#### **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): November 13, 2023

## Acumen Pharmaceuticals, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation)

> 427 Park St., Charlottesville, Virginia (Address of Principal Execut ve Offices

001-40551 (Commission File Number)

36-4108129 (IRS Employer Identification No.)

22902 (Zip Code)

(434) 297-1000 Lans Number, Including Area Code) (Registrant's Tel

Not Applicable (Former Name or Former Address, if Chan ess, 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 (see General Instructions A.2. below):

0 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) 0

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) 0

0 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	ABOS	The Nasdag Global Select 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 x

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. 0

#### Item 7.01 Regulation FD Disclosure.

On November 13, 2023, Acumen Pharmaceuticals, Inc. (the **"Company**") posted an updated corporate presentation to its website at https://investors.acumenpharm.com/news-events/presentations, which the Company may use from time to time in communications or conferences. This corporate presentation was updated to include (i) the projected mid-2024 timing of the initiation of the Company's Phase 1 subcutaneous trial for ACU193, (ii) results of the Company's recent interaction with the U.S. Food and Drug Administration, (iii) additional cerebrospinal fluid (CSF) biomarker data from the Company's Phase 1 INTERCEPT-AD trial, and (iv) the Company's new credit facility for up to \$50 million provided by K2 HealthVentures. A copy of the corporate presentation is attached as Exhibit 99.1 to this Report.

The information in this Item 7.01 of this Report (including Exhibit 99.1) is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

#### Item 9.01 Financial Statements and Exhibits.

(d). Exhibits

Exhibit No.	Description
99.1	Corporate Presentation, dated November 13, 2023.

104 Cover Page Interactive Data File (embedded within the Inline XBRL document).

#### SIGNATURES

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

#### Acumen Pharmaceuticals, Inc.

Dated: November 13, 2023

By:

/s/ Matthew Zuga Matthew Zuga Chief Financial Officer and Chief Business Officer



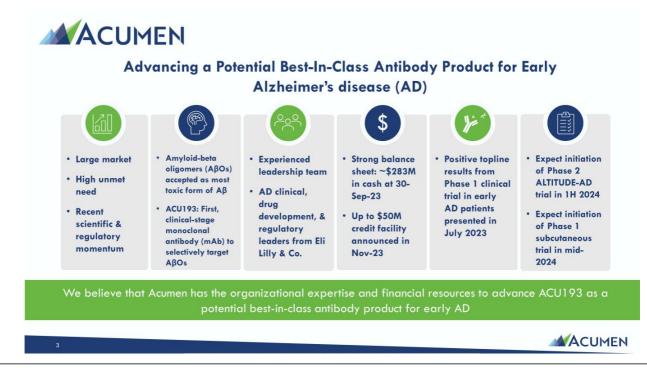
## **Corporate Presentation**

November 2023

#### **Forward-Looking Statements**

This presentation contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Any statement describing Acumen's goals, expectations, financial or other projections, intentions or beliefs is a forward-looking statement and should be considered an at-risk statement. Words such as "believes," "expects," "anticipates," "could," "would," "seeks," "aims," "plans," "potential," "will" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements include statements concerning Acumen's business, and Acumen's ability to achieve its strategic and financial goals, including its projected use of cash, cash equivalents and marketable securities and the expected sufficiency of its cash resources into the second half of 2026, the therapeutic potential of Acumen's product candidate, ACU193, including against other antibodies, the anticipated timeline for initiating a Phase 2 clinical trial of ACU193 and a Phase 1 trial to support a subcutaneous dosing option of ACU 193, and the expected use of proceeds from a credit facility. These statements are based upon the current beliefs and expectations of Acumen management, and are subject to certain factors, risks and uncertainties, particularly those inherent in the process of discovering, developing and commercializing safe and effective human therapeutics. Such risks may be amplified by the impacts of the COVID-19 pandemic. These and other risks concerning Acumen's programs are described in additional detail in Acumen's filings with the Securities and Exchange Commission ("SEC"), including in Acumen's most recent Annual Report Form 10-K and future filings and reports by Acumen. Copies of these and other documents are available from Acumen. Additional information will be made available in other filings that Acumen makes from time to time with the SEC. These forward-looking statements speak only as of the date hereof, and Acumen expressly disclaims any obligation to update or revise any forward-looking statement, except as otherwise required by law, whether, as a result of new information, future events or otherwise. In this presentation, references to cash also include cash equivalents.

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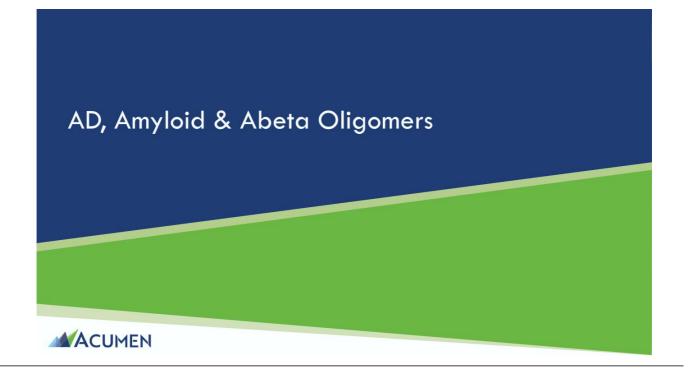


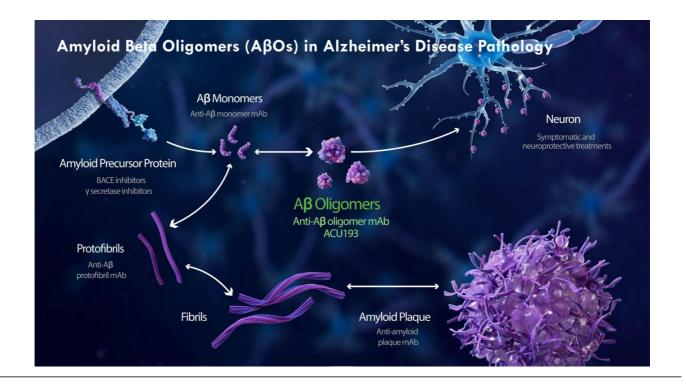


- → Rapidly advance ACU193 through clinical development in patients with early AD;
- → Evaluate combination approaches to complement our core ACU193 monotherapy strategy;
- → Expand our product portfolio by in-licensing and/or developing additional candidates and/or alternative formulations for, or derivatives of, ACU193; and
- → Optimize value of ACU193 and future drug candidates in major markets.









## Toxic ABOs Represent an Ideal Alzheimer's Disease Drug Target

#### AβOs are widely recognized as key pathogenic structures in AD

#### Impair synaptic function<sup>1</sup>

Pyramidal neurons in rat organotypic slices had markedly decreased density of dendritic spines and numbers of electro-physiologically active synapses after exposure to picomolar levels of soluble oligomers<sup>2</sup>

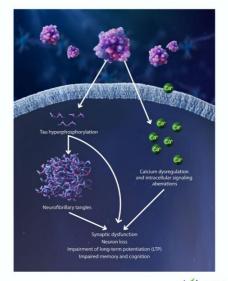
#### 2 Contribute to impairment of memory and cognition<sup>3</sup>

Soluble A $\beta$ Os (but not monomers) have been found to block hippocampal long-term potentiation (LTP), a synaptic correlate of memory and learning<sup>4</sup>

#### 3 Induce tau hyperphosphorylation<sup>5</sup>

It was demonstrated in 2008 that A $\beta$ Os were capable of inducing tau hyperphosphorylation in cultured neurons in the absence of fibrils^5

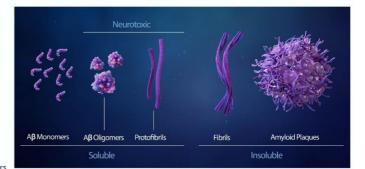
<sup>1</sup>Cleary et al., 2005; Townsend et al., 2006; Poling et al., 2008; Reed et al., 2011; Batista et al., 2018. <sup>2</sup>Shankar et al., 2007. <sup>3</sup>Ferreiro, S. T., and Klein, W. L., 2011. <sup>4</sup>Lambert et al., 1998; Walsh et al., 2002; Wang et al., 2002; Klyubin et al., 2005; Townsend et al., 2006; Shankar et al., 2007, 2008. <sup>5</sup>De Felice et al., 2008; Zempel et al., 2010; Ochalek et al., 2017.



## ACU193: A Monoclonal Antibody that Selectively Binds Toxic A $\beta$ Os

- Humanized, affinity matured mAb developed to target toxic A $\beta$  oligomers
  - >500-fold greater selectivity for ABOs over AB monomers
  - >85-fold selectivity for A $\beta$ Os over A $\beta$  fibrils
- IgG2 subclass mAb with reduced effector function
   Potential for more selective targeting of AβOs and
- lower ARIA-E relative to Aβ plaque directed mAbs • ACU193 discovered as part of research collaboration
- between Acumen and Merck & Co.Currently developed by several former senior members
- of Eli Lilly's global Alzheimer's development team
- ACU193 has been granted Fast Track designation for the treatment of early Alzheimer's disease by the U.S. FDA

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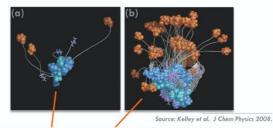


ACU193's high selectivity for toxic AβOs may provide meaningful cognitive efficacy and improved safety and tolerability



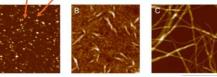
## What is an A\beta Oligomer? ABOs May Consist of 2 to >200 AB Peptides

Figure 1. ABOs composed of 3 (a) and 18 (b) AB peptides are depicted below.



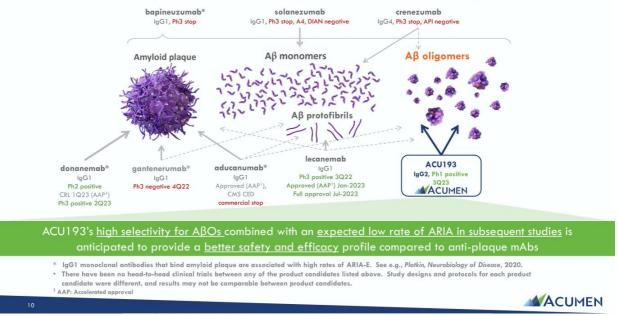
#### Quaternary structures of AB oligomers, protofibrils, and fibrils

Figure 2. Atomic force microscopy images of, representative steps of amyloid aggregation: (A) oligomers; (B) protofibrils; (C) mature fibrils. Scan size 1.0 µm. Z range (A) 8.0 nm; (B) 15 nm; (C) 20 nm.



Source: Relini et al. Biomolecules 2014.





## ACU193 Target Product Profile: Best-in-Class, 1st Line, Anti-AβO, Disease-Modifying Immunotherapy for Early AD

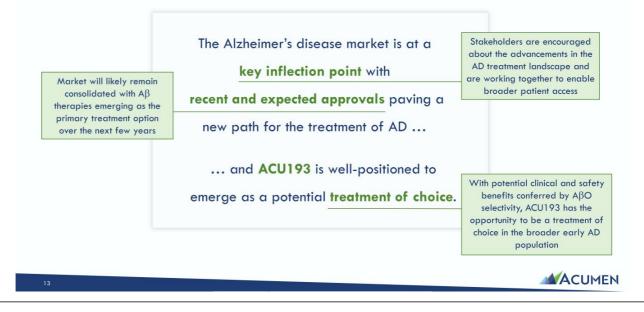
DRUG:	ACU193 is a humanized, affinity-matured, mAb with high selectivity for toxic A $\beta$ Os vs. A $\beta$ monomers (>500x), >85-fold selectivity for A $\beta$ Os over A $\beta$ fibrils	VIL H
	ACU193 is an IgG2 subclass mAb which has a reduced effector function.	Aộ oligomers
POPULATION:	Early AD - Mild Cognitive Impairment and Mild Dementia due to AD (amyloid positive by PET)	- Cure
DOSING:	IV infusion every 4 weeks	
DURATION:	Chronic therapy for duration of Early AD	•
VALUE PROPOSITION:	Selectivity for toxic AβOs may provide meaningful cognitive efficacy and an improved safety and tolerability profile relative to non-selective anti-Aβ/plaque mAbs, including:	
	<ul> <li>Slowing the decline of memory and cognition in Early AD</li> </ul>	
	<ul> <li>Decreasing AβO induced synaptic and neuronal network toxicity</li> </ul>	
	<ul> <li>Slowing disease progression and downstream effects on tau, neurodegeneration, and neuro- inflammation</li> </ul>	
	<ul> <li>With expected low rate of ARIA in subsequent studies</li> </ul>	
	<ul> <li>Potentially effective as stand-alone therapy or in combination with other symptomatic, anti- inflammatory, and/or tau directed therapies</li> </ul>	
11		

## Comparative Profiles of Recent and Current Anti-A $\beta$ Antibodies in Development

	Asset	mAb epitope / isotype <sup>(4)</sup>	A $\beta$ Target Selectivity <sup>(1)(2)</sup>			Safety Profile		
Company			monomers	plaque	fibrils	oligomers	ARIA-E <sup>(4)</sup>	Efficacy Profile
ACUMEN	ACU193	N-term, Confirmational IgG2	-		+	+++++	Expected Low in Phase 2	TBD
Eisai / Biogen	Leqembi <sup>™</sup>	N-term, Confirmational IgG1	-	+++	++++ Protofibrils	+++	Low	Positive Ph2 and Ph3 CLARITY-AD
Lilly	donanemab	N3pG IgG1	-	+++++	+++	-	High	Positive Ph2 and Ph.3 TRAILBLAZER
Biogen	Aduhelm <sup>™</sup>	N-term IgG1	-	+++++	++ Protofibrils	++	High	Ph3 Emerge Positive, Engage Negative
Roche	gantenerumab <sup>(3)</sup>	N-term + Mid domain IgG1	-	+++++	+++	++	High	Ph3 Negative
Lilly	solanezumab <sup>(3)</sup>	Mid domain / IgG1	+++++	-	-	-	None	Ph3 Negative, trends; A4 negative
Roche / Genentech	crenezumab <sup>(3)</sup>	Mid domain / IgG4	++++	-	++	+++	None	Ph3 Negative, no trends
Pfizer / Janssen	bapineuzumab <sup>(3)</sup>	N-term IgG1	++	+++	++	++	High	Ph3 Negative

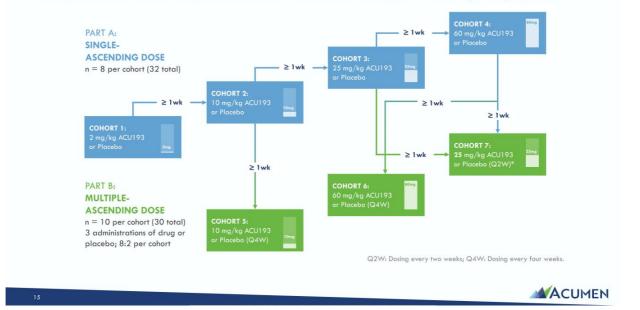
There have been no head-to-head trials between any of the product condidates listed above. Study designs and protocols for each product candidate were different, and results may not be comparable between product candidates.
 Caure et al. (2014). Targeting the proper amyloid-beta neuronal toxins: a path forward for Alzheimer's disease immunotherapeutics. Alzheimer's Research & Therapy. 6:42. DOI: http://alzres.com/content/6/4/42.
 Phane 3 discontinued for primary AD indication.
 van Dyck, C. (2017). Anti-Amyloid-b Monodanal Antibadies for Alzheimer's Disease: Pitfalls and Promise. Biological Psychiatry. 83:4, 311-319. DOI: http://doi.org/10.1016/j.biopsych.2017.08.010.

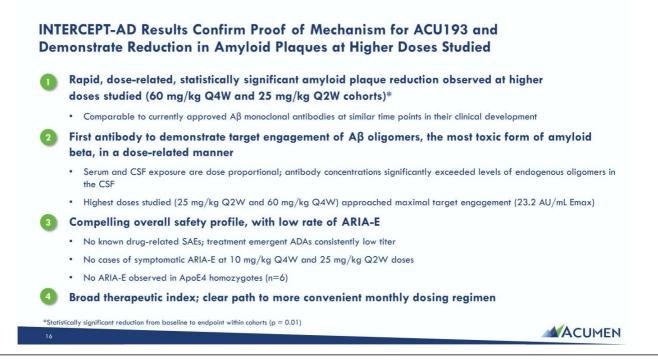
## **ACU193: Value Proposition**





### INTERCEPT-AD: A Randomized Placebo Controlled Phase 1 in Early AD patients

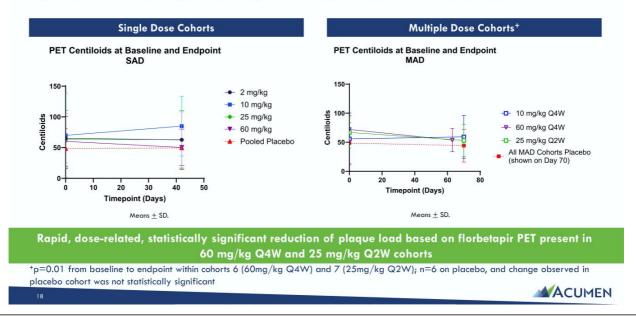




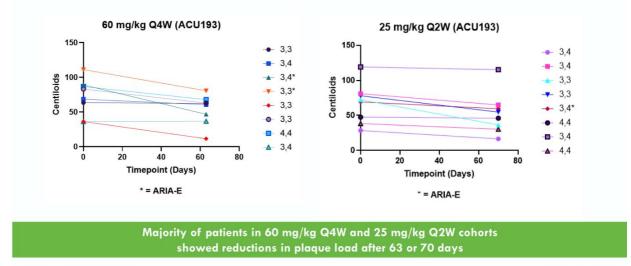
**Proof of Mechanism Demonstrated** Low Levels of ARIA-E, Dose-Related Target Engagement, CSF ACU193 Levels Exceeding AβO Levels, Supporting Q4W Dosing

			Potentially Therapeutic Do	ses
Endpoint	Critical Success Factors	10mg/kg	25mg/kg	60mg/kg
	• Deaths, SAEs Related to Study Drug	None	None	None
Safety & Tolerability	• Any ARIA-E	1/14 (7.1%)	1/14 (7.1%)	3/14 (21.4%)
,	Symptomatic ARIA-E	0/14 (0.0%)	0/14 (0.0%)	1/14 (7.1%)
РК	<ul> <li>Consistent Dose-Related PK</li> <li>CSF Exposure Above Endogenous CSF Oligomer Levels</li> </ul>	<b>Achieved</b> ( <b>Significantly Higher</b> than Reported Aβ Oligomer Levels)	<b>Achieved</b> (Orders of Magnitude Higher than Reported Aβ Oligomer Levels)	<b>Achieved</b> (Orders of Magnitude Higher than Reported Aβ Oligomer Levels)
Target Engagement	- Measurement of ACU193-A $\beta$ Oligomer Complex in CSF	Measurement Achieved	Dose-Related; Nearing Max Target Engagement	Dose-Related; Nearing Max Target Engagement
Amyloid PET	• Reduction in Amyloid PET in Centiloids	No Reduction Observed	Reduction within MAD Cohort $(p = 0.01)$	Reduction within MAD Cohe $(p = 0.01)$

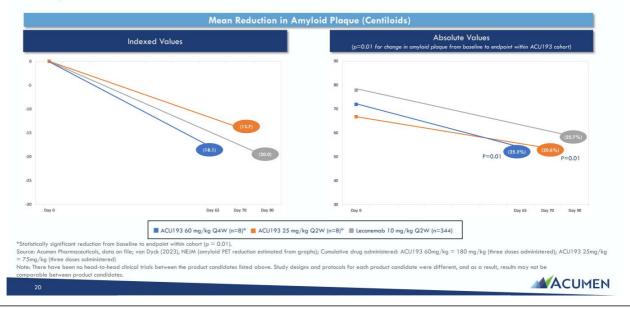
## Aß PET: Mean Changes in Amyloid Plaque in SAD and MAD Cohorts

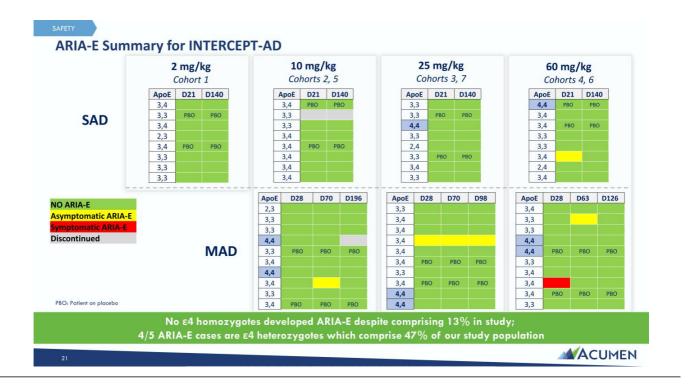


# A $\beta$ PET: Individual Patient Changes in Amyloid Plaque in Cohort 6 at 60 mg/kg Q4W and Cohort 7 at 25 mg/kg Q2W



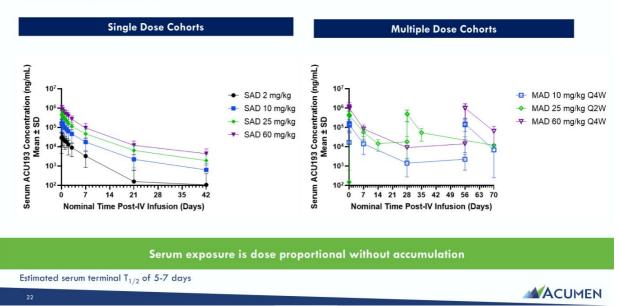
#### Highest Doses of ACU193 Demonstrate Rapid Reduction in Amyloid Plaque Reduction Comparable to Lecanemab (in Phase 3) at Similar Timeframe





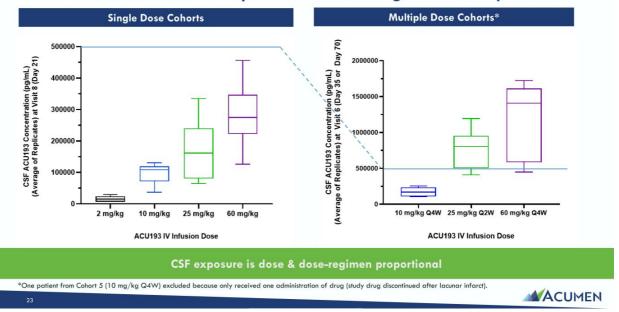


## ACU193 Serum PK

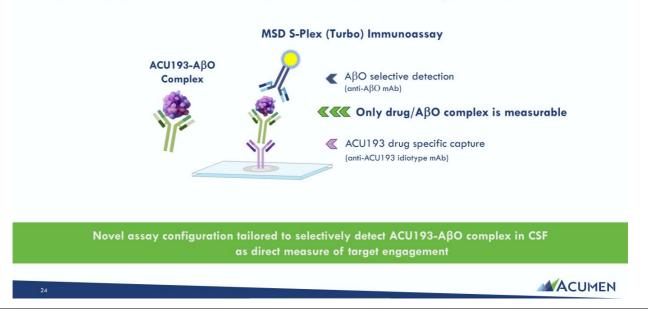




Dose-Related CSF ACU193 Exposure: Above Endogenous CSF ABO Levels

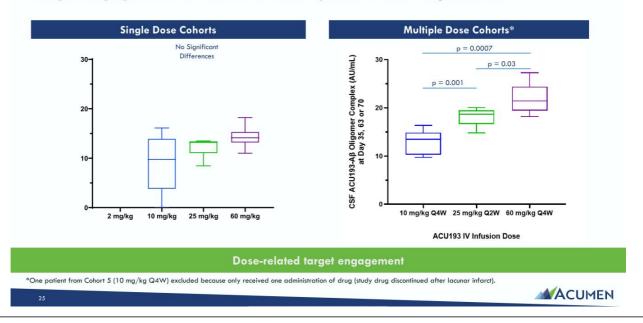


## Target Engagement Assessed by Measuring ACU193-A $\beta$ O Complex in CSF

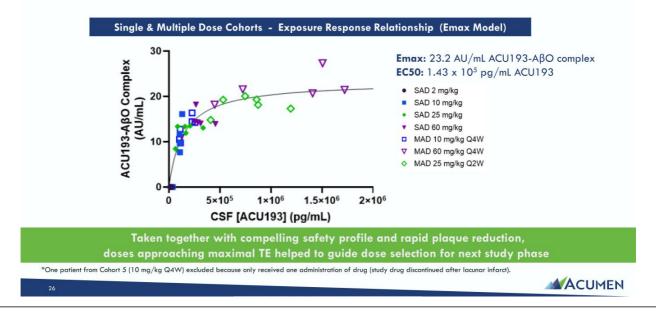




## Target Engagement of ACU193 with A $\beta$ Os is Dose Proportional

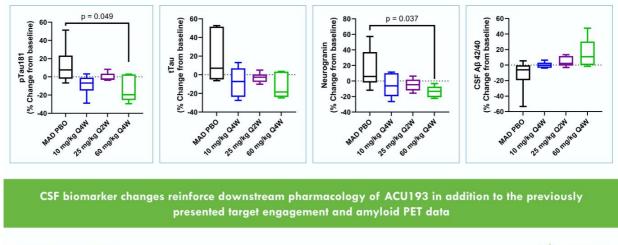


#### Maximal TE Response Observed at Doses of 25 mg/kg Q2W and 60 mg/kg Q4W



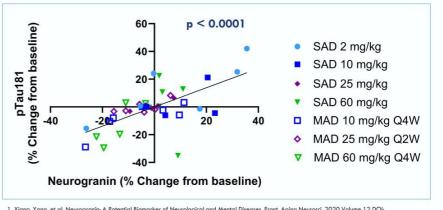


Consistent Drug Effects Observed in the Multiple Ascending Dose Cohorts in the INTERCEPT-AD Trial for CSF Phospho-tau181, Total Tau, Neurogranin and the A $\beta$  42/40 Ratio



#### Significant Correlation Between Change in CSF Neurogranin and pTau181

- Neurogranin is a synaptic protein that has been shown to modulate glutamatergic neuronal activity and may be linked to enhancement in synaptic plasticity and cognitive function.<sup>1,2</sup>
- Researchers in the field, such as Agnello et al and others,<sup>3,4,5</sup> have found correlations between CSF neurogranin and p-tau.
- This suggests a biological link between these two biomarkers and provides further confidence in our biomarker observations with ACU193.

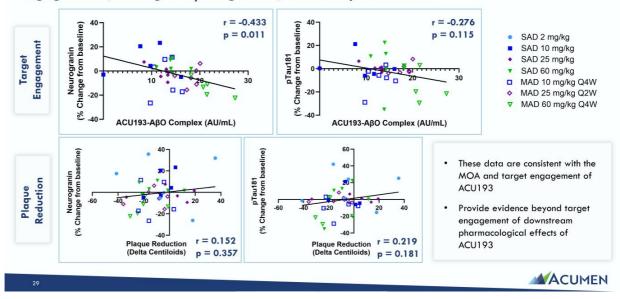


 I. Xiang, Yang, et al. Neurogranin: A Potential Biomarker of Neurological and Mental Diseases. Front. Aging Neurosci. 2020 Volume 12 DOI: 10.3389/fnagi.2020.584743; 2. Saunder, Tyler, et al. Neurogranin in Alzheimer's disease and ageing: A human post-mortem study. Neurobiology of Disease 2023. DOI: 10.1016/j.inbd.2023.10599; 3. Agnello L, et al. Neurogranin as Reliable Biomarker for Synaptic Dysfunction in Alzheimer's Disease. Diagnostics 2021, 11, 2339. DOI: 10.3390/diagnostics11122339; 4. Thorsell A, Bjerke M, Gobom J, et al. Neurogranin in cerebrospinal fluid as a marker of synaptic degeneration in Alzheimer's disease. Brain Res 2010;1362:13-22. DOI: 10.1016/j.braines.2010.09.073; 5. Hellwig K, Kvartisberg H, Portelius E, et al. Neurogranin and YKL-40: independent markers of synaptic degeneration and neuroinflammation in Alzheimer's disease. Alzheimers Res Ther 2015;7:74. DOI: 10.1186/s13195-015-0161-y.



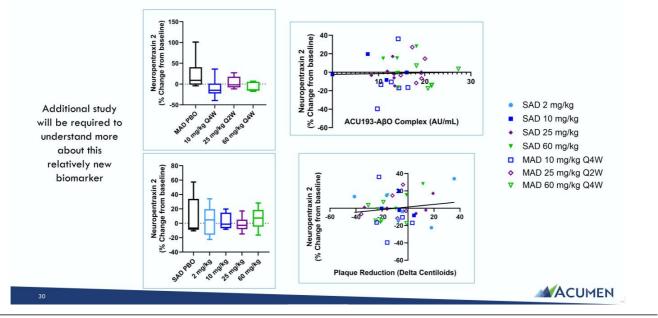


## Changes in CSF Neurogranin and pTau181 are More Closely Related to Target Engagement (Binding to A $\beta$ Oligomers) Than Plaque Reduction



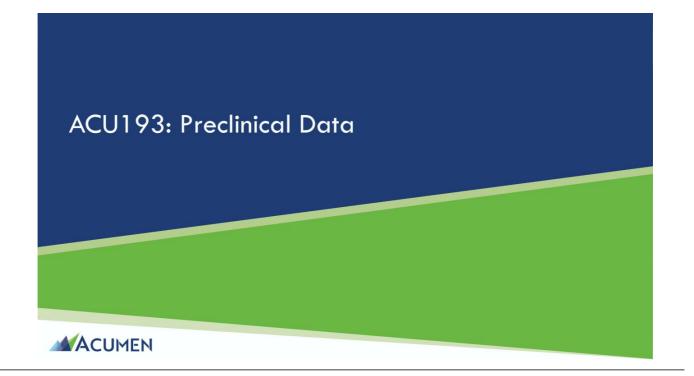


## No Significant Drug Effect Observed on CSF Levels of Neuropentraxin 2



THM	se i bula soppons Auvaliang to i hase 2
	Rapid, dose-related, statistically significant amyloid plaque reduction observed within higher dose cohorts
~	Topline results from INTERCEPT-AD trial demonstrated proof-of-mechanism for ACU193, the first clinical stage AβO- targeting antibody
$\checkmark$	ACU193 was well-tolerated in patients with early AD; resulted in no drug-related SAEs; low rate of ARIA-E
$\checkmark$	ACU193 approached maximal central target engagement of toxic AβOs, establishing broad therapeutic index and path to convenient monthly dosing
$\checkmark$	Positive CSF biomarker data is highly supportive of ACU193's downstream pharmacological effects in the brain
	Recent meeting with FDA indicated alignment with the study design of ALTITUDE-AD Exploratory measures: - As expected, no effects observed with clinical cognitive measures in this small study of short duration - As expected, no effects observed with MRI ASL pulse sequence in this small study of short duration
	COMPELLING PROOF OF MECHANISM DEMONSTRATED Next Steps: Expected Phase 2 Initiation 1H 2024
31	

## Phase 1 Data Supports Advancing to Phase 2



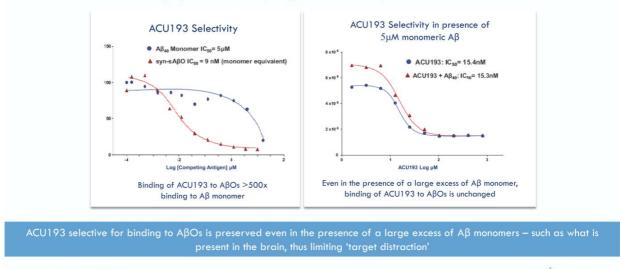
## ACU193: Extensive Data Package Supporting Development





### ACU193 is the First mAb Developed to Selectively Target ABOs

Highly selective for Aβ oligomers versus Aβ monomers

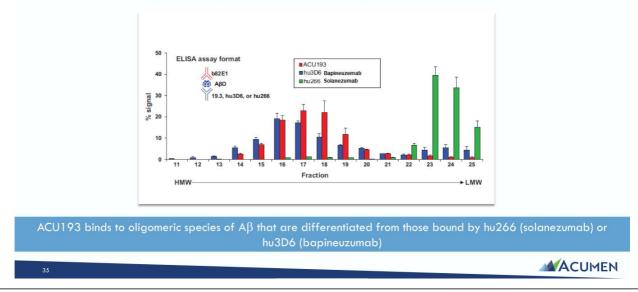


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## ACU193 Binds to a Wide Range of Oligomeric Species of $\textbf{A}\beta$

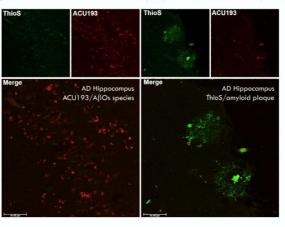
Comparison of Aß species-mAb complex signals across SEC fractions





## ACU193 is Highly Selective for ABOs Versus AB Plaques

ACU193 staining in human AD brain slices ACU193 (red) binds non-Thioflavin S positive A $\beta$  (green)

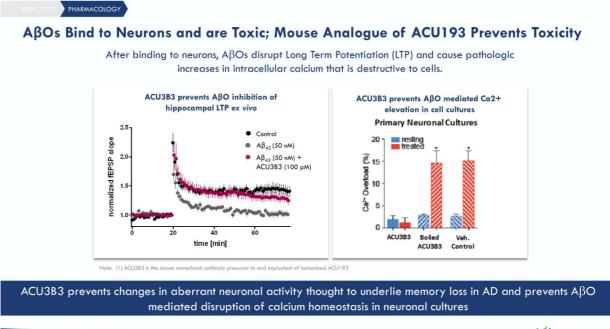


ACU193 has little or no binding to thioflavin S positive fibrillar Aß plaque in human AD brain tissue

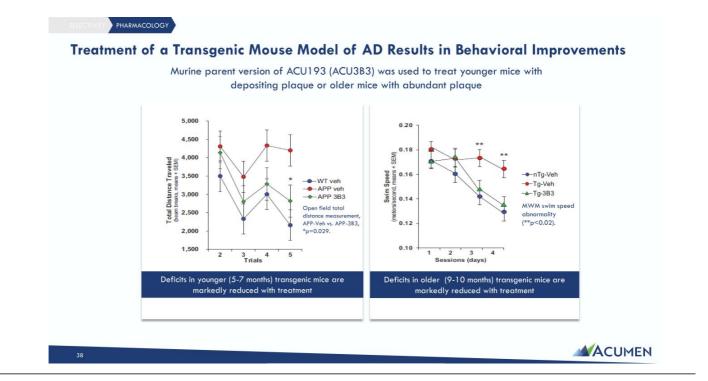
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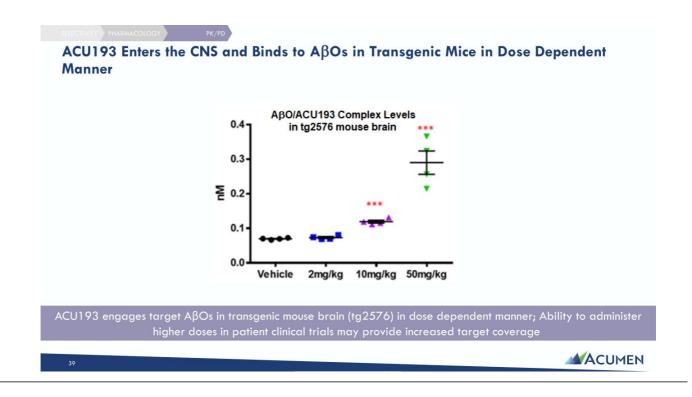
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Sources: E. Cline et al. CTAD 2019.



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### **ACU193 Development Summary**



- ⇒ Positive topline results from Phase1 study assessing safety, PK, and target engagement
- ⇒ Anticipate Phase 2 clinical study, ALTITUDE-AD, to initiate in 1H 2024
  - Two treatment arms versus placebo: 50 mg/kg Q4W and 35 mg/kg Q4W
- ⇒ Anticipate Phase 1 subcutaneous clinical study to initiate in mid-2024, to compare the pharmacokinetics of a subcutaneous form of ACU193 to the IV form





### ACU193 IP & Market Exclusivity

- Exclusive, perpetual, irrevocable, worldwide, royalty-free license from Merck to its Amyloid Derived Diffusible Ligand (ADDL) IP including issued ACU193 patents
- ACU193 Global IP estate:
  - ✓ Issued patents in 19 countries
  - $\checkmark$  Composition of matter patents and methods of use run into July 2031
  - ✓ Patent term extensions may be available, 3-5 years depending on jurisdiction
- Biologics market exclusivity is expected for ACU193 as a novel biologic drug
- ✓ US provides 12 years market exclusivity for novel biologics
- ✓ Europe provides 10 years of market exclusivity for novel biologics





# Significant Milestones Achieved in 2023

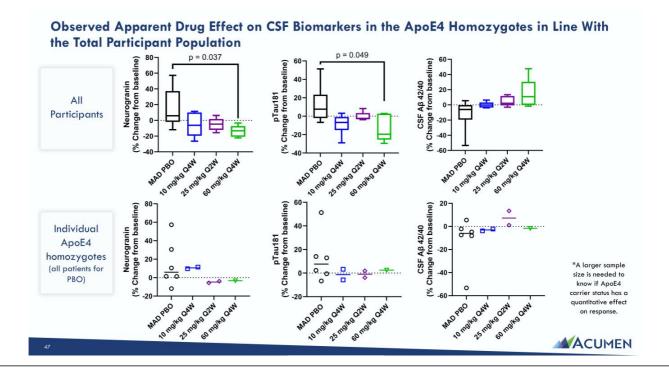
MILESTONES	STATUS/ EXPECTED TIMING	tooott
Proof-of-mechanism topline results	$\checkmark$	<b>~\$283M</b> Cash, cash equivalents and
Biomarker results from Phase 1 study	$\checkmark$	marketable securities as of Sept 30, 2023
Anticipated interaction with FDA	$\checkmark$	Up to <b>\$50M</b>
Anticipated initiation of ALTITUDE-AD trial	1H 2024	Debt financing secured from K2 HealthVentures in November 2023
Anticipated initiation of Phase 1 subcutaneous trial	Mid-2024	

ACUMEN

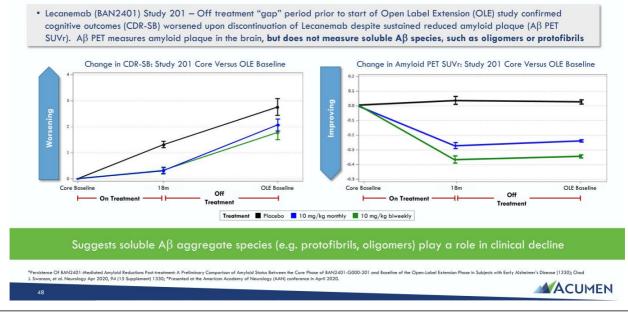
# ABOS: Key Takeaways

	Massive unmet need in AD, recent favorable trends and cumulative learnings position field for future successes
	Positive Phase 1 clinical data presented in July 2023
	Differentiated product candidate targeting toxic A $\beta$ Os
G	Experienced AD drug development team
	S Blue chip investors and strong balance sheet
	Phase 2 study, ALTITUDE-AD, expected to initiate in 1H 2024; subcutaneous Phase 1 expected to initiate in mid-2024
45	









#### Positive Signals and Proof of Concept From Recent Phase 3 Anti-Amyloid mAb AD Studies

Percent Slowing of Cognitive/Functional Decline\*

Measured Outcome**	solanezumab EXPEDITION 3 (Phase 3)	aducanumab EMERGE (Phase 3)	aducanumab ENGAGE (Phase 3)	lecanemab Clarity-AD (Phase 3) <sup>+</sup>	donanemab TRAILBLAZER-2 (Phase 3) <sup>++</sup> (Intermediate & High Tau)	donanemab TRAILBLAZER-2 (Phase 3) <sup>++</sup> (Intermediate Tau)		
ADAS-cog -11%		-27%	-12%	-26%	-20%	-32%		
ADCS-ADL	-15%	-40%	-18%	-37%	-28%	-40% -36%		
CDR-SB	-15%	-23%	2%	-27%	-29%			
MMSE	MSE -13%		3%	N.A.	N.A.	N.A.		
IADRS	-11%	N.A.	N.A.	N.A.	-22%	-35%		

\* Percent Slowing = P[1- [(endpoint score-baseline score)active/(endpoint score-baseline score)placebo]]\*100%\*(-1)
 \*\* ADAS-cog: Alzheimer's Disease Assessment Scale – Cognitive Subscale

ADCS-ADL: Alzheimer's Disease Cooperative Study – Activities of Daily Living CDR-SB: Clinical Dementia Rating – Sum of Boxes

MMSE: Mini-Mental State Examination IADRS: Integrated Alzheimer's Disease Rating Scale

ENGAGE Post-Protocol Version 4 – at least 14 doses of 10 mg/kg, High Dose cohort achieved 27% improvement on CDR-SB compared to placebe

+ Source: Eriai/Biogen press release September 28, 2022. ++ Source: Eli Lilly press release May 3, 2023. ++ Source: Wall Street Jaurnal, Biogen Details Case for Controversial Alzheimer's Drug, published December 5, 2019. See e.g., Plotkin, Neurobiology of Disease, 2020. There have been no head-to-head clinical trials between any of the product candidates listed above. Study designs and protocols for each product candidate ware different, and results may not be

comparable between product candidates.

#### Anti-Plaque mAbs Demonstrate Dose-Related ARIAs That Will Likely Limit Their Use

Percent of ARIA Events for Anti-Aβ/plaque mAbs\*

		ETING AB	TARGETING AMYLOID PLAQUES							TARGETING PROTOFIBRILS						
	solanezumab EXPEDITION 3 (Phase 3)		α	ducanum EMERGE (Phase 3)	E ENGAGE		E	donanemab (Phase 2)		donanemab (Phase 3) <sup>++</sup> (Intermediate & High Tau)		<b>lecanemab</b> (Phase 2)		lecanemab (Phase 3)+		
	PC	Treated	PC	Low	High	PC	Low	High	PC	Treated	PC	Treated	PC	High	PC	Treated
ARIA-E	0.2%	0.1%	2.2%	26.1%	34.4%	3.0%	25.6%	35.7%	0.8%	27.5%		24%	0.8%	9.9%	1.7%	12.6%
Symptomatic												6%				3%
ApoE ε4 carriers			1.9%	29.8%	42.5%	2.4%	28.7%	41.8%	3.6%	44.0%			1.2%	14.6%	2.3%	15.8%
ApoE ε4 non- carriers			2.9%	18.1%	17.9%	4.3%	17.5%	27.7%					0.0%	8.0%	0.3%	5.4%
Any ARIA E or H			10.3%	32.8%	41.2%	9.8%	30.7%	40.3%	8.0%	38.9%		31%			9.5%	21.5%

\* PC = Placebo, Low = Low Dose; High = High Dose

Shows the absence of ARIA after treatment with antibodies targeting A $\beta$  monomers (solanezumab) in comparison to the increasing presence of ARIA after treatment at increasing dose levels with antibodies targeting amyloid plaques (aducanumab, BAN2401, and donanemab), indicate that ARIA results from the removal of amyloid plaques around blood vessels and likely does not result from treatment with antibodies that target other species of A $\beta$ , i.e. A $\beta$  monomers and A $\beta$ Os.

ARIA-E represents a dose limiting adverse effect for mAbs with amyloid plaque binding; We believe antibodies that exhibit lower

There have been no head-to-head clinical trials between any of the product candidates listed above. Study designs and protocols for each product candidate were different, and results may not be comparable between product candidates. + Source: Eisai/Biogen press release September 28, 2022. ++ Source: Eli Lilly press release May 3, 2023.