

COMPANY

Rating: BUY

Target: \$6.50

ALZN

\$0.22

(from \$6.25)

Ticker:

Price:

UPDATE

Alzamend Neuro, Inc.

Q1 about inline. Expect positive clinical trials progress in FY24 for AL001 and AL002 for Alzheimer's to drive stock. Raising P/T to \$6.50.

Q1 about inline: Alzamend recently (on September 13) reported its fiscal Q1 2024 (ending July) results. Net loss was \$3.5 million or EPS of \$(0.04), which compared with our estimates of \$(0.04). There was no Q4 guidance. Alzamend is an early/clinical stage drug development company so it generates no

Operating expenses: Operating expenses were \$3.5 million, vs. \$3.3 million in Q4 FY23.

No guidance: Management did not provide forward guidance, but we believe ~\$4 million to be a reasonable near term quarterly cash burn rate.

Maintaining estimates: We are maintaining our FY24 EPS estimate of \$(0.20).

Focus on Alzheimer's: Alzamend has two novel therapeutic drug candidates for Alzheimer's disease. Alzheimer's disease is a progressive neurologic disease that causes brain cells to die and memory or other cognitive impairments. Alzheimer's is the leading cause of dementia, a decline in mental functions that negatively affects a person's ability to function independently. Of the ten most fatal diseases in the U.S., Alzheimer's is the only one with no known cure, ability to slow progression, or means of prevention.

AL001: AL001 is a patented ionic cocrystal technology delivering a therapeutic combination of lithium, proline, and salicylate to help combat Alzheimer's by preventing cognitive deficits, depression, irritability, and improving associative learning and memory.

AL002: AL002 is a patented method using a mutant peptide sensitized cell as a cell-based therapeutic vaccine that seeks to restore the ability of a patient's immunological system to combat Alzheimer's.

Positive Top-line data for Phase 2 clinical trial for AL001: In May 2022, the company initiated a Phase 2 study for AL001 involving Alzheimer's patients. In June 2023, the company reported positive Top-line results from this study.

Planned studies: The company has two more Phase II clinical studies for AL001 for Alzheimer's patients expected to start by Q1 2024. The company has received positive Pre-IND response from FDA for AL001 for the treatment of Bipolar Disorder (BD), Major Depressive Disorder (MDD), and Post-Traumatic Stress Disorder (PSTD). The company has filed an IND for BD in August and plans to file IND for MDD and PTSD in Q4 and to start clinical trials shortly after.

AL002 trial started: The company has started its clinical trials for AL002 (in April 2023) to treat mild to moderate dementia of the Alzheimer's type.

Clinical trials can be catalyst: Alzamend anticipates starting/finishing its various clinical trials over the next year (in FY24/25). We believe achieving key milestones and positive data will likely be catalysts for the stock.

Balance sheet: In Q1, the company had \$2 million in cash and no debt. The company expects to receive \$15 million in cash in 2023 from a note receivable from a prior sale of stock that is due December 31, 2023.

Positive high risks versus high rewards: Alzamend's 2 drugs have long development roads and the high risks of clinical trials failures, but we believe the "billion dollars market potential presents high rewards for the risks.

Current valuation attractive: We are maintaining our BUY rating, but raising our 12-month price target to \$6.50 from \$6.25, based on a NPV analysis, representing significant upside from the current share price. We believe this valuation fairly balances out the high risks with large upside opportunities.

Company Description

Based in Atlanta, GA, Alzamend Neuro is a clinical-stage biopharmaceutical company focused on discovering and developing novel medicines to prevent, treat, and cure Alzheimer's.

United States Healthcare

September 15, 2023

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Stock Data

Exchange: NasdagCM \$0.21 - 1.50 52-week Range: Shares Outstanding (million): 98 Market cap (\$million): \$22 EV (\$million): \$20 Debt (\$million): \$0 Cash (\$million): \$2 Avg. Daily Trading Vol. (\$million): \$0.2 Float (million shares): 68 Short Interest (million shares): 0.2 Dividend, annual (yield): \$0 (NA%)

Revenues (US\$ million)

2024E	2024E	2025E	2025E
(Cur.)	(Old)	(Cur.)	(Old)
0A	0E	0E	
0E		0E	
0E		0E	
<u>0E</u>		<u>0E</u>	
0E		0E	
N/A		N/A	
	(Cur.) OA OE OE OE	(Cur.) (Old) OA OE OE OE OE OE	(Cur.) (Old) (Cur.) OA OE OE OE OE OE OE OE OE OE OE OE

Earnings per Share (pro forma)

	2024E (Cur.)	<u>2024E</u> (Old)	<u>2025E</u> (Cur.)	2025E (Old)
Q1 Jul	(0.04)A	(0.04)E	(0.05)E	(0.06)E
Q2 Oct	(0.05)E		(0.05)E	
Q3 Jan	(0.06)E		(0.05)E	
Q4 Apr	(0.06)E		(0.05)E	
Total	(0.20)E		(0.20)E	
P/E	N/A		N/A	

Important Disclosures

Ascendiant Capital Markets LLC seeks to do business with companies covered by its research team. Consequently, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making an investment decision.

For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report, beginning on page 14.



Exhibit 1: Alzamend Neuro Overview

INTRODUCTION

Company Overview

Company History

Early clinical-stage biopharmaceutical company dedicated to:

- Researching, developing and commercializing preventions, treatments and cures for neurodegenerative diseases and psychiatric disorders.
- Working on two therapeutics licensed from the University of South Florida Research Foundation, Inc., one of the top 20 institutions in the nation for patented research and their portfolio of proprietary solutions.

Current Pipeline

AL001 (aka LISPRO):

 an ionic cocrystal of lithium for the potential treatment of Alzheimer's Disease, BD, MDD and PTSD.

ALZN002 (aka E22W):

 a cell-based therapeutic vaccine that seeks to restore the ability of the patients' immunological system to combat Alzheimer's Disease.

Source: Company reports.

Exhibit 2: Alzheimer's Disease

OVERVIEW OF ALZHEIMER'S DISEASE

Alzheimer's Disease





Key Statistics:

7th leading cause of death in the United States

Between 2000 and 2019, deaths from heart disease have decreased 7.3% while deaths from Alzheimer's Disease have increased 145%

13 million Americans are projected to be living with Alzheimer's Disease by 2050

1-in-9 Americans over the age of 65 are estimated to be afflicted with Alzheimer's Disease



Alzheimer's Disease:

Alzheimer's Disease is an irreversible, progressive brain disorder that slowly destroys memory and cognitive skills, and eventually the ability to carry out the simplest tasks.

In most people with Alzheimer's Disease, symptoms first appear in their early to mid-60's. Estimates vary, but experts suggest that more than **6.5** million Americans may have Alzheimer's Disease, considered by many as "the most feared" disease.

Alzheimer's Disease has **no current cure**, but five treatments for symptoms are available today while research continues.



Exhibit 3: Alzamend Neuro Product Pipeline (as of July 2023)

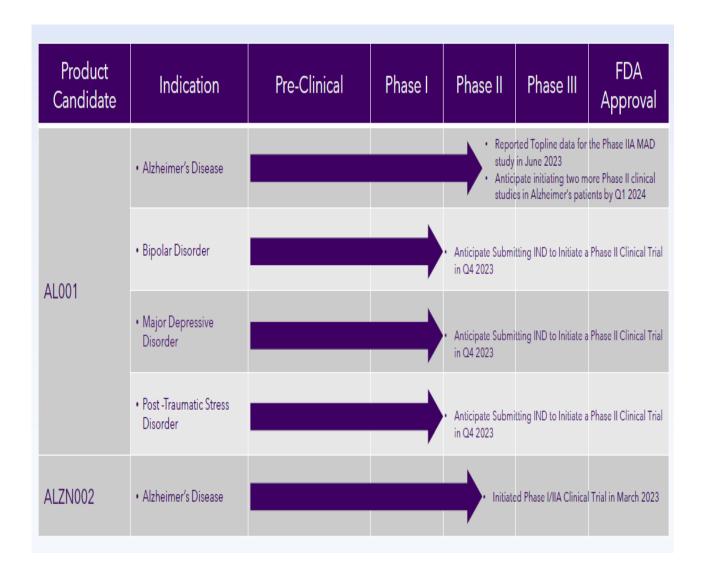
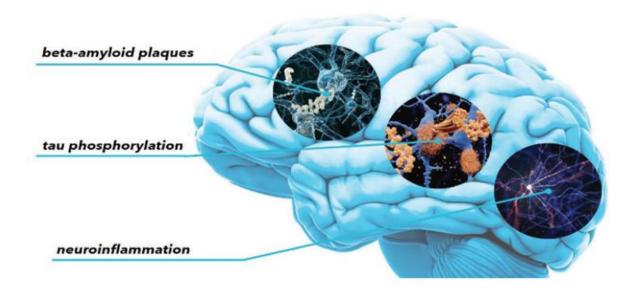




Exhibit 4: Biomarkers of Alzheimer's Disease

Alzamend Neuro, Inc.

Biomarkers of Alzheimer's Disease



Our lead product candidate that we have licensed and will first move to clinical development in humans is an ionic cocrystal of lithium for the treatment of Alzheimer's and other neurodegenerative diseases and psychiatric disorders.



Exhibit 5: What is Alzheimer's Disease?



Alzheimer's is a brain disease that causes problems with memory, thinking and behavior.

The brain has three main parts:



The **cerebrum** fills up most of your skull. It is involved in remembering, problem solving, thinking, and feeling. It also controls movement.



The **cerebellum** sits at the back of your head, under the cerebrum. It controls coordination and balance.



The **brain stem** sits beneath your cerebrum in front of your cerebellum. It connects the brain to the spinal cord and controls automatic functions such as breathing, digestion, heart rate and blood pressure.

Alzheimer's Changes the Whole Brain

Alzheimer's disease leads to nerve cell death and tissue loss throughout the brain. Over time, the brain shrinks dramatically, affecting nearly all its functions.

These images show:



A brain without the disease.



A brain with advanced Alzheimer's.



How the two brains compare.

Source: Alzheimer's Association



Exhibit 6: AL001 (LISPRO)

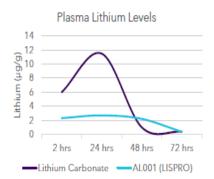
OUR SCIENCE - NON-CLINICAL

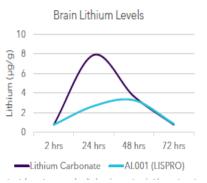
AL001 (aka LISPRO)



Lithium carbonate

- Narrow therapeutic window that requires regular blood monitoring of plasma lithium levels and blood chemistry by a clinician to mitigate adverse events
- Multiple administrations
 throughout the day are required to safely reach therapeutic plasma concentrations
- Suffer from chronic toxicity, poor physicochemical properties and poor brain bioavailability







- AL001 is a patented ionic cocrystal technology delivering a therapeutic combination of lithium, proline and salicylate
- AL001 exhibits improved non-clinical pharmacokinetics and bioavailability compared to the currently FDA approved lithium drugs on the market
- AL001 exhibits improved non-clinical brain bioavailability, without demonstrating an initial spike in lithium concentration that is associated with negative side effects of treatment
- AL001 nonclinical brain penetration/ persistence may translate to patients resulting in lithium dose sparing properties with enhanced overall safety and reduced or eliminated need for therapeutic drug monitoring.



Exhibit 7: AL001 (LISPRO) Preclinical Studies

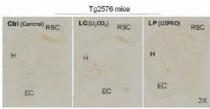
OUR SCIENCE - NON-CLINICAL

AL001 (aka LISPRO)



The results of our preclinical studies, conducted from May 2016 to June 2017, are summarized below:

- AL001 had no effect on renal COX2 activity (Tg-Ctrl vs. AL001: p > 0.05), a biomarker of renal toxicity, while markedly reducing abnormal biomarkers associated with Alzheimer's Disease by 50%; beta-amyloid pathology, tau phosphorylation and neuro-inflammation (Tg-Ctrl vs. AL001: p < 0.01)(FIGS. 14A/B-15A/B).
- AL001 treatment did not induce tissue pathological damage in the heart, kidneys, liver or lungs by a general autopsy (Tg-Ctrl vs. AL001: p > 0.05). In contrast, equimolar doses (using a similar structure of moles but different active pharmaceutical ingredient) of lithium carbonate enhanced renal COX2 expression while having little or no impact on Alzheimer's Disease pathology (Tg-Ctrl vs. LC: p < 0.01).
- AL001, at the effective dose, yielded 50% higher lithium levels (LC vs. AL001; p <0.01) in the brain compared with equimolar doses of lithium carbonate (AL001 vs. LC; p <0.05), while producing low nontoxic steady state levels in the body.



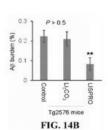
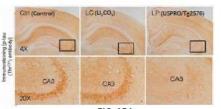


FIG. 14A FIG. 14A & 14B: Beta Amyloid Burden



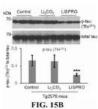


FIG. 15A FIG. 15A & 15B: Tau Phosphorylation Burden

Source: Company reports.

Exhibit 8: AL001 (LISPRO) Phase IIA Trial

AL001 Phase IIA Trial



Study No.	Study Title	Description	Status
AL001-ALZ02 (US)	A Multiple-dose, Steady-state, Double- blind, Ascending Dose Safety, Tolerability, Pharmacokinetic Study of AL001 in Patients with Mild to Moderate Alzheimer's Disease and Healthy Adult Subjects	Primary: To evaluate the safety and tolerability of AL001 under multiple-dose, steady-state conditions in Alzheimer's subjects and healthy adult subjects Secondary: To characterize the maximum tolerated dose (MTD) of AL001 in subjects with mild to moderate Alzheimer's Disease and healthy adult subjects Exploratory: To explore the difference in pharmacokinetic profile between the non-elderly vs. elderly subjects (healthy subjects only). For Alzheimer's Disease subject cohorts (Cohorts 1,2b, 3b, 4b, and 5b), determination of qualitative and quantitative evaluations of Alzheimer's Disease subject desirable characteristics for future Phase II and III clinical studies in order to: Facilitate recruitment into subsequent AL001 clinical trials Facilitate trial-adherence to completion of study requirements including treatment adherence	Reported Topline data of Phase IIA Multiple Ascending Dose Clinical Trial in June 2023. (www.clinicaltrials.gov, identifier: NCT05363293)

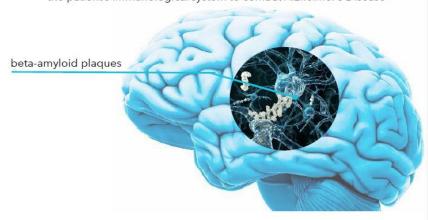


Exhibit 9: AL002 (E22W)

AL002 (CAO22W)



A cell-based therapeutic vaccine which seeks to restore the ability of the patient's immunological system to combat Alzheimer's Disease



Hypothesis:

- AL002 is intended to elicit an immune response to produce anti-amyloid antibodies, which can then neutralize circulated beta-amyloids and prevent additional plaque build-up.
- AL002 is a patient-specific therapy where the patient undergoes leukapheresis, a nonsurgical treatment used to reduce the quantity of white blood cells in the bloodstream, to isolate peripheral blood monocytes that are subsequently matured into dendritic cells ("DCs") using an IL4+ GM-CSF cocktail.
- The DCs are incubated with a modified amyloid beta (Aβ) peptide ("AL002 peptide") to sensitize them, and then administered to the same patient.

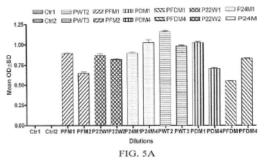
Source: Company reports.

Exhibit 10: Overview of AL002 (E22W)

OUR SCIENCE - NON-CLINICAL

Overview of AL002 (aka E22W)





- Our goal is to develop an Alzheimer's Abeta vaccine candidate that will be devoid of the problems associated with current vaccine therapies.
 Our studies concluded the successful vaccination of mice with adjuvant-free mutated beta amyloid peptides have significant advantages over both native beta amyloid and the use of adjuvant.
- 10 weeks old female BALB/c mice were housed in Varian standard cages including amber igloos and vaccinated when 14 weeks old.
- Differently mutated Abeta 1.42 peptides were used for each group and a 1times.PBS (also containing 10% DMSO) as a control group.

The Results

- Mice vaccinated with various mutated Abeta 1-42 peptides induce antibody responses after two inoculations, while no antibody can be detected in the control group (FIG. 5A).
- All antibodies induced by the peptide injection bind to the same epitope. There is no difference in recognition between the various anti-sera and peptides such that all anti-sera recognize the 1-16 epitope on all peptides.
- Demonstrate definite advantages over previous vaccination protocols, which strongly support our Adjuvant-Free Vaccine Hypothesis.
- The data clearly show that wild type and mutated Abeta peptide administrated without adjuvant induce a strong and long-lasting antibody response.
- The first use of adjuvant-free Abeta as Alzheimer's vaccine and demonstration that T-cell epitope mutation will contribute to either Th1 or Th2 response. Those peptides will have an outstanding promise for the treatment of Alzheimer's Disease.



Exhibit 11: ALZN002 Phase I/IIA Trial

Study No.	Study Title	Description	Status
ALZN002- ALZ (US)	A Randomized, Double-blind, Placebo- controlled, Parallel group, Phase I/IIA Study to Assess the Safety, Tolerability, and Efficacy of Autologous Amyloid Beta Mutant Peptide- Pulsed Dendritic Cells (ALZN002) in Subjects with Mild-to-Moderate Dementia of the Alzheimer's Type	 Primary: To assess the safety and tolerability of ALZN002 compared with placebo when administered as IV infusion and ID injection in subjects with mild to moderate AD Secondary: To evaluate the immunogenicity of ALZN002 specific to generation of anti-Aβ antibodies To determine the effect of ALZN002 on Amyloid-Related Imaging Abnormalities (ARIA) as a putative biomarker of treatment safety Exploratory: To assess the utility of multiple immune biomarkers as surrogates for safety and efficacy of ALZN002. To assess the preliminary efficacy of ALZN002 treatment on amyloid markers as observed by amyloid positron emission tomography (PET). 	Phase I/IIA Clinical Trial Initiated in March 2023 (www.clinicaltrials.gov, identifier: NCT05834296).

Source: Company reports.

Exhibit 12: Market Opportunity for AL001 and AL002

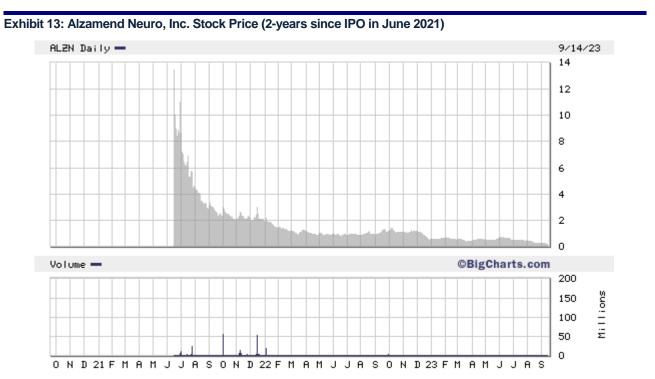
COMPETITIVE LANDSCAPE

Overview of Market Opportunity for AL001 and AL002



Patient Population	United States	Global (Including US)
MDD	21 Million ¹	280 Million ²
PTSD	9 Million ¹	284 Million ²
Alzheimer's Disease	6.5 Million ¹	55 Million ²
BD	7 Million ¹	45 Million ²
Total Patient Population	43.5 Million	664 Million





Source: https://bigcharts.marketwatch.com/

Exhibit 14: Co	nsensus Expectation	s (as of September 1	4, 2023)		
	Revenue (mil)			EPS	
	<u>2024E</u>	2025E		<u>2024E</u>	<u>2025E</u>
Q1 Jul	\$0A		Q1 Jul	\$(0.04)A	
Q2 Oct	\$0E		Q2 Oct	\$(0.04)E	
Q3 Jan	\$0E		Q3 Jan	\$(0.05)E	
Q4 Apr			Q4 Apr		
Total	\$0E	\$0E	Total	\$(0.17)E	\$(0.21)E

^{*}Quarterly estimates may not add to annual estimates due to variations in contributing estimates and rounding.

Source: Company report, Refinitiv, and Ascendiant Capital Markets estimates



FINANCIAL MODEL

Alzamend Neuro, Inc.

ncome Statement (\$ mils)			Jan-22		2022		Oct-22		Apr-23	2023			Jan-24	•	2024	Jul-24			Apr-25	
Fiscal Year End: April 30	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2E	Q3E	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E
Total Revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cost of Revenues	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross Profit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Research and development	0.9	1.8	0.9	1.7	5.2	1.4	1.5	2.9	1.6	7.4	2.4	3.0	3.5	3.5	12.4	3.5	3.0	3.0	3.0	12.5
General and administrative	1.4	1.8	1.7	2.2	7.1	1.7	1.6	2.5	1.7	7.4	1.2	2.0	2.0	2.0	7.2	2.0	2.0	2.0	2.0	8.0
Restructuring and other					0.0					0.0					0.0					0.0
Total operating expenses	2.3	3.6	2.6	3.9	12.3	3.0	3.1	5.4	3.3	14.9	3.5	5.0	5.5	5.5	19.5	5.5	5.0	5.0	5.0	20.5
Operating income (loss)	(2.3)	(3.6)	(2.6)	(3.9)	(12.3)	(3.0)	(3.1)	(5.4)	(3.3)	(14.9)	(3.5)	(5.0)	(5.5)	(5.5)	(19.5)	(5.5)	(5.0)	(5.0)	(5.0)	(20.5
Interest income (expense)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0	0.0
Other income (expense)				0.0	0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income before income taxes	(2.3)	(3.6)	(2.6)	(3.9)	(12.4)	(3.0)	(3.1)	(5.4)	(3.3)	(14.9)	(3.5)	(5.0)	(5.5)	(5.5)	(19.5)	(5.5)	(5.0)	(5.0)	(5.0)	(20.5
Income taxes					0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income (loss)	(2.3)	(3.6)	(2.6)	(3.9)	(12.4)	(3.0)	(3.1)	(5.4)	(3.3)	(14.9)	(3.5)	(5.0)	(5.5)	(5.5)	(19.5)	(5.5)	(5.0)	(5.0)	(5.0)	(20.5
Nonrecurring/noncash adjustme		(0.0)	(0.0)	(0.0)	0.0	(0.0)	(0.4)	(F. A)	(0.0)	0.0	(0.E)	(F.0)	(5.5)	(5.5)	0.0	(5.5)	(F.0)	(F.0)	(5.0)	0.0
Net income (pro forma)	(2.3)	(3.6)	(2.6)	(3.9)	(12.4)	(3.0)	(3.1)	(5.4)	(3.3)	(14.9)	(3.5)	(5.0)	(5.5)	(5.5)	(19.5)	(5.5)	(5.0)	(5.0)	(5.0)	(20.5
EBITDA	(1.6)	(2.3)	(1.4)	(2.6)	(7.9)	(2.2)	(2.4)	(3.9)	(2.8)	(11.3)	(3.1)	(4.6)	(5.1)	(5.1)	(18.0)	(5.1)	(4.6)	(4.6)	(4.6)	(19.0
Shares, Basic	84.6	93.5	94.2	94.2	89.1	97.5	97.5	98.3	96.9	97.5	98.4	98.9	99.4	99.9	99.2	100.4	100.9	101.4	101.9	101.2
Shares, Diluted	84.6	93.5	94.2	94.2	89.1	97.5	97.5	98.3	96.9	97.5	98.4	98.9	99.4	99.9	99.2	100.4	100.9	101.4	101.9	101.2
EPS Basic (pro forma)	(\$0.03)	(\$0.04)	(\$0.03)	(\$0.04)	(\$0.14)	(\$0.03)	(\$0.03)	(\$0.06)	(\$0.03)	(\$0.15)	(\$0.04)	(\$0.05)	(\$0.06)	(\$0.06)	(\$0.20)	(\$0.05)	(\$0.05)	(\$0.05)	(\$0.05)	(\$0.20
EPS Diluted (pro forma)	(\$0.03)	(\$0.04)	(\$0.03)	(\$0.04)	(\$0.14)	(\$0.03)	(\$0.03)	(\$0.06)	(\$0.03)	(\$0.15)	(\$0.04)	(\$0.05)	(\$0.06)	(\$0.06)	(\$0.20)	(\$0.05)	(\$0.05)	(\$0.05)	(\$0.05)	(\$0.20
Margins																				
Gross margin Research and development																				
General and administrative																				
Operating margin	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NN
Tax rate, GAAP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Net margin	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NN
Y/Y % change Total Revenue																				
Gross margin Research and development					297%	50%	-12%	231%	-1%	43%	72%	96%	21%	112%	66%	48%	0%	-14%	-14%	19
General and administrative					297% 95%	19%	-12%	51%	-25%	43% 4%	-30%	96% 27%	-21%	21%	-4%	72%	0%	-14%		
					149%	32%	-14%	112%	-25% -15%	4% 21%	-30% 16%	61%	-21% 1%	66%	31%	72% 56%	0%	-9%	-9%	
Operating income (loss)					149%	32%	-13% -14%	112%	-15% -15%	21%	16% 16%	61%	1% 1%	66%	31%	56% 56%	0% 0%	-9% -9%	-9% -9%	
Net income (loss) EPS Diluted (pro forma)					100%	14%	-17%	102%	-17%	10%	15%	58%	0%	61%	29%	53%	-2%	-11%		

Source: Company reports and Ascendiant Capital Markets estimates.



Alzamend Neuro, Inc.

Balance Sheet (\$ mils)	Jul-21	Oct-21	Jan-22	Apr-22	Jul-22	Oct-22	Jan-23	Apr-23	Jul-23	Oct-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-2
iscal Year End: April 30	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1A	Q2E	Q3E	Q4E	Q1E	Q2E	Q3E	Q4E
Assets																
Cash and cash equivalents	15.6	13.6	11.8	14.1	11.5	9.2	7.4	5.1	1.7	(2.9)	(8.0)	(13.3)	(18.4)	(23.2)	(20.4)	(32.
Short term investments	15.6	13.0	11.0	14.1	11.5	9.2	7.4	5.1	1.7	0.0	0.0	0.0	(10.4)	0.0	(28.1)	(32.
Deferred income taxes										0.0	0.0	0.0	0.0	0.0	0.0	0.
Prepaid expenses and other	1.2	0.9	0.6	0.3	0.6	1.2	1.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0
Total current assets	16.8	14.5	12.4	14.4	12.1	10.3	<u>1.0</u> 8.4	5.8	2.4	(2.2)	(7.3)	(12.6)	(17.7)	(22.5)	(27.4)	(32
Total current assets	10.0	14.5	12.4	14.4	12.1	10.3	0.4	5.0	2.4	(2.2)	(7.3)	(12.0)	(17.7)	(22.5)	(27.4)	(32
Property and equipment, net	ı			0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.7	0
Intangibles, net										0.0	0.0	0.0	0.0	0.0	0.0	C
Deferred income tax										0.0	0.0	0.0	0.0	0.0	0.0	C
<u>Other</u>										0.0	0.0	0.0	0.0	0.0	0.0	0
Total assets	16.8	14.5	12.4	14.5	12.2	10.4	8.5	5.9	2.6	(2.0)	(7.1)	(12.3)	(17.4)	(22.0)	(26.7)	(31
Lishilities and steel-haldons' smith.																
Liabilities and stockholders' equity		4.4	0.5	4.0	1.0	0.6	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	_
Accounts payable	1.1	1.1	0.5	1.2	1.0	0.6	2.6	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2
Accrued expenses	0.1	0.0	0.0	0.0						0.0	0.0	0.0	0.0	0.0	0.0	(
Deferred income tax						4.0				0.0	0.0	0.0	0.0	0.0	0.0	0
Other	0.0	0.0				1.0				0.0	0.0	0.0	0.0	0.0	0.0	0
Short term debt	0.3	0.3 1.5	0.5	4.0	4.0	4.0				0.0	0.0 2.7	0.0	0.0	0.0 2.7	0.0 2.7	0
Total current liabilities	1.5	1.5	0.5	1.2	1.0	1.6	2.6	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2
Deferred income taxes	ı									0.0	0.0	0.0	0.0	0.0	0.0	0
Warrant liabilities										0.0	0.0	0.0	0.0	0.0	0.0	C
Other long term liabilities										0.0	0.0	0.0	0.0	0.0	0.0	C
Long term debt										0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>
Total other liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Preferred stock										0.0	0.0	0.0	0.0	0.0	0.0	0
Common stock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	1.9	2.2	2
Additional paid-in capital	49.4	50.7	52.2	57.4	58.3	59.0	61.5	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62
Retained earnings	(19.2)	(22.8)	(25.3)	(29.2)	(32.2)	(35.3)	(40.8)	(44.1)	(47.6)	(52.6)	(58.1)	(63.6)	(69.1)	(74.1)	(79.1)	(84
Accumulated other comprehensive in	, ,	(22.0)	(20.3)	(23.2)	(32.2)	(30.3)	(40.0)	(44.1)	(47.0)	0.0	0.0	0.0	0.0	0.0	0.0	(04
•	1	(14.0)	(14.0)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	(14.9)	
Other Total stockholders' equity	(<u>14.9)</u> 15.3	(14.9) 13.0	(14.9) 12.0	13.4	11.2	(14.9) 8.8	5.9	3.0	(0.1)	(14.9) (4.7)	(14.9) (9.9)	(14.9) (15.0)	(14.9) (20.1)		(14.9) (29.4)	(14
i otal stockholders' equity	15.3	13.0	12.0	13.4	11.2	8.8	5.9	3.0	(0.1)	(4.7)	(9.9)	(15.0)	(20.1)	(24.8)	(29.4)	(34
Total stockholders' equity and liabil	16.8	14.5	12.4	14.5	12.2	10.4	8.5	5.9	2.6	(2.0)	(7.1)	(12.3)	(17.4)	(22.0)	(26.7)	(31

Balance Sheet Drivers

	Jul-21	Oct-21	Jan-22	Apr-22	Jul-22	Oct-22	Jan-23	Apr-23	Jul-23	Oct-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25
	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1A	Q2E	Q3E	Q4E	Q1E	Q2E	Q3E	Q4E
Book & Cash Value (per share)																
Book Value per Share (diluted)	0.18	0.14	0.13	0.14	0.11	0.09	0.06	0.03	(0.00)	(0.05)	(0.10)	(0.15)	(0.20)	(0.25)	(0.29)	(0.33)
Cash per Share (diluted)	0.18	0.15	0.13	0.15	0.12	0.09	0.08	0.05	0.02	(0.03)	(0.08)	(0.13)	(0.18)	(0.23)	(0.28)	(0.32)
Net cash per Share (diluted)	0.18	0.14	0.13	0.15	0.12	0.09	0.08	0.05	0.02	(0.03)	(0.08)	(0.13)	(0.18)	(0.23)	(0.28)	(0.32)

Source: Company reports and Ascendiant Capital Markets estimates



Alzamend Neuro, Inc.

Cash Flow Statement (\$ mils)			Jan-22	•			Oct-22		-			Oct-23		•				Jan-25	-	
riscal Year End: April 30	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2E	Q3E	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-
Cash flow from operating activi	tion																			
Net income	(2.3)	(3.6)	(2.6)	(3.9)	(12.4)	(3.0)	(3.1)	(5.4)	(3.3)	(14.9)	(3.5)	(5.0)	(5.5)	(5.5)	(19.5)	(5.5)	(5.0)	(5.0)	(5.0)	(20.
Depreciation	(2.3)	(3.0)	(2.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0 (20
Amortization				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Debt related amortization expen	0.0	0.0	(0.0)		0.0					0.0					0.0					0
Stock comp	0.0	1.3	1.1	1.3	4.4	0.9	0.7	1.5	0.5	3.6	0.4	0.4	0.4	0.4	1.5	0.4	0.4	0.4	0.4	1
Deferred income taxes	0.7	1.3	1.1	1.3	0.0	0.9	0.7	1.5	0.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	
	iobility				0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
Change in fair value of warrant I	lability				0.0					0.0					0.0					1
Writedowns and impairments				(0.0)																1 '
Other gains/losses				(0.0)	(0.0) 0.0					0.0					0.0					(
Other					0.0					0.0					0.0					'
Changes in operating assets and I						(0.0)					(0.0)									Ι.
Prepaid expenses & other curre	(0.2)	0.3	0.3	0.3	0.6	(0.2)	0.4	0.1	0.3	0.6	(0.3)	0.0	0.0	0.0	(0.3)	0.0	0.0	0.0	0.0	(
Other assets		(0.0)	(0.0)		0.0	(0.4)				0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	
Accounts payable	0.6	(0.0)	(0.6)	0.8	0.7	(0.1)	(0.4)	2.0	0.2	1.7	(0.1)	0.0	0.0	0.0	(0.1)	0.0	0.0	0.0	0.0	'
Accrued expenses					0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(
Other liabilities					0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
Net cash (used in) provided by	(1.2)	(2.0)	(1.8)	(1.6)	(6.6)	(2.5)	(2.3)	(1.8)	(2.2)	(8.9)	(3.3)	(4.6)	(5.1)	(5.1)	(18.2)	(5.1)	(4.6)	(4.6)	(4.6)	(19
Cash flow from investing activit	ies																			
Purchases of property and equip				(0.1)	(0.1)					0.0	(0.1)	0.0	0.0	(0.1)	(0.3)	0.0	(0.1)	(0.3)	0.0	((
Purchases of short-term investm				()	0.0					0.0	(-1.)			(=:-)	0.0		()	()		`
Acquisitions					0.0					0.0					0.0					
Other					0.0					0.0					0.0					
Net cash used in investing activ	0.0	0.0	0.0	(0.1)	(0.1)	0.0	0.0	0.0	0.0	0.0	(0.1)	0.0	0.0	(0.1)	(0.3)	0.0	(0.1)	(0.3)	0.0	(0
·				` '	, ,						` '			• •	` ′		` '	` '		`
Cash flow from financing activit	ies																			
Issuance of debt					0.0					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
Repayment of debt				(0.1)	(0.1)					0.0					0.0					(
Issuance of stock	14.9	0.0	0.0	4.0	18.9					0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(
Proceeds from stock option exe	0.0	0.0	0.0	0.0	0.0				0.0	0.0					0.0					(
Other					0.0					0.0					0.0					(
Dividends and distributions					0.0					0.0					0.0					(
Cash provided by (used in) fina	14.9	0.0	0.0	3.9	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(
Effect of exchange rate on cash					0.0					0.0					0.0					
Net increase (decrease) in cash	13.7	(2.0)	(1.8)	2.3	12.1	(2.5)	(2.3)	(1.8)	(2.2)	(8.9)	(3.4)	(4.6)	(5.1)	(5.3)	(18.4)	(5.1)	(4.8)	(4.9)	(4.6)	(1
Beginning cash and equivalents		15.6	13.6	11.8	1.9	14.1	11.5	9.2	7.4	14.1	5.1	1.7	(2.9)	(8.0)	5.1	(13.3)	(18.4)	(23.2)	(28.1)	

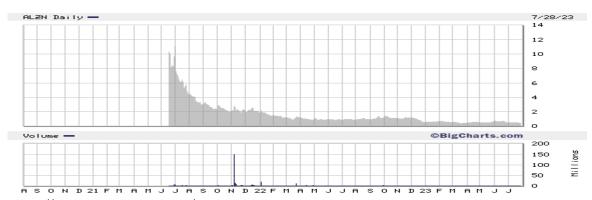
Source: Company reports and Ascendiant Capital Markets estimates



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Alzamend Neuro, Inc.



Source: https://bigcharts.marketwatch.com/

	Report Date		Price
Report	Date	Rating	Target
1	9/30/2021	Buy	8.00
2	12/23/2021	Buy	8.25
3	3/16/2022	Buy	7.50
4	9/18/2022	Buy	7.25
5	12/14/2022	Buy	7.00
6	4/3/2023	Buy	6.75

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BUY: We expect the stock to provide a total return of 15% or more within a 12-month period.

HOLD: We expect the stock to provide a total return of negative 15% to positive 15% within a 12-month period.

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Total return is defined as price appreciation plus dividend yield.

Ascendiant Capital Markets, LLC Distribution of Investment Ratings (as of July 14, 2023)

Investment Banking Services Past 12 months

			1 430 1	
Rating	Count	Percent	Count	Percent
Buy	51	98%	16	31%
Hold	0	0%	0	0%
Sell	1	2%	0	0%
Total	52	100%	16	31%

ALZN: Alzamend Neuro, Inc.



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