



# Corporate Presentation

April 2026

Nasdaq: ZNTL

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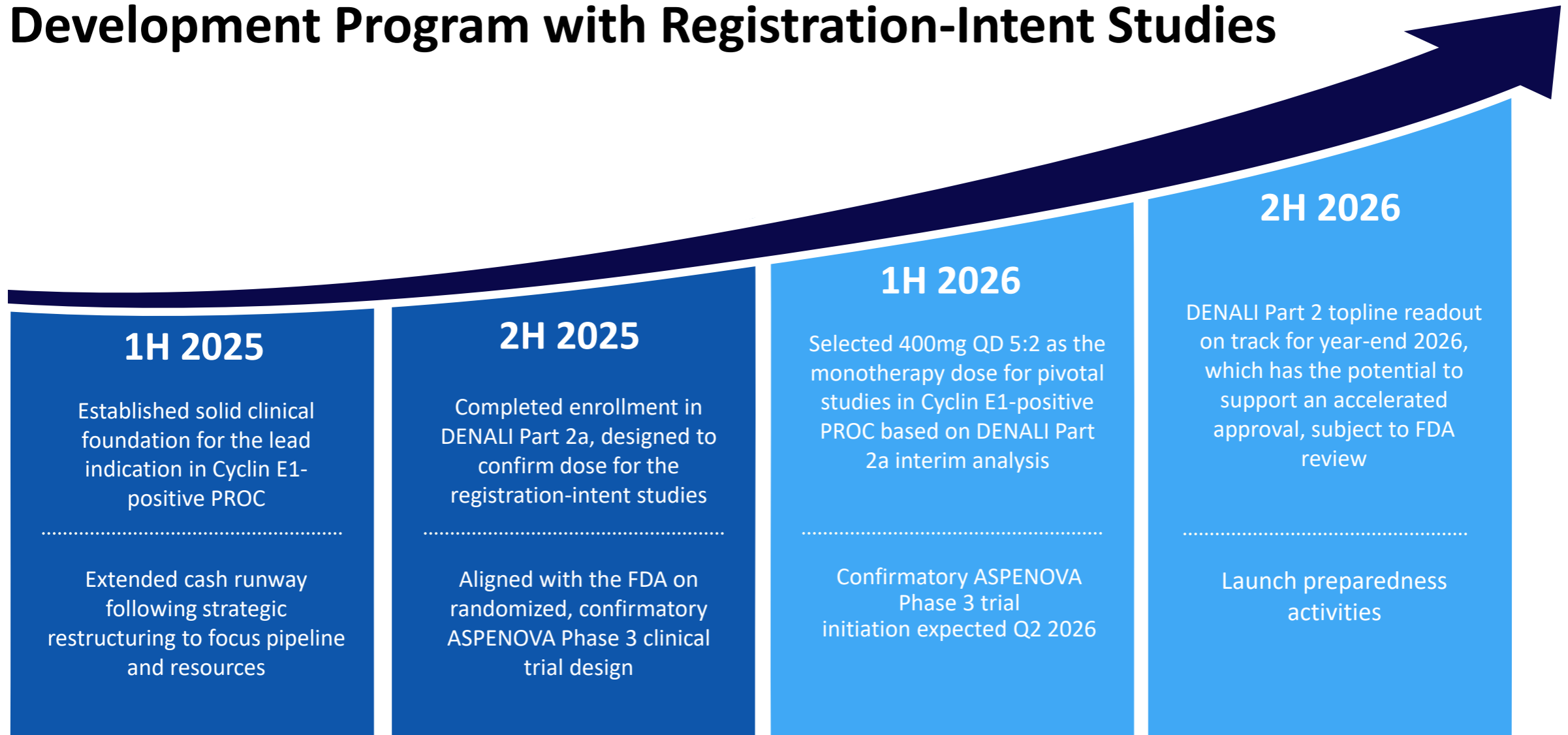
This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and other data about our industry. These data involve a number of assumptions and limitations, and you are cautioned not to give undue weight to such data and estimates. In addition, projections, assumptions and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk. Neither we nor our affiliates, advisors or representatives makes any representation as to the accuracy or completeness of that data or undertake to update such data after the date of this presentation.

Statements such as “not head-to-head,” “direct cross-study comparison not intended” and similar references indicate that no head-to-head clinical trial has been conducted evaluating azenosertib against the indicated therapies. Notable differences exist between the Company’s trial designs, conditions under study and subject characteristics as compared to the evaluated third party results and caution should be exercised when comparing data across these studies.

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Azenosertib is an investigational drug and has not yet been approved by the U.S. Food and Drug Administration or any other regulatory authority.

# Momentum Expected to Continue in 2026 for Azenosertib Development Program with Registration-Intent Studies



***\$245.9M cash, cash equivalents and marketable securities as of Dec 31, 2025 supports expected milestones with anticipated runway into late 2027***

# Extensive Data Support Azenosertib as Potential Best-in-Class, Orally Available, Non-Chemo Therapy for Patients with Cyclin E1-Positive Platinum-Resistant Ovarian Cancer (PROC)

**>30% ORR, ~6 mos mDOR<sup>‡</sup>**

in Cyclin E1-positive PROC patients at monotherapy dose of 400mg QD 5:2

➤ Cyclin E1 protein overexpression is a biomarker of poor prognosis and low benefit from standard-of-care (SOC) single-agent chemotherapy in PROC<sup>1</sup>

➤ 4-13% ORR for SOC mono chemo in PROC reported in literature<sup>2†</sup>

## Manageable safety profile

**800+** patients treated with azenosertib in clinical trials\*

Most common TRAEs include nausea, diarrhea, and fatigue and are clinically manageable\*\*

## 400mg QD 5:2 monotherapy regimen selected as pivotal trial dose

A prespecified interim analysis from DENALI Part 2a showed:

- A meaningful and clearly differentiated response rate at 400mg QD 5:2 over 300mg QD 5:2 dose
- Comparable safety profiles across the two dose groups and observed improvements in several key measures, such as:
  - A discontinuation rate due to adverse events at approximately half of the rate reported in DENALI Part 1b
  - No treatment-related deaths

‡ As of Jan. 13, 2025 data cutoff in DENALI Part 1b, mDOR subject to change; † Not a head-to-head comparison; \* 800+ patients treated with azenosertib across all tumor types; \*\* Most common TRAE represents all grade TRAEs ≥ 50%

1. Kang EY, et al. *Cancer*. 2023;129:697-713

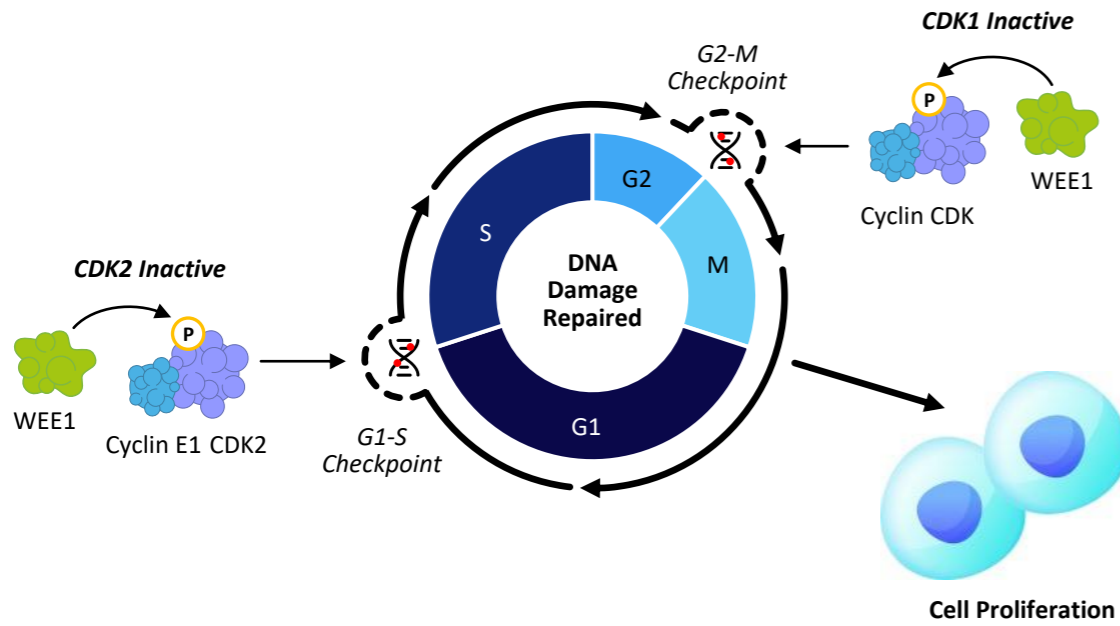
2. Eskander, R., et al. Overcoming the Challenges in Drug Development, *Front Oncol*. 2023 Oct 17; 13:1258228

Abbreviations: ORR = objective response rate; mDOR = median duration of response; TRAEs = treatment-related adverse events; 5:2 schedule = 5 days once-daily administration of azenosertib, followed by 2 days without azenosertib

# Cyclin E1 Overexpression Sensitizes Cancer Cells to Azenosertib

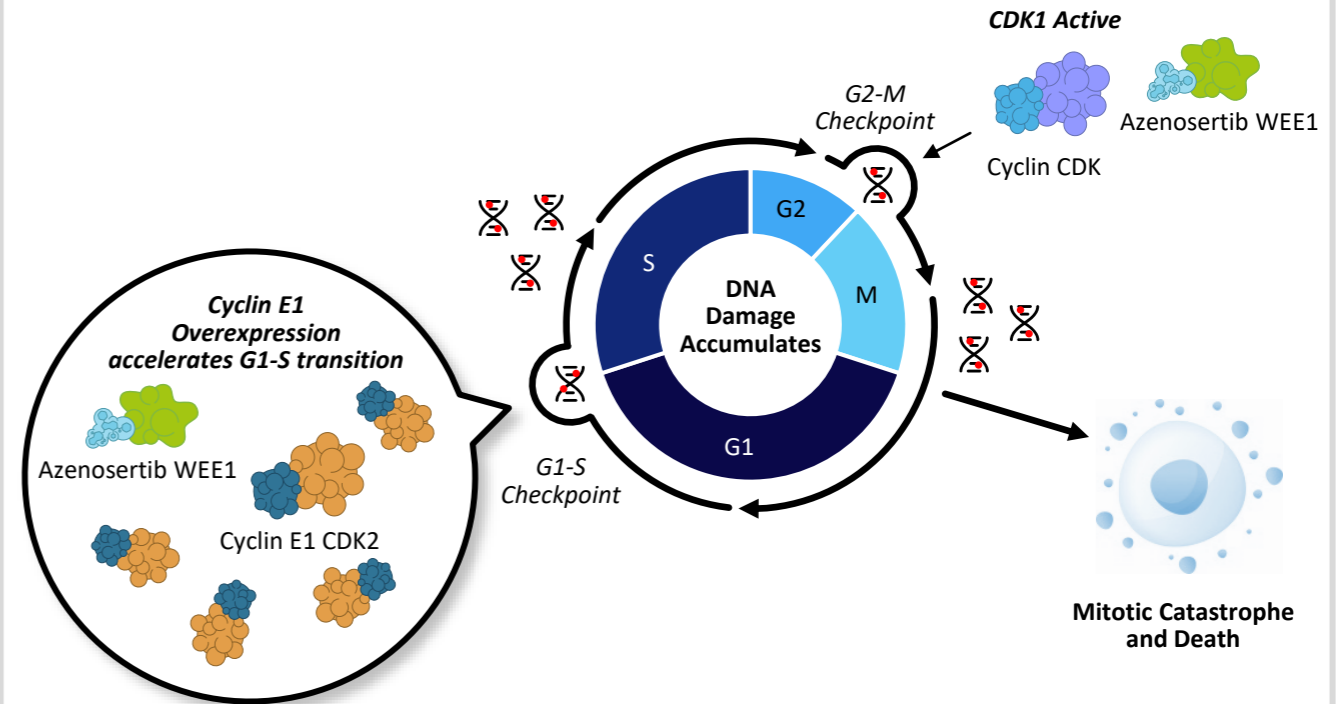
## Normal Cell Cycle Regulation

- CDKs and their cyclin binding partners promote progression through the cell cycle
- Following DNA damage, WEE1 kinase inactivates Cyclin/CDK complexes at both G1-S and G2-M checkpoints to halt the cell cycle and allow for repair
- Upon DNA repair, cells progress through the cell cycle and proliferate



## Cancer Cell and Azenosertib

- Cyclin E1 overexpression increases CDK2 activity and accelerates G1-S transition, rendering cells more dependent on the DNA repair at the G2-M checkpoint
- Inhibition of WEE1 activates CDKs, accelerates G1-S and G2-M transitions, and increases DNA damage to intolerable levels, resulting in mitotic catastrophe and cell death



# Multiple Drivers of Cyclin E1 Protein Overexpression

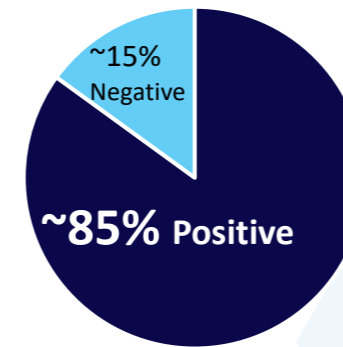
Companion diagnostic ready for use in registration-intent studies to identify Cyclin E1-Positive patients, ~50% of PROC patient population<sup>†</sup>

Cyclin E1 overexpression driven by different mechanisms<sup>1</sup>, including:

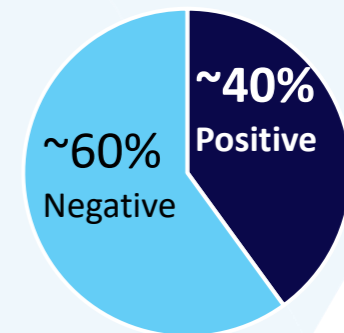
- **CCNE1** gene amplification
- Increased gene transcription
- Reduced protein degradation

Cyclin E1-Positivity more than doubles the eligible patient population beyond **CCNE1** gene amplified:

**CCNE1 Amplified**



**CCNE1 Non-Amplified**



**Predicted Cyclin E1 IHC\***

**All PROC patients, regardless of CCNE1 amplification status, should be screened for Cyclin E1 overexpression**

1. Kim, D., et al. Cyclin E1/CDK2 activation defines a key vulnerability to WEE1 kinase inhibition in gynecological cancers, npj Precis. Onc. 9, 3 (2025). <https://doi.org/10.1038/s41698-024-00787-4>

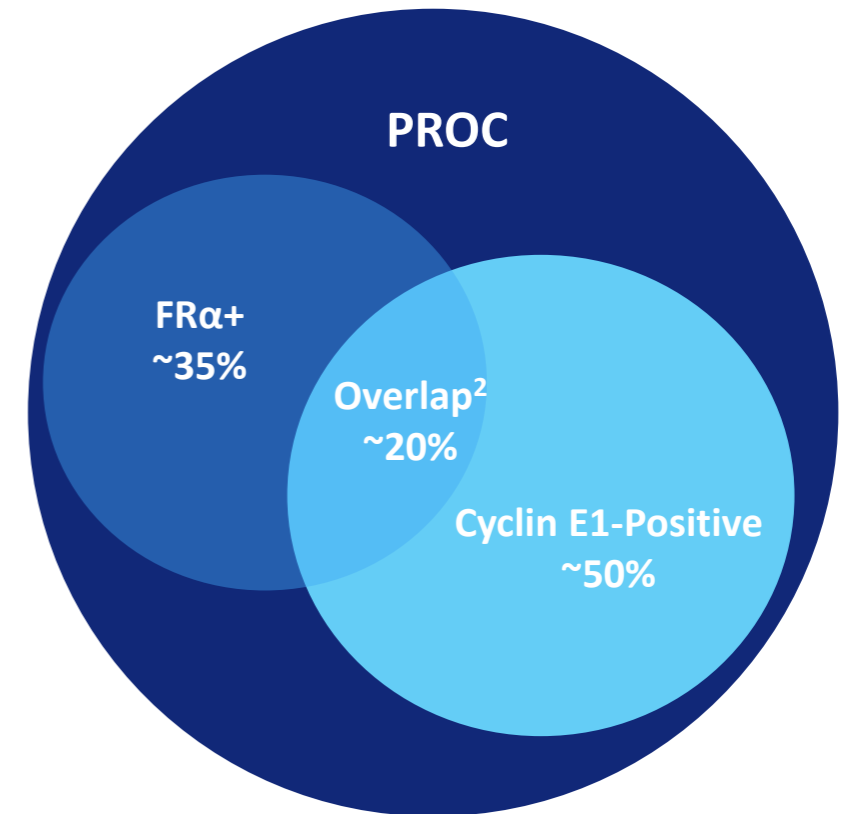
\* Cyclin E1 IHC+ based on Zentalis proprietary IHC cutoff and Cyclin E1 IHC assay developed from the existing clinical data

† Cyclin E1 IHC+% based on literature and the unbiased CCNE1 amp & Cyclin E1 overlapping data generated from Zentalis clinical trial samples

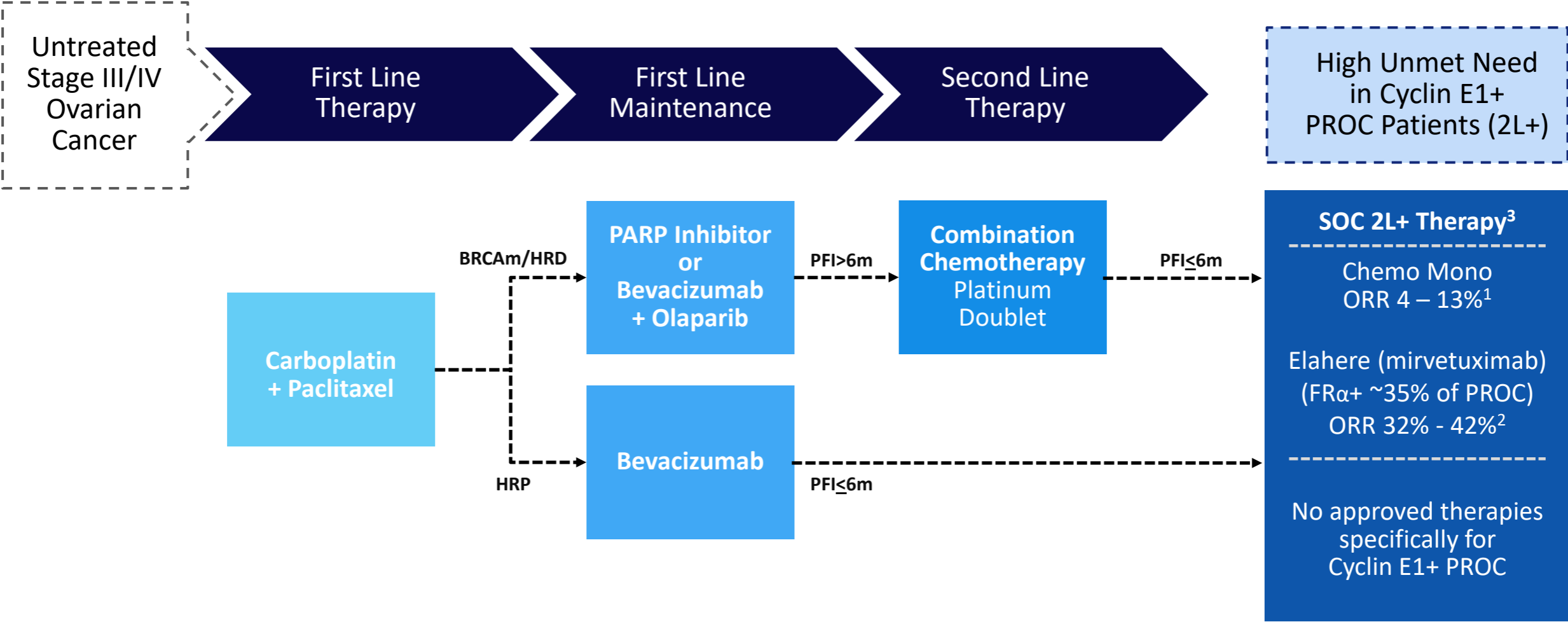
IHC - immunohistochemistry

# Significant Market Opportunity in High Unmet Need Cyclin E1-Positive PROC

- **No approved treatment option** specifically for this biomarker selected PROC population
- **~21,500** Cyclin E1-Positive PROC patients\* (~50% of PROC population)
- Elahere (mirvetuximab soravtansine) approved for biomarker selected FR $\alpha$ + PROC population; US sales in 2025 were \$607 million<sup>1</sup>
  - Underscores demand for biomarker-directed therapies for PROC patients
- Additional opportunities in earlier lines of ovarian cancer and other tumor types



# Platinum Resistant Ovarian Cancer: High Unmet Need Provides Opportunity for Azenosertib Monotherapy

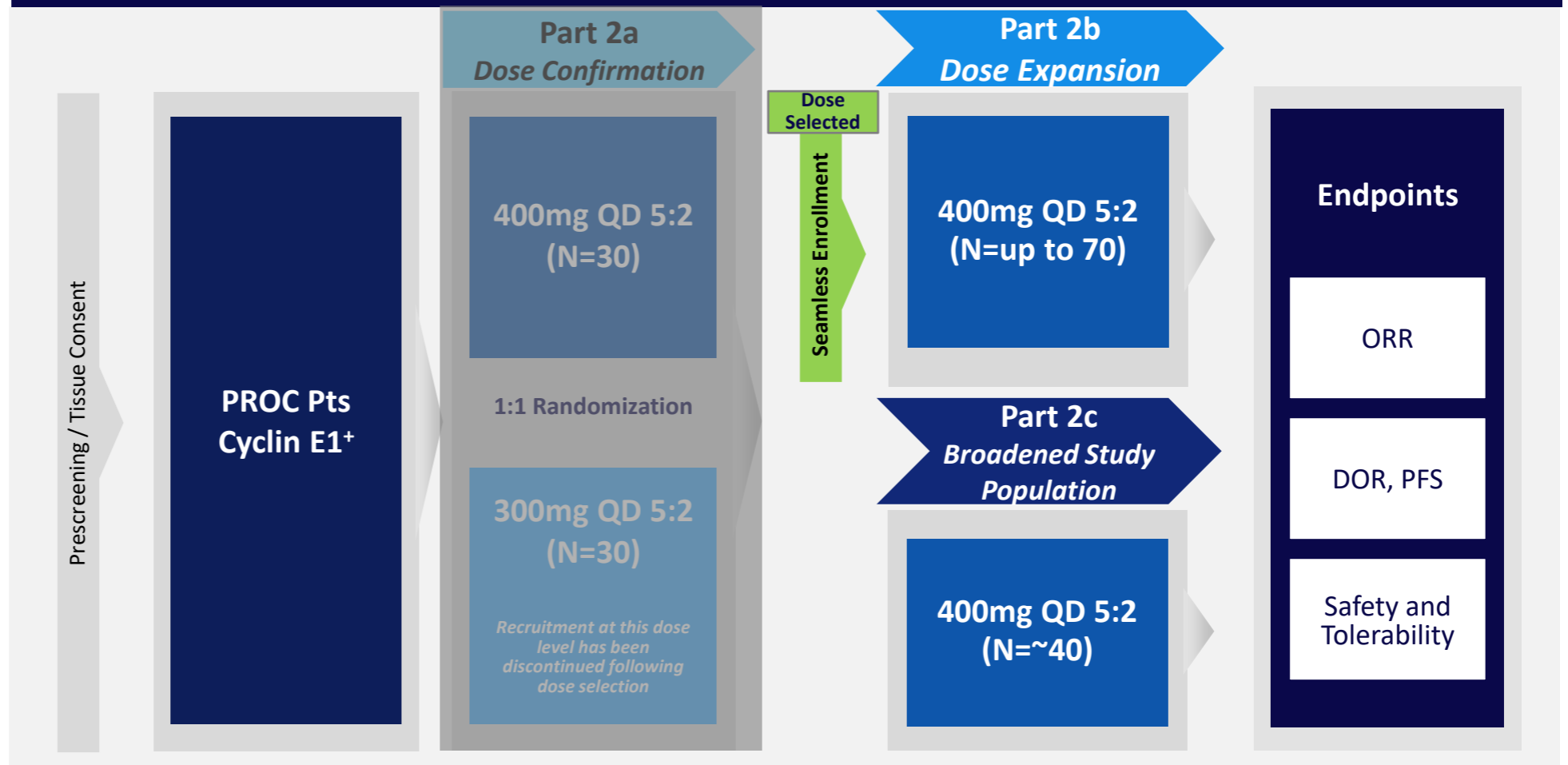


# DENALI – Phase 2 Registration-Intent Study for Accelerated Approval of Azenosertib Monotherapy in Cyclin E1+ PROC Patients

## Key Eligibility

- ✓ Platinum-resistant ovarian cancer
- ✓ Cyclin E1+ by proprietary IHC cutoff criteria
- ✓ **Part 2a & b:** 1-3 prior lines of therapy; prior MIRV if high FR $\alpha$ , up to 4 prior lines allowed
- ✓ **Part 2c:** 1-4 prior lines of therapy, including prior taxane containing regimen for PROC; prior MIRV if high FR $\alpha$

## DENALI PART 2 FOR POTENTIAL ACCELERATED APPROVAL (N= ~140 at selected dose)



# ASPENOVA – Phase 3 Registration-Intent, Confirmatory Study for Full Approval of Azenosertib Monotherapy in Cyclin E1+ PROC Patients

ASPENOVA RANDOMIZED TRIAL INTENDED FOR FULL APPROVAL (FDA Aligned, N= ~420)

## Key Eligibility

- ✓ Platinum-resistant ovarian cancer
- ✓ 1-3 prior lines of therapy
- ✓ Prior MIRV if high FR $\alpha$ , up to 4 prior lines allowed
- ✓ Cyclin E1+ by proprietary IHC cutoff criteria

Prescreening / Tissue Consent

PROC Pts  
Cyclin E1+

Azenosertib  
400mg QD 5:2  
(N = ~210)

1:1 Randomization

Investigator's Choice of Chemotherapy  
Paclitaxel, PLD, Gemcitabine, Topotecan  
(N = ~210)

Primary Endpoint

PFS

Key Secondary Endpoints

OS, ORR

Trial Initiation Expected in Q2 2026

# Azenosertib has the Potential to be a First-in-Class and Best-in-Class WEE1 Inhibitor for Patients with Ovarian Cancer and Other Tumor Types

TRIAL NAME	DEVELOPMENT APPROACH	PHASE 1	PHASE 2	PHASE 3	STUDY STATUS
<b>Cyclin E1-Positive PROC Monotherapy (lead indication)</b>					
<b>DENALI</b>	<b>DENALI Part 1b</b> Demonstrated Cyclin E1 protein overexpression as biomarker predicting response to azenosertib				Ongoing In Long-term Follow-up Only
	<b>DENALI Part 2a + Part 2b + Part 2c</b> Registration-intent Cyclin E1+ <i>FDA Fast Track Designation</i>				Topline Readout Expected YE 2026 Ongoing Study
<b>ASPENOVA</b>	<b>Azenosertib vs. SOC chemo</b> Randomized, confirmatory trial Cyclin E1+				Initiation Expected Q2 2026 Planned Study
<b>Ovarian Cancer Combination Therapy</b>					
<b>MUIR*</b>	<b>Part 2: Azenosertib + bevacizumab (in earlier lines of OC)</b> <b>Part 1: Azenosertib + multiple chemo backbones (in PROC, completed)</b>				Currently Enrolling Part 2 Ongoing Study

# **Integrated Data of ZN-c3-001, MAMMOTH, and DENALI Part 1b**

# Standard of Care\* Single-Agent Chemotherapy has Low Efficacy in PROC

## New Options with Greater Efficacy Needed

Study	Study Population	Chemotherapy Arm	ORR, %	mPFS, mo	mOS, mo
<b>JAVELIN Ovarian 200<sup>1</sup></b> (n=190)	≤3 priors, 75% PROC and 25% Platinum refractory (28% prior bev)	PLD	4	3.5	15.7
<b>FORWARD I re-read<sup>2</sup></b> (n=61)	PROC 1–3 priors high FRα (33% prior bev)	Paclitaxel or PLD or topotecan	6	3.2	12
<b>CORAIL<sup>3</sup></b> (n=199)	PROC ≤3 priors (46% prior bev)	PLD or topotecan	12	3.6	11
<b>NINJA<sup>4</sup></b> (n=159)	PROC 77% >2 prior	Gemcitabine or PLD	13	3.8	12.1
<b>AURELIA<sup>5</sup></b> (n=182)	PROC ≤2 priors; 25% platinum refractory (8% prior bev)	Paclitaxel or PLD or topotecan	13	3.4	13.3

Direct cross-study comparison of results from independently conducted clinical trials is not intended on this slide. \* Excludes recently approved taxane combo regimens

bev, bevacizumab; FRα, folate receptor alpha; mo, months; ORR, objective response rate; PFS, progression-free survival; PLD, pegylated liposomal doxorubicin; PROC, platinum-resistant ovarian cancer.

1. Pujade Lauraine E et al. *Lancet Oncol.* 2021;22(7):1034-1046, 2. Moore KN et al. ESMO 2019, 3. Gaillard SL et al. ESMO 2018, 4. Omatsu K ESMO 2020, 5. Pujade-Lauraine E et al. *J Clin Oncol.* 2014;32(13):1302–1308.

# Integrated Safety Analysis in All Patients Total Daily Dose $\geq 300\text{mg}$ (N=356)

## Monotherapy Safety Profiles in 001, MAMMOTH, DENALI Part 1b

Treatment Related AEs*, N (%)	All Grade	Grade 3+
<b>Gastrointestinal</b>		
Decreased appetite	93 (26.1)	6 (1.7)
Diarrhea	181 (50.8)	26 (7.3)
Nausea	218 (61.2)	13 (3.7)
Vomiting	63 (17.7)	5 (1.4)
Dehydration	33 (9.3)	2 (0.6)
<b>Hematologic</b>		
Anemia	113 (31.7)	42 (11.8)
Thrombocytopenia	108 (30.3)	39 (11.0)
Neutropenia	57 (16.0)	44 (12.4)
Febrile Neutropenia	6 (1.7)	6 (1.7)
Pancytopenia	2 (0.6)	2 (0.6)
<b>Fatigue</b>	191 (53.7)	44 (12.4)
<b>Sepsis</b>	4 (1.1)	4 (1.1)

\* TRAEs listed here represent adverse events of special interest and adverse events of clinical significance for azenosertib and this class of molecules

Treatment Related AEs, N (%)	
TRAE leading to dose reduction	145 (40.7)
TRAE leading to dose interruption	163 (45.8)
TRAE leading to discontinuation	38 (10.7)
TRAE leading to death	4 (1.1)
<b>Treatment related SAE</b>	52 (14.6)

- Well characterized, manageable safety profile in relatively large sample size
- All Grade 5 TRAEs previously reported

# Safety and Tolerability at 300 and 400 mg 5:2 Broadly Comparable

## Monotherapy Safety Profiles in PROC Patients in 001, MAMMOTH, DENALI Part 1b

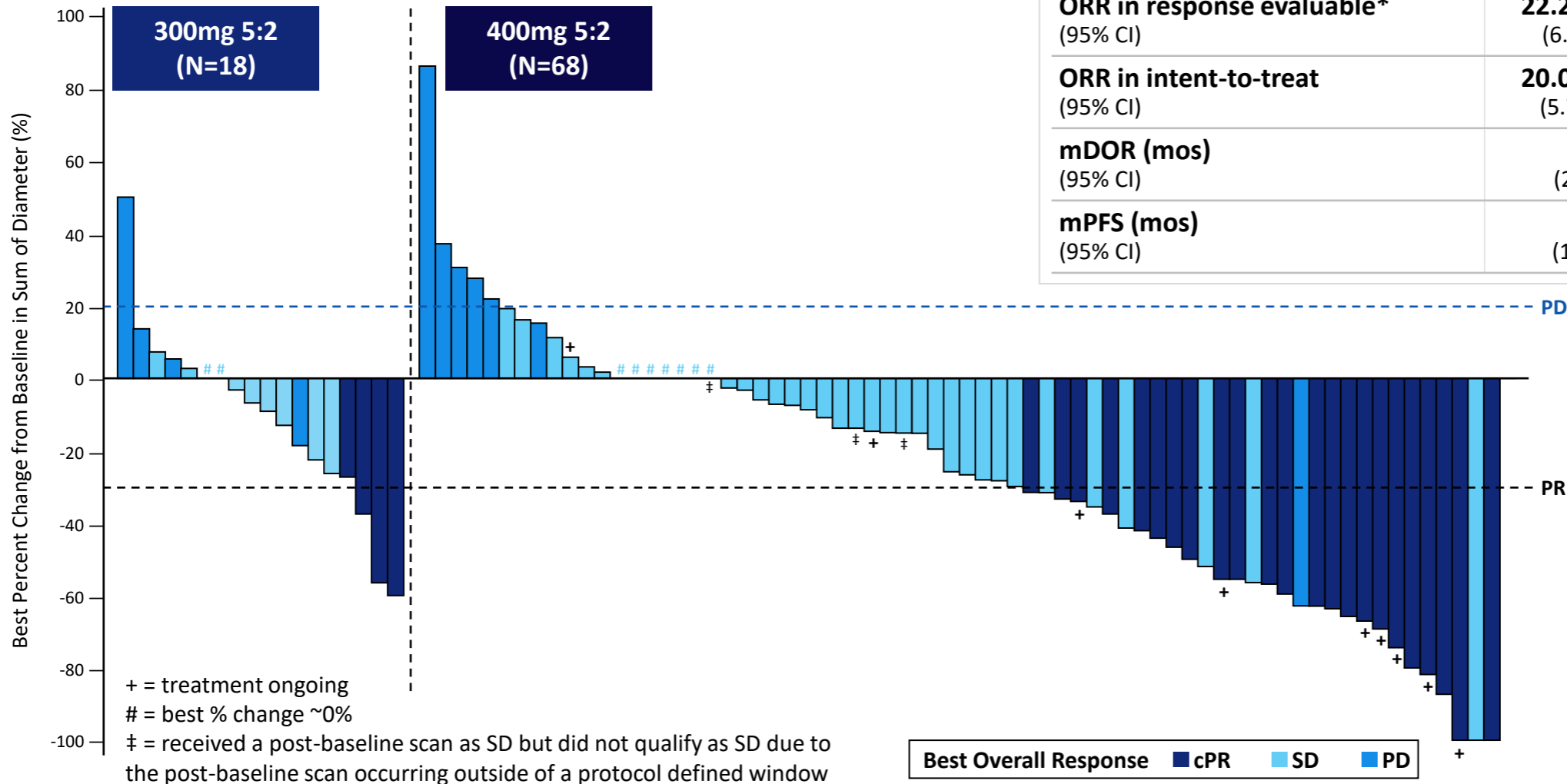
Treatment-related AEs*, N (%)	300mg (N=38)		400mg (N=165)	
	All Grade	Grade 3+	All Grade	Grade 3+
<b>Gastrointestinal</b>				
Decreased appetite	8 (21.1%)	1 (2.6%)	40 (24.2%)	2 (1.2%)
Diarrhea	18 (47.4%)	1 (2.6%)	86 (52.1%)	12 (7.3%)
Nausea	23 (60.5%)	0	101 (61.2%)	6 (3.6%)
Vomiting	3 (7.9%)	0	17 (10.3%)	3 (1.8%)
Dehydration	1 (2.6%)	0	14 (8.5%)	1 (0.6%)
<b>Fatigue</b>	14 (36.8%)	2 (5.3%)	90 (54.5%)	20 (12.1%)
<b>Sepsis</b>	0	0	4 (2.4%)	4 (2.4%)
<b>Hematologic</b>				
Anemia	13 (34.2%)	3 (7.9%)	53 (32.1%)	20 (12.1%)
Thrombocytopenia	13 (34.2%)	2 (5.3%)	36 (21.8%)	8 (4.8%)
Neutropenia	4 (10.5%)	3 (7.9%)	30 (18.2%)	21 (12.7%)
Febrile Neutropenia	0	0	4 (2.4%)	4 (2.4%)

Treatment-related AEs, N (%)	300mg (N=38)	400mg (N=165)
Treatment-Related SAE	6 (15.8%)	31 (18.8%)
TRAE leading to dose reduction	13 (34.2%)	69 (41.8%)
TRAE leading to dose interruption	16 (42.1%)	89 (53.9%)
TRAE leading to discontinuation	5 (13.2%)	26 (15.8%)
TRAE leading to death	0	3 (1.8%)

- While numerically different, broadly comparable safety profiles at 300mg and 400mg 5:2
- Low frequency of previously reported G5 TRAEs, G3+ febrile neutropenia and sepsis observed at 400mg 5:2

\* TRAEs listed here represent adverse events of special interest and adverse events of clinical significance for azenosertib and this class of molecules

# 400mg 5:2 Shows Meaningful Response Rates >30% and mDOR >5 mos



PROC, Cyclin E1+ (001, MAMMOTH, DENALI Part 1b)	300 mg 5:2	400 mg 5:2
<b>ORR in response evaluable*</b> (95% CI)	<b>22.2%</b> (4/18) (6.4 - 47.6)	<b>33.8%</b> (23/68) (22.8 - 46.3)
<b>ORR in intent-to-treat</b> (95% CI)	<b>20.0%</b> (4/20) (5.7 - 43.7)	<b>31.5%</b> (23/73) (21.1 - 43.4)
<b>mDOR (mos)</b> (95% CI)	<b>3.9</b> (2.8, NE)	<b>5.5</b> (3.5, 6.3)
<b>mPFS (mos)</b> (95% CI)	<b>4.1</b> (1.3, 6.6)	<b>4.4</b> (2.8, 6.8)

# Higher Response Rates and Longer PFS with Fewer Prior Lines of Therapy

*Subgroup Analysis by Prior Line of Therapy*  
*Cyclin E1+ PROC patients treated at 400mg QD 5:2 in 001, MAMMOTH and DENALI Part 1b*

	Overall	1-3 PLoT	4+ PLoT
<b>ORR in response evaluable*</b> (95% CI)	<b>33.8%</b> (23/68) (22.8 – 46.3)	<b>40.0%</b> (16/40) (24.9 – 56.7)	<b>25.0%</b> (7/28) (10.7 – 44.9)
<b>ORR in intent-to-treat</b> (95% CI)	<b>31.5%</b> (23/73) (21.1 – 43.4)	<b>36.4%</b> (16/44) (22.4 – 52.2)	<b>24.1%</b> (7/29) (10.3 – 43.5)
<b>mDOR (mos)</b> (95% CI)	<b>5.5</b> (3.5 – 6.3)	<b>5.5</b> (3.5 – 6.3)	<b>NE</b> (2.7 – NE)
<b>mPFS (mos)</b> (95% CI)	<b>4.4</b> (2.8 – 6.8)	<b>5.4</b> (2.8 – 6.8)	<b>4.1</b> (2.6 – 8.5)

\*Includes patients who received at least one post-treatment scan

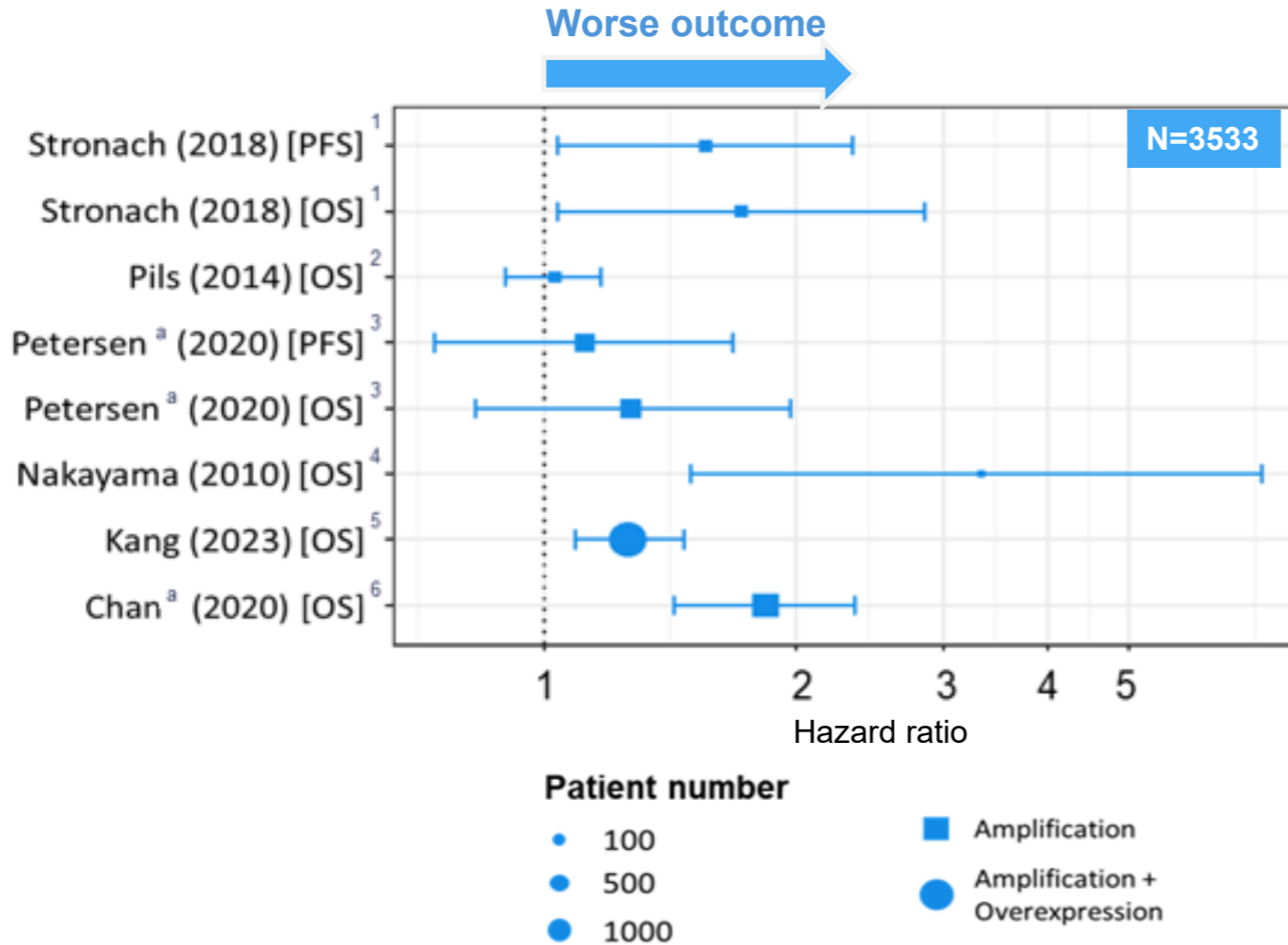
Abbreviations: CI, confidence interval; mDOR, median duration of response; mPFS, median progression free survival; NE, not estimable due to small number of subjects and events; PLoT, prior line of therapy

# DENALI Part 1b (ZN-c3-005)

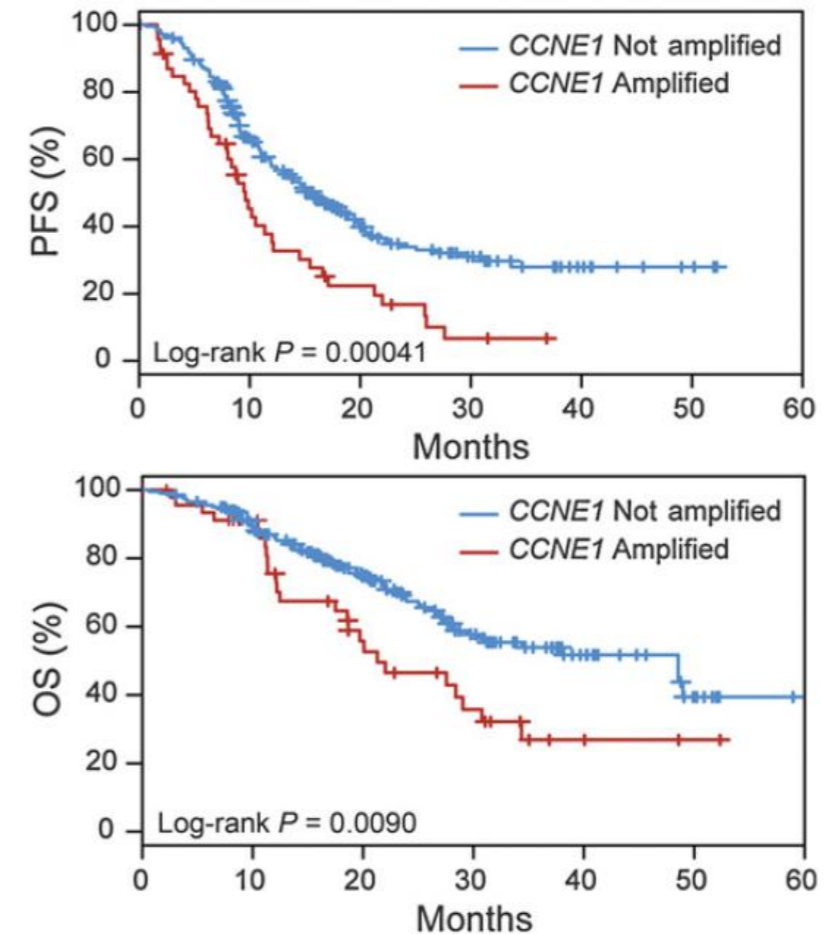
NCT05198804

*Updated data at SGO 2025, Data cutoff January 13, 2025*

# Ovarian Cancer Patients With Cyclin E1 Overexpression and/or *CCNE1* Amplified Ovarian Cancers Have Worse Outcomes



Survival according to *CCNE1* amplification status<sup>1</sup>



# DENALI Part 1b Evaluated 400mg 5:2 QD and Confirmed Cyclin E1 Biomarker

## Study Design

### Key Eligibility

- ✓ Platinum-resistant ovarian cancer
- ✓ 1-5 prior lines of therapy
- ✓ Tissue mandatory for biomarker assessment

Enrollment  
(N=102)

Azenosertib  
monotherapy  
400 mg QD 5:2

### Endpoints

ORR, DOR

PFS

Safety and Tolerability

Status



Part 1b Enrollment Complete

# DENALI Part 1b: Patient Baseline Characteristics

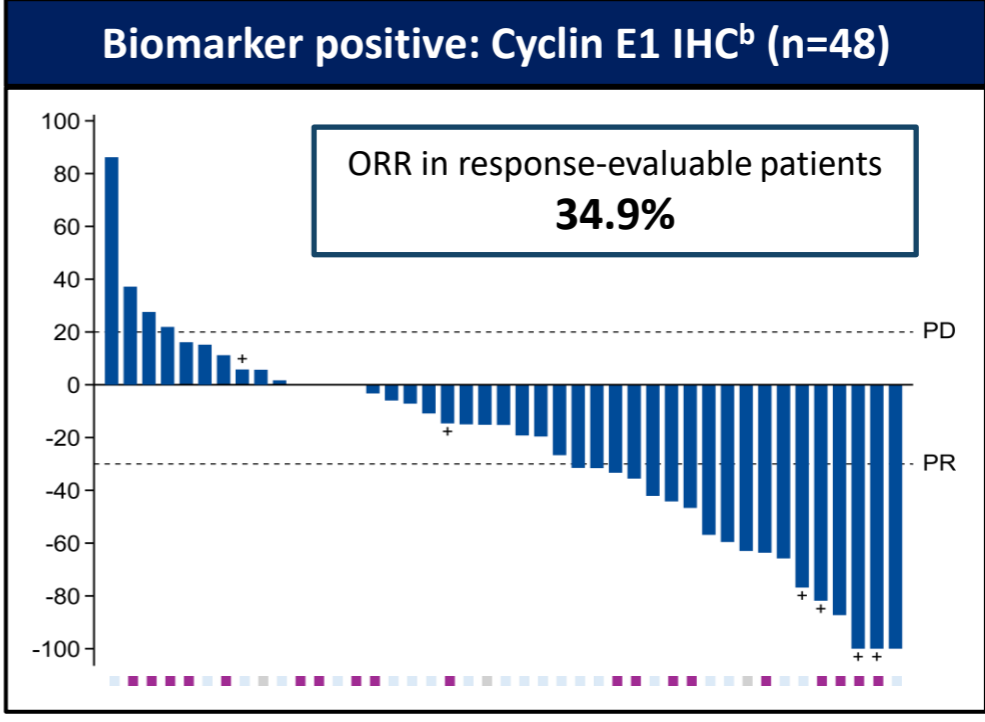
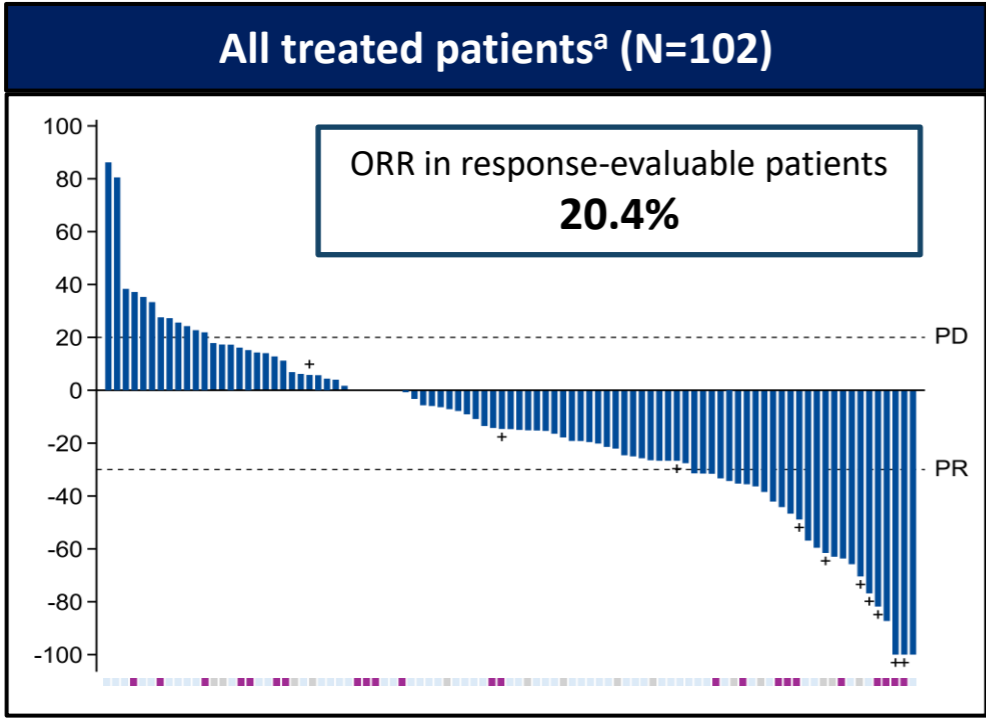
Characteristics <sup>a</sup> (N=102)	
Median age (range), years	66 (34-82)
<b>Race, n (%)</b>	
White	70 (69)
Black/African American	6 (6)
Asian	3 (3)
Other <sup>b</sup>	1 (1)
Not reported	22 (22)
<b>ECOG PS, n (%)</b>	
0	53 (52)
1	49 (48)
<b>Prior lines of treatment</b>	
Median (range)	3 (1-5)
1-2, n (%)	35 (34)
3-4, n (%)	57 (56)
5, n (%)	10 (10)

Characteristics <sup>a</sup> (N=102)	
<b>Prior therapy, n (%)</b>	
Bevacizumab	93 (91)
PARPi	57 (56)
Mirvetuximab	15 (15)
<b>CCNE1 amplification,<sup>c</sup></b>	
Evaluable, n	88
Amplified, n (%)	27 (31)
<b>Cyclin E1 status by IHC</b>	
Evaluable, n	94
IHC+, n (%)	48 (51)

- **Heavily pre-treated population: >65% with 3+ lines of therapy**
- **~50% of patients identified with Cyclin E1 overexpression per Zentalis IHC assay**

# Cyclin E1+ by IHC is a Biomarker Predicting Response to Azenosertib

Cyclin E1 IHC+

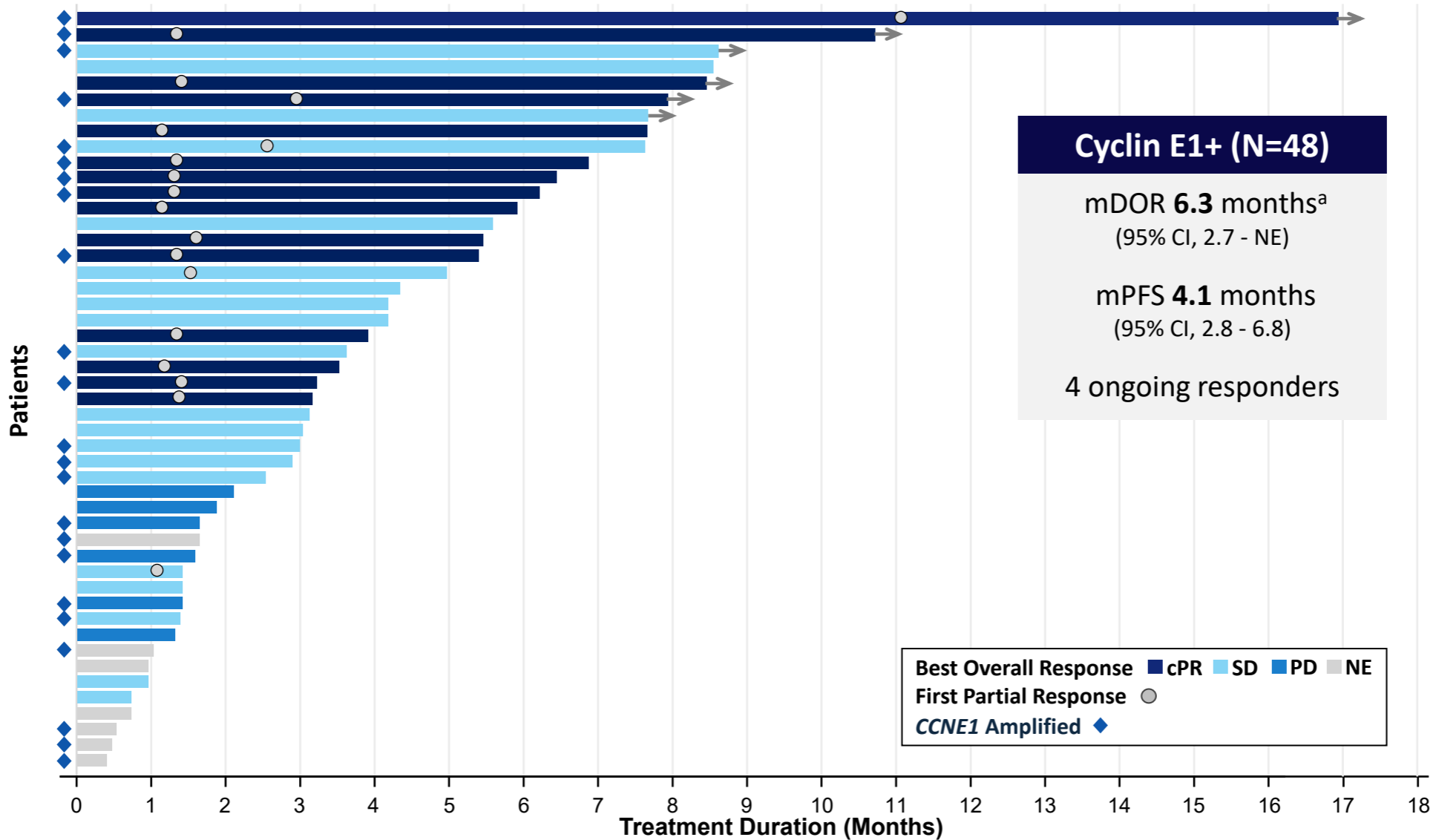


+ Treatment ongoing  
 CCNE1 Status:  
 ■ Amplified  
 ■ Non-amplified  
 ■ Not evaluable

	All treated patients (N=102)
ORR in response-evaluative <sup>c</sup> patients, % (n/N; 95% CI)	20.4 (19/93; 12.8-30.1)
ORR, ITT <sup>a</sup> % (n/N; 95% CI)	18.6 (19/102; 11.6-27.6)

	Cyclin E1 IHC+ (n=48)
ORR in response-evaluative <sup>c</sup> patients, % (n/N; 95% CI)	34.9 (15/43; 21.0-50.9)
ORR, ITT <sup>a</sup> % (n/N; 95% CI)	31.3 (15/48; 18.7-46.3)

# DENALI Part 1b: Duration of Response in Cyclin E1 IHC+ Ovarian Cancer

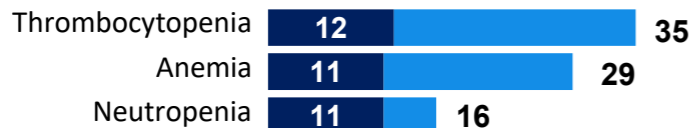


<sup>a</sup>mDOR is subject to change, there are 4 ongoing responders as of the January 13, 2025 data cutoff. IHC, immunohistochemistry; cPR, confirmed partial response; SD, stable disease; PD, progressive disease; mDOR, median duration of response; mPFS, median progression free survival; NE, not evaluable

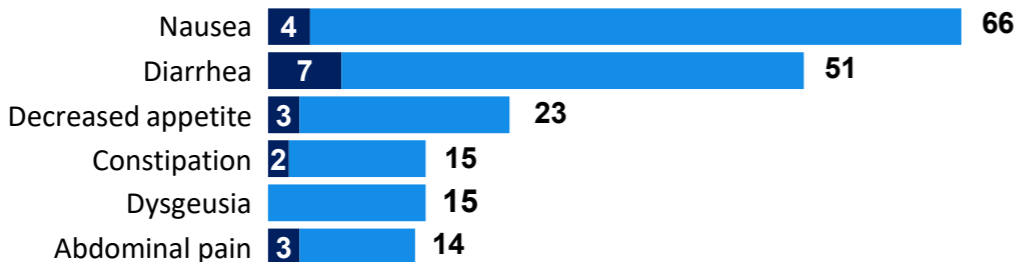
# DENALI Part 1b: Safety and Tolerability Summary

## TRAEs occurring in ≥10% of patients<sup>a</sup>

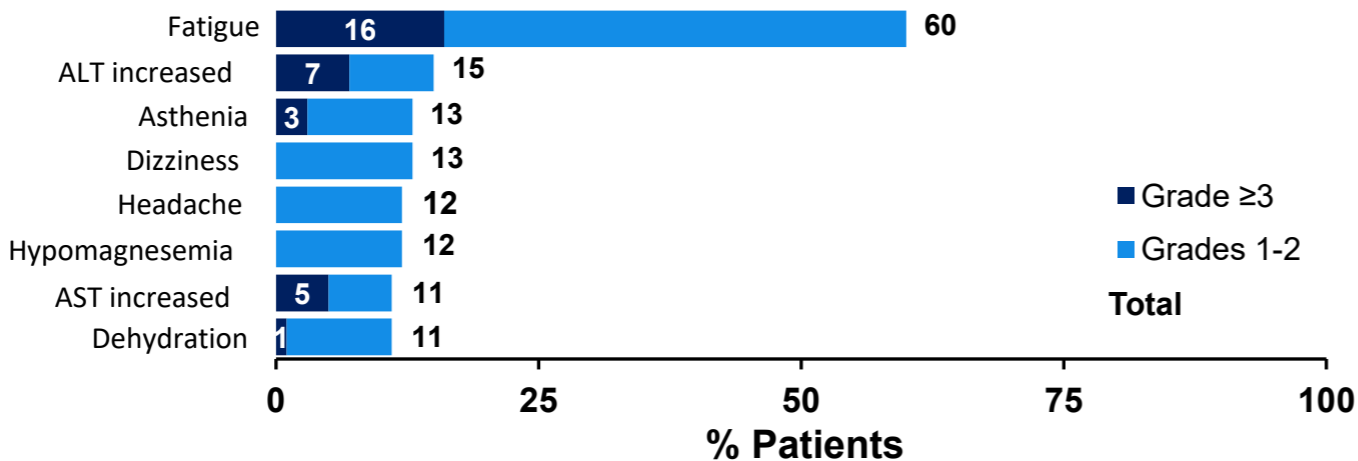
### Hematological



### Gastrointestinal



### Other



### TRAEs, n (%)

Leading to dose reduction 44 (43.1)

Leading to dose interruption 59 (57.8)

Leading to discontinuation 22 (21.6)

Leading to death 2 (2.0)<sup>b</sup>

**Serious TRAEs** 22 (21.6)



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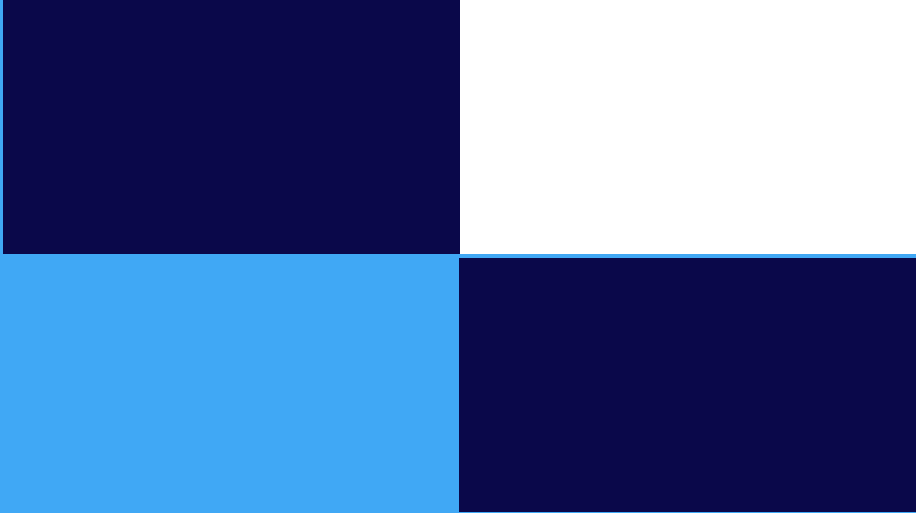
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# APPENDIX



# **ZN-c3-001 Dose-Escalating Monotherapy Study in Solid Tumors**

NCT04158336



# First-in-Human Phase 1 Dose and Schedule Optimization in Solid Tumors: Therapeutic Window Established

## Key Eligibility

- ✓ 1+ prior lines of therapy
- ✓ Solid tumor, PROC and USC enriched
- ✓ Tissue collected for biomarker analysis

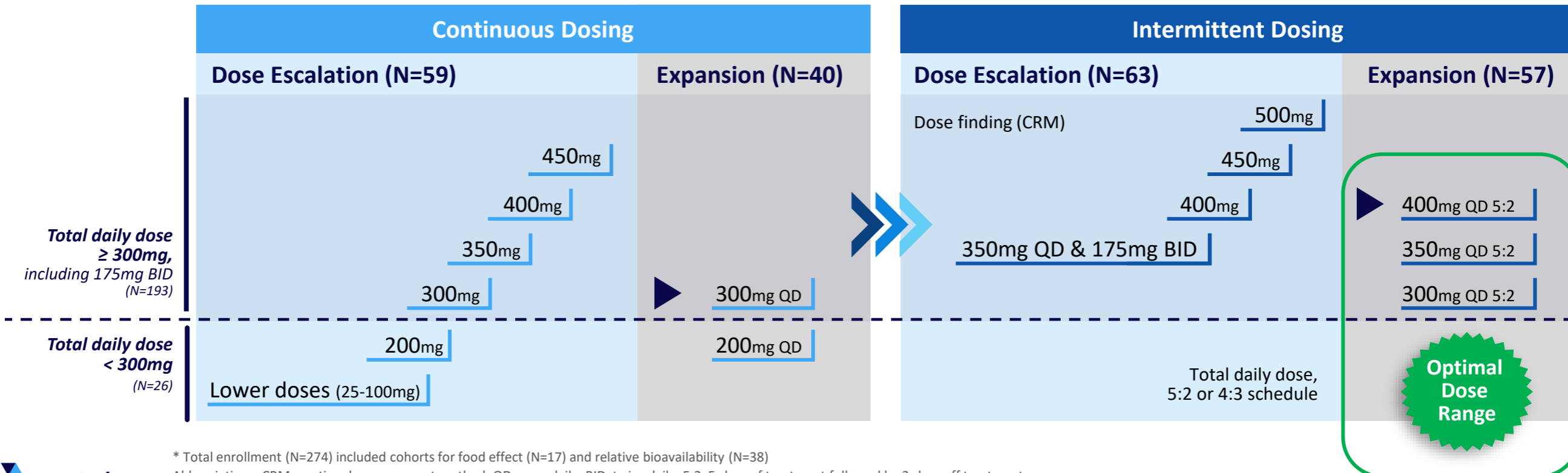
## Total Enrollment

N=274 across all tumor types and dose\*  
**N=193** at total daily dose ≥ 300mg; evaluated for safety and anti-tumor activity

## Status



Fully Enrolled



\* Total enrollment (N=274) included cohorts for food effect (N=17) and relative bioavailability (N=38)

Abbreviations: CRM, continual reassessment method; QD, once daily; BID, twice daily; 5:2, 5-days of treatment followed by 2-days off treatment; 4:3, 4-days of treatment followed by 3-days off treatment; DLT, dose limiting toxicity; PROC, platinum resistant ovarian cancer; USC, uterine serous carcinoma

# Heavily Pre-Treated Patient Population with Multiple Tumor Types; Patients with PROC had a Median of Five Prior Lines of Therapy

## Patient Demographics and Clinical Characteristics Total Daily Dose $\geq$ 300 mg – Continuous and Intermittent (N=193)

	PROC N = 69	USC N = 35	Other Solid Tumors* N = 89
<b>Age (years)</b>			
Median	66	66	64
Range (Min-Max)	(48 – 83)	(53 – 78)	(26 – 81)
<b>ECOG PS (n, %)</b>			
ECOG 0	19 (28%)	8 (23%)	32 (36%)
ECOG 1	50 (72%)	26 (74%)	54 (61%)
ECOG 2	0	1 (3%)	2 (2%)
<b>Prior Lines of Treatment</b>			
Median (Range)	5 (1 - 19)	3 (0 - 12)	4 (0 - 11)
0	0	1 (3%) <sup>†</sup>	1 (3%) <sup>‡</sup>
1-3	22 (32%)	22 (63%)	34 (36%)
$\geq$ 4	47 (68%)	12 (34%)	54 (61%)

	PROC N = 69	USC N = 35	Other Solid Tumors N = 89
<b>Prior Therapies (n, %)</b>			
PARPi	46 (67%)	3 (9%)	5 (6%)
VEGFi	60 (87%)	27 (77%)	39 (44%)
PD-1/PD-L1	12 (17%)	27 (77%)	35 (39%)
<b>Cyclin E1 Status (n, %)</b>			
Positive	26 (38%)	15 (43%)	9 (10%)
Negative	29 (42%)	11 (31%)	25 (28%)
Unknown	14 (20%)	9 (26%)	55 (62%)

\*Anus, Appendix, Biliary tract, Bladder, Breast, Cecum, Cervix, Colon, Duodenum, Endometrium, Esophagus, Kidney, Lung, Other, Ovary, Pancreas, Peritoneum, Prostate, Rectum, Stomach, Uterus, Vulva/Vagina, including one patient who had unknown ECOG status; <sup>†</sup> patient had no prior therapy; <sup>‡</sup> patient rolled over from the DDI study

Abbreviations: ECOG PS, Eastern Cooperative Oncology Group performance status; SD, standard deviation; PARPi, poly-ADP ribose polymerase inhibitor; VEGFi, vascular endothelial growth factor inhibitor; PD-1/PD-L1, programmed cell death protein 1/programmed death ligand 1.

# Tolerable at Active Dose Levels Across Tumor Types

## Safety Profile

Total Daily Dose  $\geq$  300 mg – Continuous and Intermittent (N=193)



Treatment Related AEs*, n (%)	All Grade	Grade 3+
<b>Gastrointestinal</b>		
Decreased appetite	52 (26.9%)	3 (1.6%)
Diarrhea	100 (51.8%)	15 (7.8%)
Nausea	117 (60.6%)	8 (4.1%)
Vomiting	49 (25.4%)	2 (1.0%)
Dehydration	22 (11.4%)	1 (0.5%)
<b>Fatigue</b>	113 (58.5)	26 (13.5%)
<b>Hematologic</b>		
Anemia	58 (30.1%)	22 (11.4%)
Thrombocytopenia	51 (26.4%)	21 (10.9%)
Neutropenia	29 (15.0%)	25 (13.0%)
Febrile Neutropenia	2 (1.0%)	2 (1.0%)

\*TRAEs listed here represent adverse events of special interest and adverse events of clinical significance for azenosertib and this class of molecules

Treatment Related AEs, n (%)	
Treatment-Related SAE	19 (9.8%)
TRAE leading to dose reduction	76 (39.4%)
TRAE leading to dose interruption	78 (40.4%)
TRAE leading to discontinuation	10 (5.2%)
TRAE leading to death	1 (0.5%)

- No gastrointestinal TRAE > G3 observed
- Low rate of G3+ TR hematological toxicities, the majority G3
- Low rate of TRAE leading to treatment discontinuation
- One G5 TRAE previously reported

# Azenosertib Demonstrated Encouraging ORR and DOR at ≥300mg Total Daily Dose, Intermittent in PROC

Clinical Activity Overview - Total Daily Doses ≥ 300 mg - Continuous and Intermittent (N=193)

Tumor Type	PROC				USC				Other Solid Tumors			
	Intermittent		Continuous		Intermittent		Continuous		Intermittent		Continuous	
Dose Schedule	Intermittent		Continuous		Intermittent		Continuous		Intermittent		Continuous	
Cyclin E1 IHC Status	All	Cyclin E1+	All	Cyclin E1+	All	Cyclin E1+	All	Cyclin E1+	All	Cyclin E1+	All	Cyclin E1+
Number of Patients	58	23	11	3	19	11	16	4	43	4	46	5
ORR, (%), n (95% CI)	20.7%, (12/58) (11.2 - 33.4)	34.8%, (8/23) (16.4 - 57.3)	18.8% (2/11) (2.3 - 51.8)	33.3% (1/3) (0.8 - 90.6)	26.3% (5/19) (9.2 - 51.2)	36.4% (4/11) (10.9 - 69.2)	18.8% (3/16) (4.1 - 45.7)	25.0% (1/4) (0.6 - 80.6)	2.3% (1/4) (0.1 - 12.3)	0.0% (0/4) (0.0 - 60.2)	4.3% (2/46) (0.5 - 14.8)	0.0% (0/5) (0.0 - 52.2)
mDOR (mos) (95% CI)	5.1 (3.0, 5.9)	5.2 (2.8, 6.9)	7.1 (4.2, NE)	4.2 (NE, NE)	5.5 (5.4, NE)	5.5 (5.4, NE)	5.6 (4.1, NE)	6.9 (NE, NE)	4.3 (NE, NE)	NA	3.3 (3.0, NE)	NA

Greater anti-tumor activity seen with intermittent dosing schedule and Cyclin E1+ patients  
Results direct focused development on doses of 300 and 400 mg at intermittent dosing schedule

# Key Takeaways from ZN-c3-001



**Meaningful therapeutic window identified providing a favorable risk-benefit profile in Cyclin E1<sup>+</sup> PROC patients at total daily doses of 300 and 400mg QD 5:2**

- **Azenosertib studied in a large patient population across multiple tumor types**
- **Platinum-resistant ovarian cancer (PROC) identified as an indication particularly susceptible to WEE1 inhibition**
- **Cyclin E1 identified as predictive biomarker for response to azenosertib**

# MAMMOTH (ZN-c3-006)

NCT05198804

# MAMMOTH: Two Clinically-active Monotherapy Doses Studied in Heavily Pre-treated, PARPi-resistant PROC Patient Population

## Study Design

### Key Eligibility

- ✓ 1-5 prior lines of therapy
- ✓ Platinum-resistant, progressed while receiving an approved PARP inhibitor
- ✓ Mandatory sufficient tissue for biomarker analysis

Enrollment  
(N=117)

**Azenosertib  
monotherapy**  
300 or 400 mg QD 5:2  
(N=61)

**Azenosertib + niraparib**  
Concurrent schedule  
(N=28)

**Azenosertib + niraparib**  
Alternating schedule  
(N=28)

### Endpoints

ORR, DOR

PFS

Safety and Tolerability

Status



Enrollment Complete

# Heavily Pre-Treated PARPi-resistant PROC Population

## Patient Demographics and Clinical Characteristics Monotherapy Cohorts Only

	300 mg 5:2 (N=25)	400 mg 5:2 (N=36)
<b>Age (years)</b>		
Median	71.0	63.0
Range (Min-Max)	45 – 80	31 - 84
<b>ECOG PS (n, %)</b>		
ECOG 0	7 (28%)	16 (44%)
ECOG 1	18 (72%)	20 (56%)
<b>Prior Lines of Treatment (n, %)</b>		
1-3	15 (60%)	20 (56%)
≥4	10 (40%)	16 (44%)
PARP	25 (100%)	36 (100%)
Bevacizumab	24 (96%)	34 (94%)
<b>Cyclin E1 Status (n, %)</b>		
Positive	13 (52%)	16 (44%)
Negative	10 (40%)	15 (42%)
Unknown	2 (8%)	5 (14%)

Abbreviations: QD, once daily; 5:2, 5-days of treatment followed by 2-days off treatment; ORR, objective response rate; DOR, duration of response; PFS, progression-free survival, PROC, platinum-resistant ovarian cancer

# Well-characterized Safety and Tolerability in PROC Monotherapy Cohorts at 300mg QD and 400mg QD (5:2) Doses

## Azenosertib Monotherapy 300 mg & 400mg QD (5:2)

Treatment-related AEs*, N (%)	300mg (N=25)		400mg (N=36)	
	All Grade	Grade 3+	All Grade	Grade 3+
<b>Gastrointestinal</b>				
Decreased appetite	7 (28.0%)	1 (4.0%)	11 (30.6%)	0
Diarrhea	13 (52.0%)	0	17 (47.2%)	4 (11.1%)
Nausea	15 (60.0%)	0	19 (52.8%)	1 (2.8%)
Vomiting	2 (8.0%)	0	4 (11.1%)	1 (2.8%)
Dehydration	0	0	0	0
<b>Fatigue</b>	6 (24.0%)	1 (4.0%)	11 (30.6%)	1 (2.8%)
<b>Sepsis</b>	0	0	1 (2.8%)	1 (2.8%)
<b>Hematologic</b>				
Anemia	10 (40.0%)	3 (12.0%)	14 (38.9%)	6 (16.7%)
Thrombocytopenia	8 (32.0%)	2 (8.0%)	13 (36.1%)	4 (11.1%)
Neutropenia	4 (12.0%)	3 (12.0%)	8 (22.2%)	5 (13.9%)
Febrile Neutropenia	0	0	1 (2.8%)	1 (2.8%)

\* TRAEs listed here represent adverse events of special interest and adverse events of clinical significance for azenosertib and this class of molecules

Treatment-related AEs, N (%)	300mg (N=25)	400mg (N=36)
Treatment-Related SAE	4 (16.0%)	5 (13.9%)
TRAE leading to dose reduction	11 (44.0%)	15 (41.7%)
TRAE leading to dose interruption	11 (44.0%)	14 (38.9%)
TRAE leading to discontinuation	4 (16.0%)	2 (5.6%)
TRAE leading to death	0 (0.0%)	1 (2.8%)

- Similar rates of TR SAEs across doses
- Low rate of TR G3+ hematological toxicities with the majority being G3 events (only one G4 febrile neutropenia and one sepsis event)
- Low rate of TRAEs leading to treatment discontinuation
- One G5 TRAE previously reported

# Azenosertib Demonstrated Clinically Meaningful Responses in PARPi-resistant Monotherapy Cohorts

Azenosertib Monotherapy 300 mg & 400mg QD (5:2)				
Dose and Schedule	300mg 5:2		400mg 5:2	
Cyclin E1 IHC Status	All	Cyclin E1+	All	Cyclin E1+
Number of Patients	25	14	36	16
ORR, (%), n (95% CI)	20.0% (5/25) (6.8 - 40.7)	21.4% (3/14) (4.7 - 50.8)	22.2% (8/36) (10.1 - 39.2)	<b>31.3% (5/16) (11.0 - 58.7)</b>
mDOR, months (95% CI)	4.9 (2.8 - NE*)	4.9 (3.0 - NE*)	5.5 (2.7 - NE*)	4.2 (3.0 - NE*)

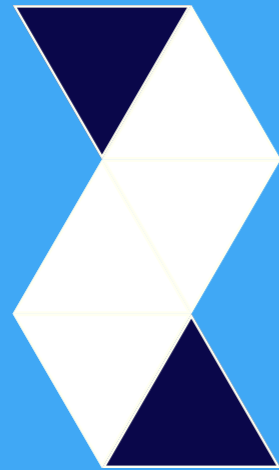
**400mg 5:2 shows numerically better ORR in Cyclin E1+ PROC patients compared to 300mg 5:2**

# Key Takeaways from MAMMOTH Monotherapy Cohort



## Learnings continue to support development of azenosertib in Cyclin E1+ PROC

- Consistent antitumor activity in PARPi-resistant patients
- Tolerability and toxicity consistent with 001 study and similar between the assessed doses
- 400mg QD 5:2 showed numerically higher response rates than 300mg QD 5:2



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