 ALS Clinical Neurorepair









Phase 2 MS
Clinical
Remyelination & Neurorepair

Remyelination & Neurorepair





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CNM-Au8 | Clean Toxicology Findings All Studies Resulted in No Adverse Effect Level (NOAEL)^a

Standard ICH M3(R2) Toxicology Program

Genotoxicity In Vitro & In Vivo (Rodent) Single Dose Toxicokinetics Max Feasible Toxicokinetics Chronic Toxicity
Rodent

Safety Pharmacology

Multi-Dose Toxicokinetics Max Feasible Toxicokinetics Chronic Toxicity
Canine
Canine (9-Month)

Dose Range Finding Rodent, Minipig MTD Toxicokinetics Canine (4-Wk) High Dose Toxicokinetics Rodent (3-Wk) Carcinogenicity Dose Range Finding rasH2 (1-Month)

^a No Adverse Event Level (NOAEL) findings



CNM-Au8 | Well Tolerated; No Dose-Limiting Safety Issues

Phase 1 First In Human Study Completed (n=86)

- · Single-ascending dose
 - 4 cohorts of 8 subjects plus one repeat (n=40)
 - 15, 30, 60, 90 mg
 - 3:1 randomized (active:control)
 - 1 dose; 17-day follow-up
- Multi-ascending dose
 - 4 cohorts of ~12 subjects (n=46)
 - 15, 30, 60, 90 mg
 - 3:1 randomized (active:control)
 - 21 days daily dosing + follow-up (Up to 50 days)

- Most frequent TEAEs by System Organ Class: Nervous/GI
- Nearly all of the TEAEs were Grade 1 severity (mild)
- No serious TEAEs, TEAEs leading to discontinuation of treatment, or TEAEs considered severe, life-threatening, or resulting in death
- No dose responsive TEAEs observed in SAD or MAD

>200 Years of Human Exposure

>90 Weeks Exposure in Clinical Trials; >100 Weeks in ALS Expanded Access



+ Long-Term Extension



+ Long-Term Extension



+ Long-Term Extension





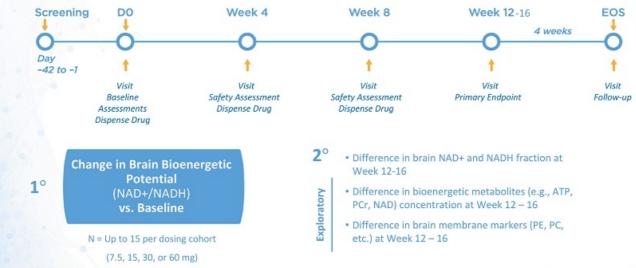






CNM-Au8 Effects on Brain Energetic Metabolites

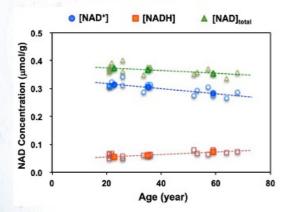
A Phase 2, Open Label, Sequential Group, Investigator Blinded Study of Magnetic <u>Re</u>sonance Spectroscopy ("P-MRS) to <u>A</u>ssess the Effects of CNM-Au8 for the Bioenergetic <u>Improvement of Impaired Neuronal Redox State (REPAIR)</u>



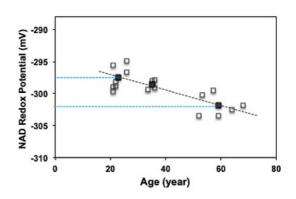


NAD+/NADH | Age Related Decline of Brain Energy Metabolism (By ³¹P-MRS Imaging)

NAD+ Declines / NADH Increases (Aging Change by Decade)



~0.5% NAD+/NADH unit decline per decade (~0.13 mV units per year)



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

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Zhu et al. Proc Natl Acad Sci USA . 2015 Mar 3;112(9):2876-81

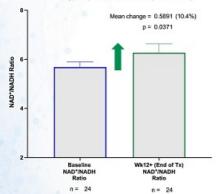


Phase 2 Results Repair PD **₹** Repair**MS**

CNM-Au8 | Improved Brain Energy Metabolism Increased NAD+/NADH Ratio in MS & PD Patients



REPAIR Integrated Analysis 31P-MRS Change in Brain NAD*/NADH Ratio at End of Treatment Partial Volume Col; Ratio of NAD*/NADH (% Fraction of NAD*/ % Fraction NADH) Primary Endpoint, Mean ± SEM (Paired t-test)



2° Endpoints

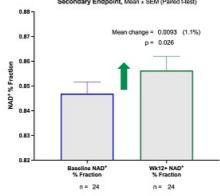
0.17

0.15 0.14

0.12

Baseline NADH % Fraction

REPAIR Integrated Analysis 31P-MRS Change in Brain NAD¹ % Fraction at End of Treatment Partial Volume Coli; % Fraction of NAD¹, (NAD¹, NADH Couple) Secondary Endpoint, Mean a SEM (Paired t-lest)



REPAIR Integrated Analysis 31P-MRS Change in Brain NADH % Fraction at End of Treatment Partial Volume Coit, % Fraction of NADH, (NAD+, NADH Couple) Secondary Endpoint, Mean ± SEM (Paired Hest) Mean change = -0.0093 (-6.1%) p = 0.026

NAD is an essential molecule responsible for cellular energy production



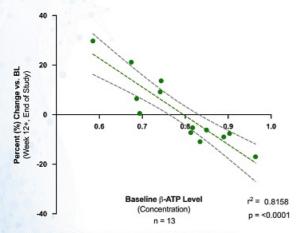
Wk12+ NADH % Fractio



CNM-Au8 | Treatment Normalized Key Markers of Brain Metabolism in PD Patients

Exploratory Endpoint

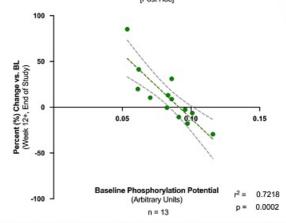
³¹P-MRS Change in β-ATP at End of Study Full Volume Coil ³¹P Signal Area (Integral) Percent (%) Change from Baseline at End of Study



β-ATP is used by the cell to maintain cellular metabolism and normal function

Post Hoc Endpoint

31P-MRS Change in Phosphorylation Potential Full Volume Coil 31P Signal Area (β-ATP, Pi⁽ⁱⁿ⁾) β-ATP/ADP * Intracellular Phosphate [Pi⁽ⁱⁿ⁾] Percent (%) Change from Baseline at End of Study [Post Hoc]



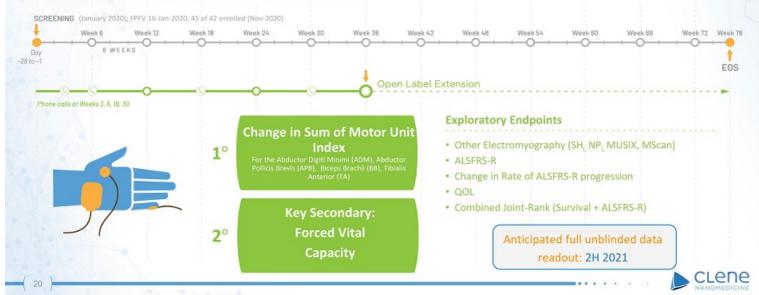
Phosphorylation potential is the amount of available phosphorous that can be used to make ATP in times of stress or high metabolic activity





Randomized, Double-Blind, Placebo-Controlled Study in Early Symptomatic Amyotrophic Lateral Sclerosis Patients on Stable Background Therapy to Assess Bioenergetic Catalysis with CNM-Au8 to Slow Disease Progression in ALS

36-Week Treatment Period (n=42) 30mg, Placebo



Electromyography | Sensitive Biomarker Predictive of Clinical Progression

Predictive Endpoints of Disease Progression

• Loss of Motor Units Motor Unit Index (MUNIX)

Disease Progression

• ALSFRS-R

• Pulmonary Function (Vital Capacity)

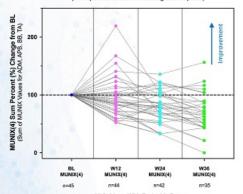
• Mortality

• Mortality



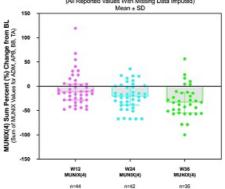
Emerging Evidence Predictive of Clinical Efficacy | MUNIX(4) Sum Change

Blinded Data: MUNIX(4) Sum Percent (%) Change from BL 15-March-2021 Data Cut; Imputed Values; Preliminary Blinded Data (All Reported Values With Missing Data Imputed)



All Subjects With Evaluable Data By Completed Study Visit (Missing Data Imputed by Linear Regression per Subject; Mertality Imputed with Worst % Change from BL)

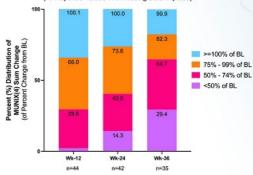
Blinded Data: MUNIX(4) Sum Percent (%) Change from BL 15-March-2021 Data Cut; Imputed Values; Preliminary Blinded Data (All Reported Values With Missing Data Imputed) Mean ± SD



All Subjects With Evaluable Data
By Completed Study Visit
(Missing Data Imputed by Linear Regression per Subject;
Mortally Imputed with Worst % Change from BL)

Distribution of MUNIX(4) Sum Percent (%) Change from BL

15-March-2021 Data Cut; Preliminary Blinded Data (All Reported Values With Missing Data Imputed)



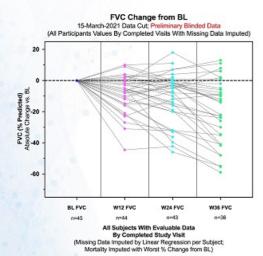
All Subjects With Evaluable Data By Completed Study Visit (Missing Data Imputed by Linear Regression per Subject Mortality Imputed with Worst % Change from BL)

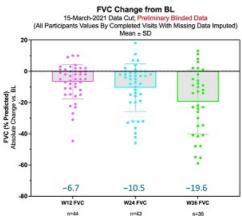
Robert Glanzman MD FAAN, et al. "A Blinded Interim Update on RESCUE-ALS: A Randomized, Placebo-Controlled, Phase 2 Study to Determine the Effects of CNM-Au8 to Slow Disease Progression in Amyotrophic Lateral Sclerosis" Presented at ENCALS 2021 Virtual Meeting, 12-May-2021.





Slower Rate of Vital Capacity Loss Than Comparable RESCUEALS Clinical Trial Datasets





SVC Avg. Slope Decline (% points/month)	Slope Est. (9-months)
Empower (-2.73%)	-24.6%
Benefit (-2.74%)	-24.7%
PRO-ACT (-2.90%)	-26.1%

Andrews et al. JAMA Neurol. 2018;75(1):58-64.

Robert Glanzman MD FAAN, et al. "A Blinded Interim Update on RESCUE-ALS: A Randomized, Placebo-Controlled, Phase 2 Study to Dete

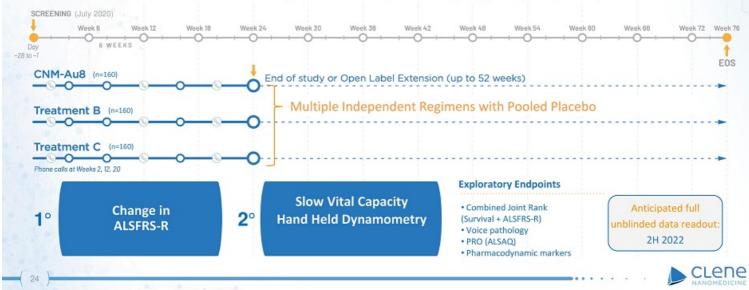
Progression in Amyotrophic Lateral Sclerosis" Presented at ENCALS 2021 Virtual Meeting, 12-May-2021.

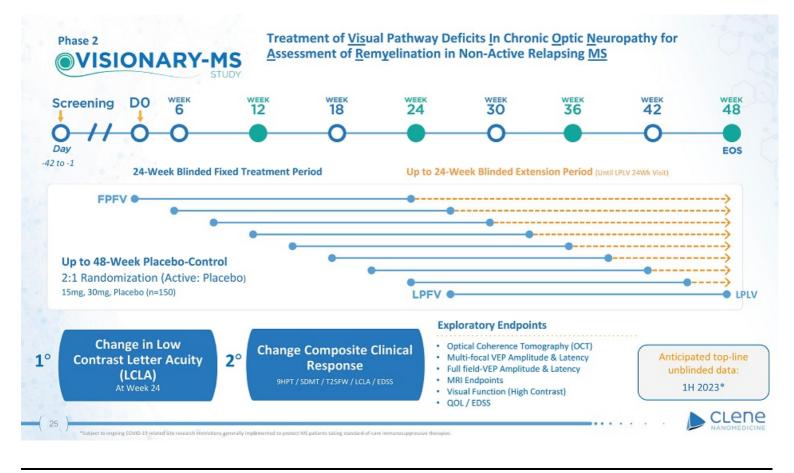




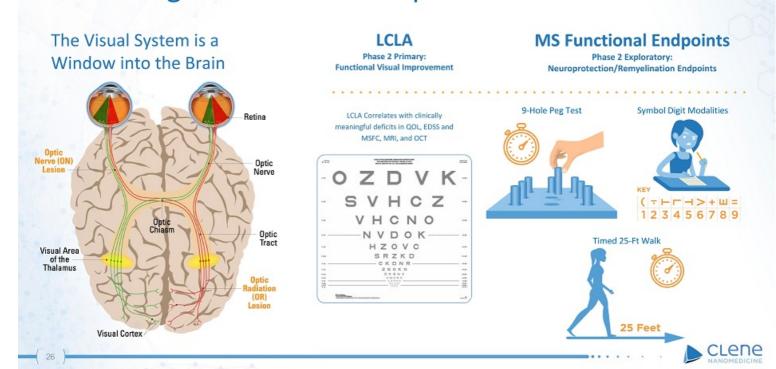
A Multi-center, Randomized Double-Blind, Placebo-Controlled Clinical Trial Assessing the Efficacy, Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of CNM-Au8 in Participants with Amyotrophic Lateral Sclerosis

Registration Study: 24-Week Treatment Period (3:1 randomization, 120 active [30mg, 60mg]: 40 placebo)





Measuring MS Functional Improvement



Phase 2 VISIONARY-MS

Emerging Evidence of Clinical Improvement

LCLA (Best-Corrected)

SDMT

6-Component Integrated (m)MSFC

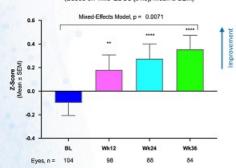






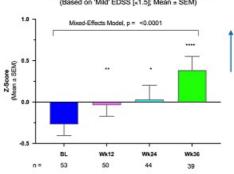


LCLA (All Eyes) Z.Score 13-January-2021 Data Cut, Preliminary Blinded Data (Based on 'Mild' EDSS [s1.5]; Mean ± SEM)

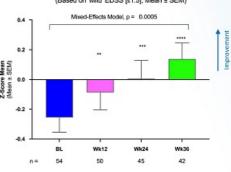


SDMT Z.Score

13-January-2021 Data Cut, Preliminary Blinded Data
(Based on 'Mild' EDSS [x1.5]; Mean ± SEM)



(m)MSFC 6-component Average Z.Score 13-January-2021 Data Cut, Preliminary Blinded Dat (Based on 'Mild' EDSS [s.1.5]; Mean ± SEM)



Z-Score change compared to the least-affected patients at Baseline (with EDSS <= 1.5)

All Available Values (by Completed Subject Visit)
Mixed Effects Model, Dunnett's test for multiplicity;

* p<0.05, ** p<0.01, *** p<0.001, **** p<0.001, **** p<0.0001

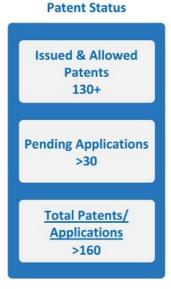


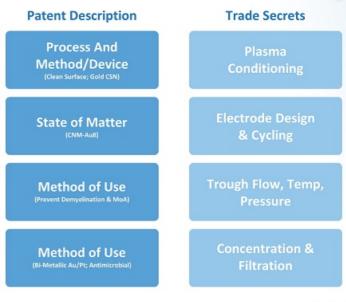
Glanzman, R., H. Beadnall, M. T. Hotchkin, A. Klatomer, M. Barnett, R. Sergott, A. Bynders, K. S. Ho, and Mark G. Mortenson. "Update to a Phase 2 clinical trial of catalytic gold nanocrystals, CNM-Au8, for the treatment of chronic optic neuropathy." Presented at the ACTRIMS Forum 2021, February 26, 2021.

Strong Intellectual Property

Extensive Patent Portfolio With Protection Through 2035^a & Proprietary Trade Secrets; Plus 7-year Orphan Drug Designation







clene

³ With Patent Restoration Term (assuming 5-year extension).



Clene | Proprietary Nanocrystal Manufacturing

In-House ISO8 Clean Room Clinical Production in North East, MD

Designed to be Scalable to Commercialization

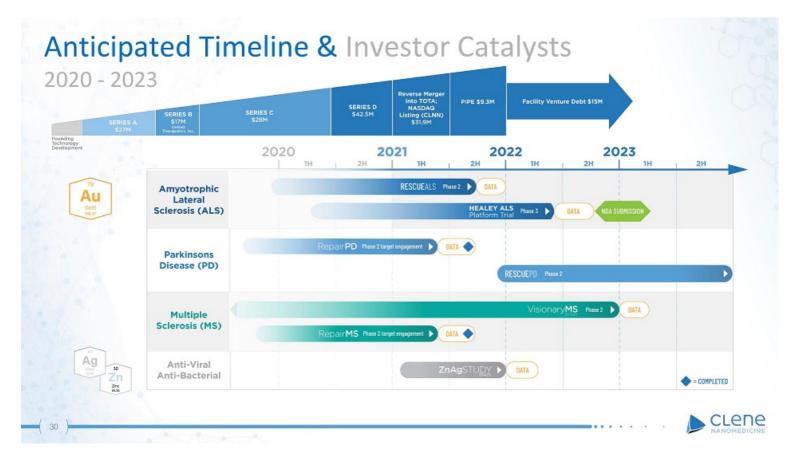
Patented Hydro-electro-Crystallization

Proprietary Trade Secrets

Validated CMC Processes







CLENE | Investment Highlights



Lead Asset: CNM-Au8 for Neuro Repair

- Energy enhancing nanotherapeutic
- Robust Preclinical Remyelination & Neuroprotection Data Across Multiple Animal Models in:
 - or MS
 - ₪ ALS, and
 - ☑ Parkinson's Disease
- NOAEL Findings From All Toxicity Studies
- Acceptable Phase 1 Safety Profile
- >90 Weeks Exposure in Clinical Trials; >100 Weeks in ALS Expanded Access (EAP)

Unmet Medical Need & Market

Opportunity

- No Effective Disease-Modifying Drugs for ALS or PD
- No MS Therapies Clinically Impact Remyelination & Neurorepair
- Remyelination and Neurorepair Sales Could Exceed \$10B per annum¹
 - ALS is a Lethal Motor
 Neuron Disease With
 Suboptimal Therapies
- ত PD is Highly Prevalent With No Disease Modifying Treatments

Clinical Development Pipeline

- Two Phase 2 Brain Target Engagement Studies in PD and MS with Top Line Results Reported Aug 2021
- Three Phase 2 POC Studies in ALS, MS, and COVID with Results Anticipated in the next 12-18 Months
- Phase 3 ALS Registrational Trial in with Full Results Anticipated in mid- 2022
- Ongoing ALS Early Access Program
- USA FDA Granted ALS Orphan Drug Designation

8

CNM-ZnAg for COVID-19

- Zinc-Silver Antiviral + Immune Support
- Phase 2 Trial in Brazil To Treat Acutely Symptomatic Non-Hospitalized COVID-19 Patients Underway
 - ☑ 1st Endpoint: Prevention of Hospitalization
 - g 2nd Endpoint: Time to Symptomatic Improvement (Up to 28 Days)
- Results Anticipated 1H 2022

Strong IP Portfolio

- 130+ Issued Patents Worldwide; 30+ Pending Patent Applications
 State of Matter Claims
- Cover Myelin Protection Mechanisms, Remyelination, and Neuroprotection to 2035 (with Patent Restoration Term)
- Manufacturing Device and Process Patents to 2030 and Beyond

Einancial

- CLNN (NASDAQ)
- \$31.9M USD (Gross) Raised via SPAC merger + PIPE (2020)
- Cash on Hand at end of Q2 2021 of \$63.0M (Unaudited)
- Anticipated Cash Runway to EOY 2022
- \$114M USD Raised Privately (Series A-D)
- +\$16.7M in Additional Grant and Indirect Financial Support for ALS and MS Phase 2 & 3 Clinical
- \$24.3M USD (Gross) Raised via PIPE + Venture debt for MFG (2021)

CLENE



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