



# Vepdegestrant program update

- Phase 1b data: combination trial with  
palbociclib
- Development plan update

San Antonio Breast Cancer Symposium  
December 6, 2023



# Safe harbor and forward-looking statements: Arvinas



This presentation contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995 that involve substantial risks and uncertainties, including statements regarding the potential for vepdegestrant (ARV-471) to become a best-in-class estrogen receptor targeting therapy, the market opportunity for vepdegestrant, and the timing related to initiation, data readout, dose selection and health authority feedback for expected future trials of vepdegestrant, including any combination studies. The words “anticipate,” “believe,” “estimate,” “expect,” “intend,” “may,” “might,” “plan,” “predict,” “project,” “target,” “potential,” “will,” “would,” “could,” “should,” “continue,” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

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# Forward-looking Statements and Other Notices: Pfizer



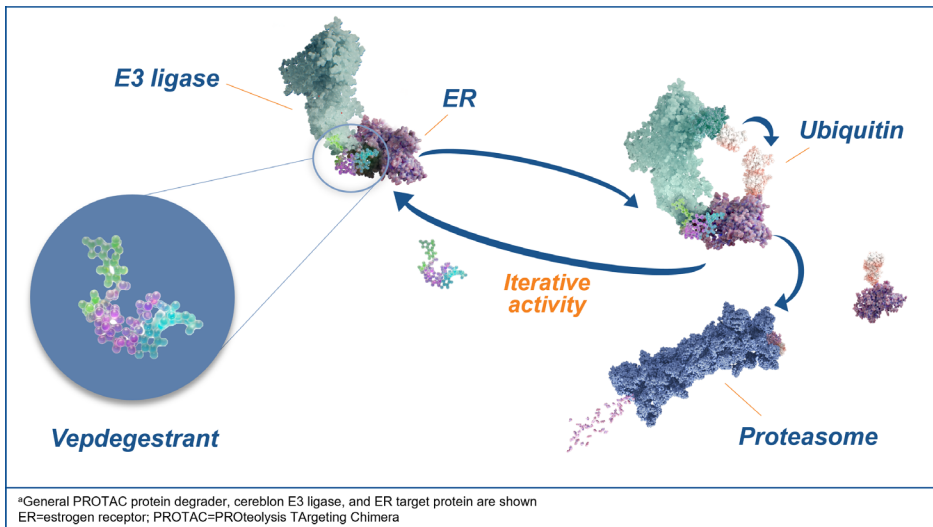
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# Introduction



# Vepdegestrant: Potential best-in-class PROTAC<sup>®</sup> ER-targeting therapy for patients with ER+/HER2- breast cancer



- Vepdegestrant degrades **wild-type and ESRI-mutant** estrogen receptor (ER) to directly inhibit signaling pathways
- More than **350 patients and healthy volunteers** have been treated with vepdegestrant across **12 clinical trials**
- Consistent and compelling data in **heavily pre-treated patients**

Vepdegestrant could be a backbone ER therapy in the ~\$17B ER+/HER2- metastatic breast cancer space<sup>1</sup>

# Our expanded clinical development program is designed to position vepdegestrant as a backbone ER-targeting therapy in breast cancer



Adjuvant (Post-Surgical)  
Breast Cancer (~190K<sup>1</sup>)

Metastatic Breast Cancer (~60K<sup>1</sup>)

**TACTIVE-N neoadjuvant trial  
to inform potential  
adjuvant trial**

## First Line

VERITAC-3 combination  
**pivotal trial** (SLI enrolling)  
• vepdeg + palbo combo

## Second/Third Line

VERITAC-2 monotherapy  
**pivotal trial** (enrolling)

TACTIVE-E everolimus  
combination trial

Ph 1b combo with CDK4i  
(PF-07220060)

TACTIVE-U combo trial: Vepdeg + Ribo / Abema / CDK7i

Active Trials

Planned trials

### **Pending further data and regulatory agreement:**

**Planned: Phase 3**  
Vepdeg+CDK4i (PF-07220060) combination

New

**Planned: Phase 3** Vepdeg  
combo with palbo and  
potentially other CDK4/6i

New

# Updated vepdeg monotherapy data in the VERITAC Phase 2 trial reinforces durable activity



- SABCS poster (poster P03-05-08) shows continued<sup>a</sup> durable activity and favorable tolerability in heavily pre-treated<sup>b</sup> patients enrolled in the Phase 2 VERITAC trial
  - 40% of patients received vepdegestrant for  $\geq 24$  weeks; 11% received treatment for  $\geq 48$  weeks. 1 patient remained on treatment  $\geq 79$  weeks at time of data cutoff<sup>c</sup>
- In post-hoc analysis, of the 8 patients in the Phase 2 VERITAC trial who would meet eligibility criteria for Phase 3 VERITAC-2 trial (no prior fulvestrant, no prior chemotherapy for locally advanced/metastatic disease):

<b>Clinical Benefit Rate</b>	62.5% (5 of 8 patients)
<b>Median Progression Free Survival</b>	19 months (4 of 8 events)
<b>Objective Response Rate</b>	29% (7 evaluable patients, 2 confirmed responses)

## Readout of VERITAC-2 expected in 2H24

# Results from Phase 1b trial with vepdegestrant + palbociclib set the stage for multiple paths forward as combination regimen



- Interim vepdeg plus palbociclib data showed compelling signals of efficacy
  - **Objective Response Rate: 42%** (ESR1 mutant, 47%; ESR1 wild-type, 42%)
    - **Median duration of response: 10.2 months**
  - **Median PFS: 11.1 months** (ESR1 mutant, 11.0; ESR1 wild-type, 11.1)
  - **Clinical benefit rate: 63%** (ESR1 mutant, 74%; ESR1 wild-type, 53%)
- Safety was manageable, with standard on-label dose reductions of palbociclib resulting in a 72% decline in Grade 4 neutropenia in subsequent cycle
  - **No febrile neutropenia**, low rates of discontinuation, and at patients' final doses of palbociclib, only 5 of 46 (11%) had Grade 4 neutropenia
    - Similar to rates in PALOMA-2 (10%) and PALOMA-3 (11%)<sup>1,2</sup>



# Vepdegestrant Phase 1b combination with palbociclib

*San Antonio Breast Cancer  
Symposium*

*Poster Spotlight Session*

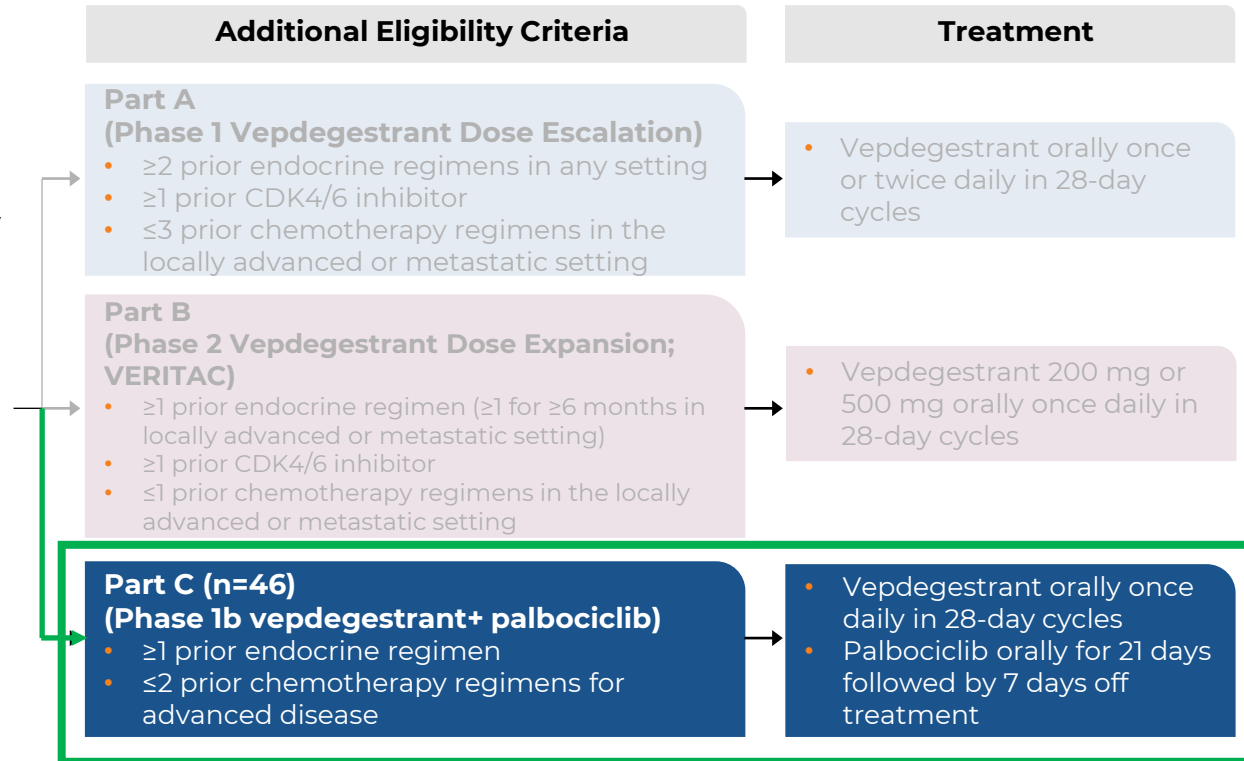


# Clinical program includes combination with palbociclib to inform potential of vepdegestrant as backbone ER therapy



## Common Eligibility Criteria for First-In-Human:

- Histologically or cytologically confirmed ER+ and HER2-advanced breast cancer
- Measurable or non-measurable disease per RECIST criteria v1.1



[NCT04072952](https://clinicaltrials.gov/ct2/show/study/NCT04072952)

# Patients in the Phase 1b combination trial were heavily pre-treated with multiple lines of therapy



Baseline characteristics		Baseline characteristics	
Characteristic	Total (N=46)	Characteristic	Total (N=46)
Sex, n (%)		Baseline <i>ESR1</i> status, n (%) <sup>a</sup>	
Female	45 (98)	Mutant	29 (63)
Median age, y (range)	62 (29–78)	Wild-type	15 (33)
ECOG PS, n (%) <sup>a</sup>		Median no. of prior regimens (range)	
0	32 (70)	<b>Any setting</b>	<b>4 (1–11)</b>
1	14 (30)	Metastatic setting	3 (0–7)
<b>Visceral disease, n (%)</b>	<b>33 (72)</b>	Type of prior therapy, n (%)	
Sites of metastasis, n (%)		<b>CDK4/6 inhibitor</b>	<b>40 (87)</b>
Bone	34 (74)	<b>Palbociclib</b>	<b>36 (78)</b>
Liver	22 (48)	Aromatase inhibitor	44 (96)
Lung	14 (30)	<b>Fulvestrant</b>	<b>37 (80)</b>
Other	7 (15)	<b>Chemotherapy</b>	
		<b>Any setting</b>	<b>35 (76)</b>
		<b>Metastatic setting</b>	<b>21 (46)</b>

# Prior combination trials to establish potential of CDK4/6i after CDK4/6i in the 2L+ setting



**Data are not from head-to-head studies. Cross-trial data interpretation should be considered with caution; limited by differences in study population and other factors**

Trial (Phase)	Combination Treatment	Prior Fulvestrant	Prior CDK4/6	Prior chemo in mBC	CBR <sup>a</sup>	ORR <sup>b</sup>	PFS (months)
<b>PACE (Phase 2)<sup>1</sup></b>	Fulvestrant + palbociclib	0%	100%	14.4%	32.4%	13.7%	4.6
<b>BioPER (Phase 2)<sup>2</sup></b>	Palbociclib + physician's choice ET <sup>c</sup> ; 56% fulvestrant as ET	43.8%	100%	12.5%	34.4%	6.3%	2.6
<b>MAINTAIN (Phase 2)<sup>3</sup></b>	Ribociclib + switch ET <sup>d</sup> ; 82% fulvestrant as ET	16.8%	100%	6.7%	42.9%	20.0%	5.3
<b>PALMIRA (Phase 2)<sup>4</sup></b>	ET <sup>e</sup> + palbociclib	11.8%	100%	0%	41.9%	6.4%	4.9

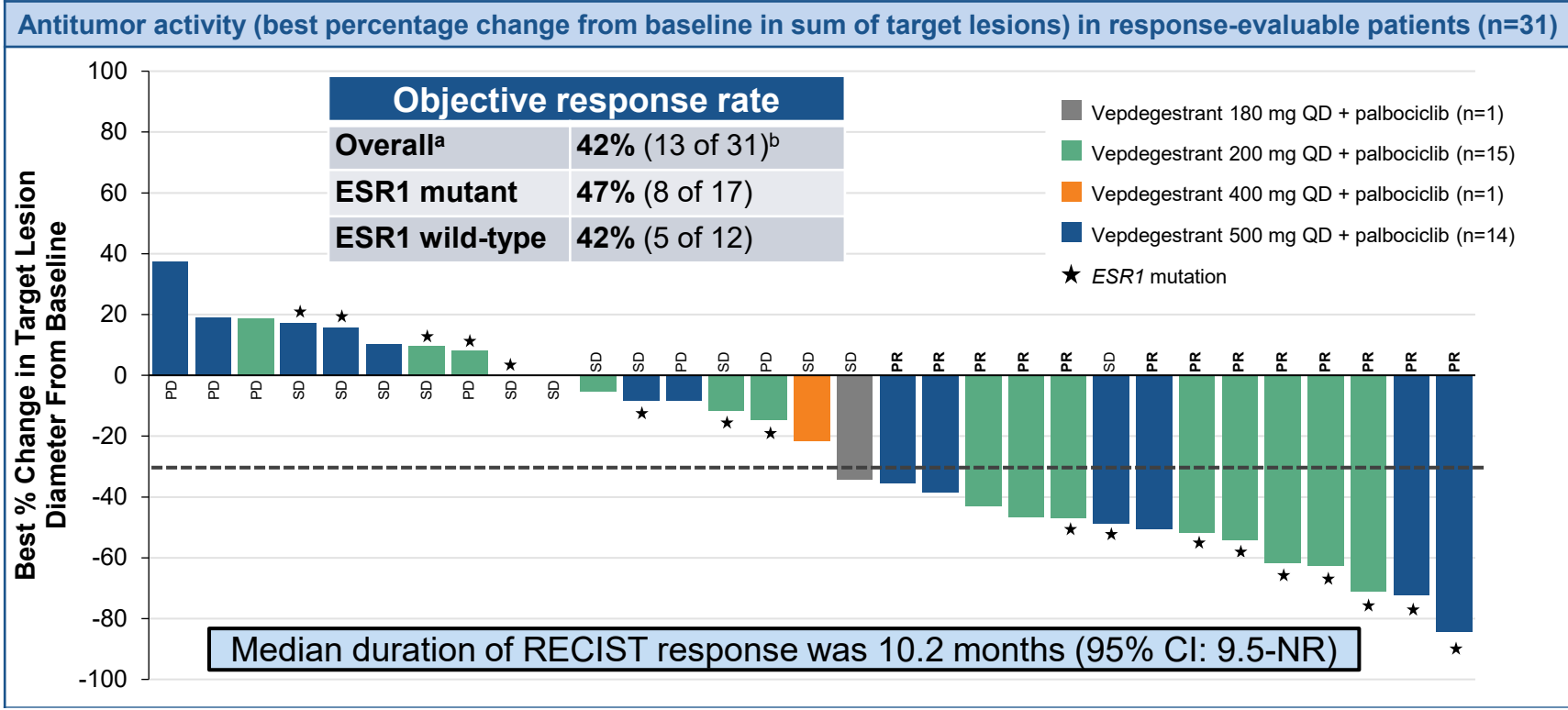
<sup>a</sup>In evaluable patients. <sup>b</sup>Evaluable patients with measurable disease at baseline. <sup>c</sup>Included tamoxifen, exemestane, fulvestrant, anastrozole, or letrozole.

<sup>d</sup>Fulvestrant for prior aromatase inhibitor and exemestane for prior fulvestrant; <sup>e</sup>Fulvestrant or letrozole

CDK, cyclin-dependent kinase; mBC, metastatic breast cancer; CBR, clinical benefit rate; ORR, objective response rate; PFS, progression free survival

1. Mayer E et al SABCs 2022. 2. Albanell J et al. Clin Cancer Res 2023. 3. Kalinsky K et al. J Clin Oncol 2023. 4. Llombart-Cussac A et al. ASCO 2023.

# In phase 1b trial, vepdegestrant plus palbociclib achieved robust antitumor activity in patients regardless of ESR1 status

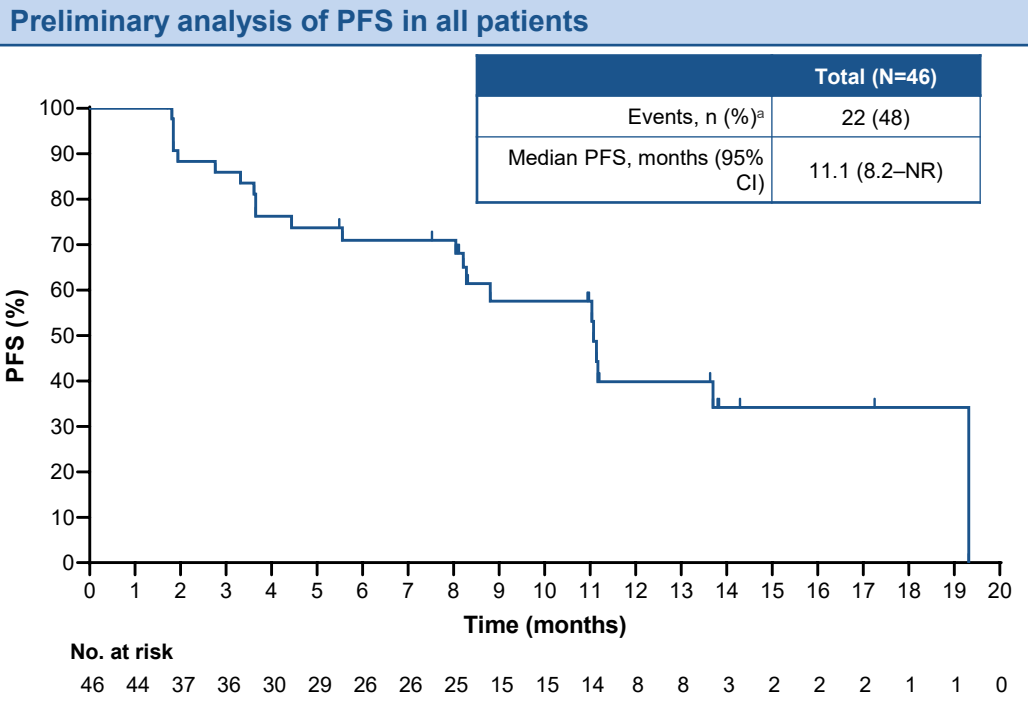


<sup>a</sup>Two patients had an unknown ESR1 status and both were non-responders. <sup>b</sup>In evaluable patients with prior CDK4/6i treatment (n=26), the ORR was 38%; in patients without prior CDK4/6i (n=5), the ORR was 60%  
 ESR1, estrogen receptor 1 gene; PR, confirmed partial response; PD, progressive disease; SD, stable disease; QD, once daily

# Progression-free survival results in Phase 1b trial support durability of antitumor activity in heavily pre-treated patients



- **Robust mPFS regardless of ESRI status**
  - **Overall (ITT): 11.1 months (n=46; 48% of events reported)<sup>b</sup>**
  - **ESR1 mutant: 11.0 months (n=29)**
  - **ESR1 wild type (n=15) + unknown<sup>a</sup> (n=2): 11.1 months**
- Secondary PFS subset analysis:
  - Patients with prior CDK4/6i treatment (n=40): 11.0 months
  - Patients with no prior CDK4/6i treatment (n=6): 19.3 months (2 of 6 events)

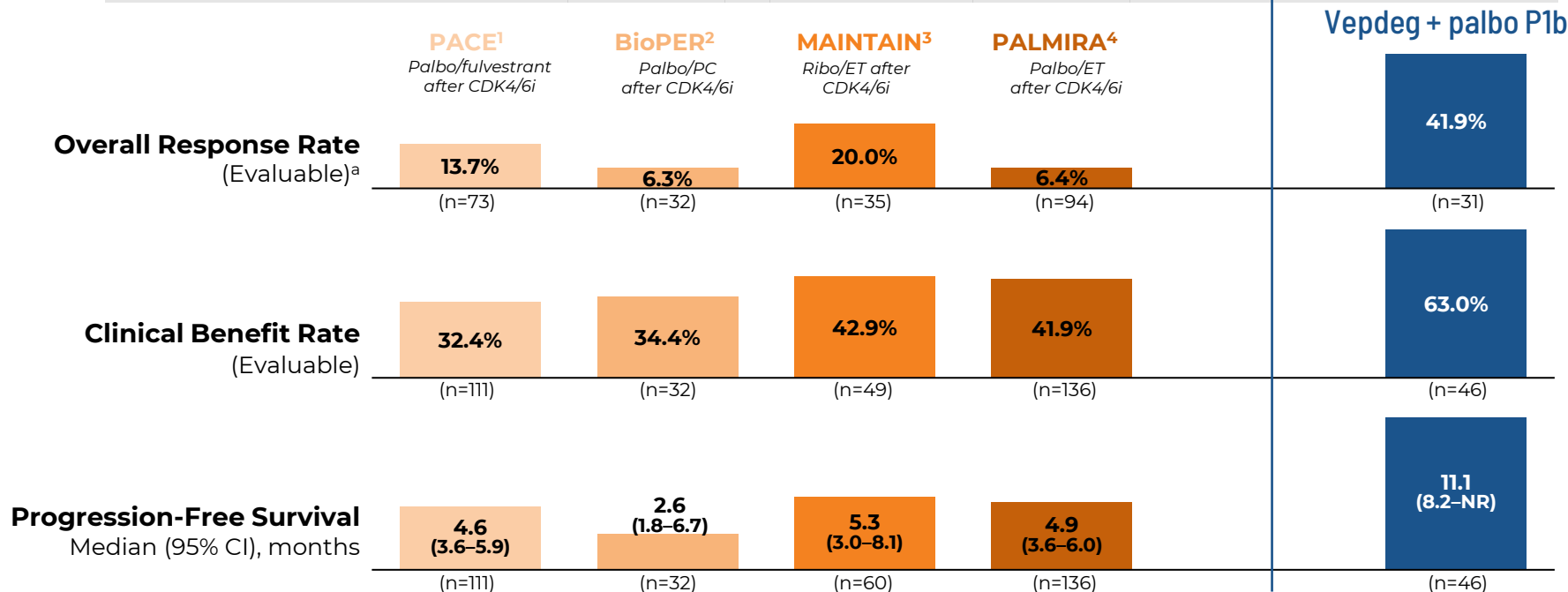


# Efficacy measures in prior CDK4/6i-after-CDK4/6i trials

Data below are not from head-to-head studies. Cross-trial data interpretation should be considered with caution as it is limited by differences in study population and many other factors.



<b>Prior CDK4/6i</b>	100%	100%	100%	100%	87.0%
<b>Prior chemo for mBC</b>	14.4%	12.5%	6.7%	0%	45.7%
<b>Prior fulvestrant</b>	0%	43.8%	16.8%	11.8%	80.0%



<sup>a</sup>Patients with measurable disease at baseline (two patients had an unknown ESRI status and both were non-responders). CDK, cyclin-dependent kinase; ET, endocrine therapy; NR, not reported; PC, physician's choice endocrine therapy. NR, not reported; 1. Mayer E et al SABCs 2022.2. Albanell J et al. Clin Cancer Res 2023. 3. Kalinsky K et al. J Clin Oncol 2023. 4. Llombart-Cussac A et al. ASCO 2023.

# Manageable tolerability, with TRAEs generally consistent with the known profiles of palbo and observations from other clinical trials with vepdeg



TRAEs attributed to either vepdegestrant or palbociclib in ≥10% of total population			
n (%)	Total (N=46) <sup>a</sup>		
	Any grade	Grade 3	Grade 4
Neutropenia	46 (100)	22 (48)	19 (41)
Fatigue	28 (61)	2 (4)	0
Decreased platelet count	23 (50)	4 (9)	1 (2)
Anemia	16 (35)	3 (7)	0
Decreased WBC count	12 (26)	5 (11)	2 (4)
Constipation	11 (24)	0	0
QT prolonged <sup>b</sup>	10 (22)	1 (2)	0
Diarrhea	8 (17)	0	0
Nausea	8 (17)	0	0
Hot flush	7 (15)	0	0
Alopecia	6 (13)	NA	NA
Arthralgia	6 (13)	0	0
Decreased appetite	5 (11)	1 (2)	0
Vomiting	5 (11)	0	0

- Higher rates of Gr 4 neutropenia linked to ~50% higher palbo exposure due to the combination with vepdeg vs. PALOMA trials
  - 3 of 46 patients discontinued palbociclib due to neutropenia
  - No febrile neutropenia
- Neutropenia managed with standard, on-label palbociclib dose reductions
- All QT cases were retrospectively reviewed by independent cardiologist, concluding no evidence of QT prolongation
  - Patients with baseline grade 1 QT prolongation were eligible for the study, and 9 patients had grade 1 QT prolonged
- Safety profile consistent across all doses of vepdegestrant

<sup>a</sup>Includes 2 patients who received vepdegestrant 180 mg QD and 3 patients who received vepdegestrant 400 mg QD. <sup>b</sup>1 patient with grade 3 QT prolonged had left bundle branch block at baseline and continued study treatment.

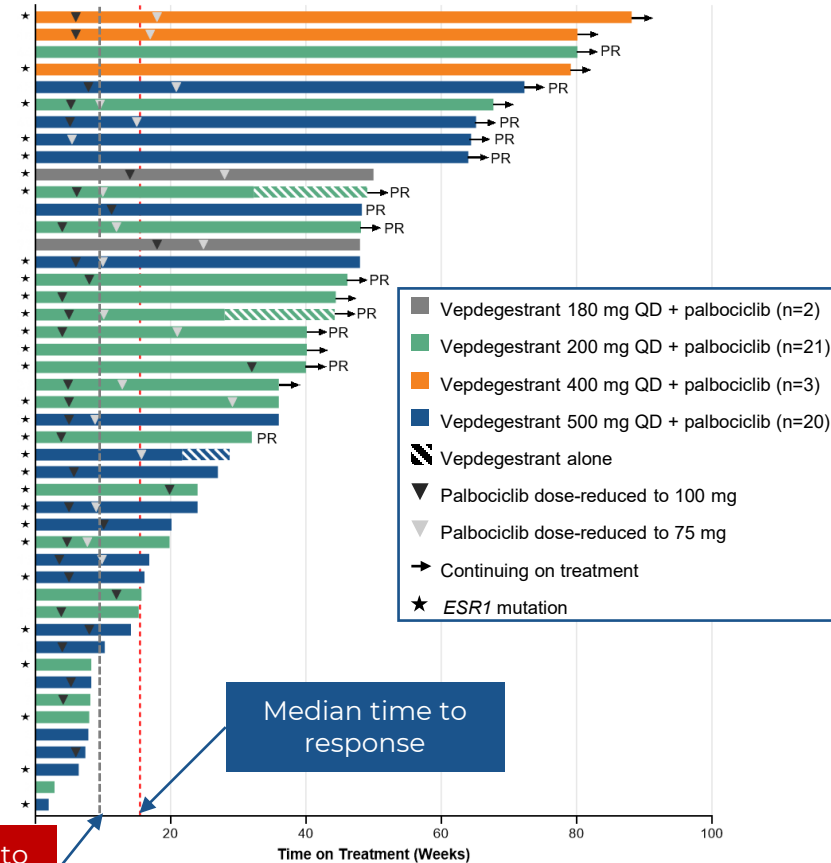
NA, not applicable; QD, once daily; TRAE, treatment-related adverse event; WBC, white blood cell



# Strong durability of vepdeg + palbo combination treatment after standard dose reductions of palbo



- Dose reductions occurred early (median, 38 days), well before the median time to response (109 days)
- Patients received a dose intensity of 63% of the intended palbociclib dose<sup>a</sup> (125 mg/day<sup>b</sup>)
  - Versus 92-93% historically (PALOMA-2, PALOMA-3)<sup>1-2</sup>
- 18 patients remained on treatment as of data cutoff<sup>c</sup>, ranging from 36 to 88 weeks



<sup>a</sup>Dose intensity considers dose reductions and modifications. <sup>b</sup>Orally once daily for 21 days, followed by seven days off treatment in 28-day cycles. <sup>c</sup>Data cutoff, June 6, 2023.

ESR1, estrogen receptor 1 gene; RECIST, Response Evaluation Criteria in Solid Tumors

1. NEJM 2016 Nov 17;375(20):1925-1936.; 2. NEJM 2015 Jul 16;373(3):209-19

# Vepdegestrant plus palbociclib: Median duration of response of 10.2 months; ORR of 44% in dose-reduced patients



**Maintained 125 mg palbociclib (n=10)**

Median time on treatment: 8.1 weeks (range: 2.0–80.1)

**Response-evaluable (n=6)**

ORR: 33.3%

**Dose-reduced<sup>a</sup> palbociclib (n=36)**

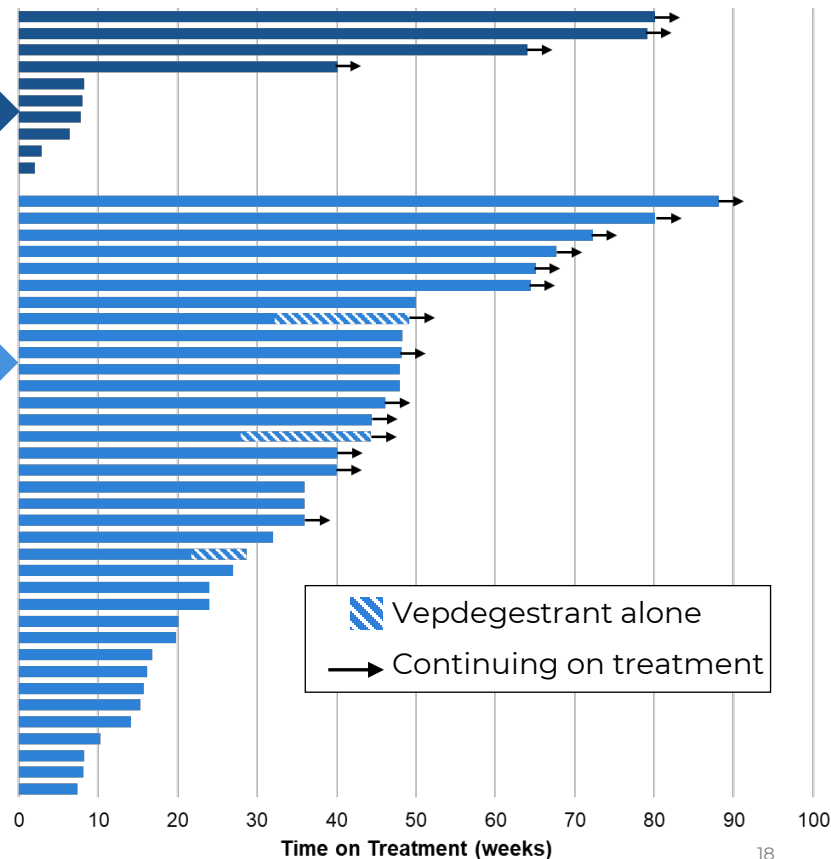
Median time on treatment: 36.0 weeks (range: 7.4–88.1)

**Response-evaluable (n=25)**

ORR: 44.0%

## Overall:

- Median time to RECIST response (n=13): ~3.5 months (~15.5 weeks)
- Median duration of RECIST response was 10.2 months (95% CI: 9.5-NR)





# Expanded development plans with vepdegestrant

Adam Schayowitz, Vice President,  
Development Head Breast Cancer, Pfizer



# Results from Phase 1b trial show potential for additional opportunity in ER+/HER2- mBC



**Neutropenia occurred early and was managed per protocol, which mirrored labeled palbo dose reductions**

- Standard on-label palbo dose reductions (to 100 or 75 mg) in 78% of patients vs. 36% in label
- At patients' final doses, only 5 of 46 (11%) had Gr 4 neutropenia
  - Similar to rates in PALOMA-2 (10%) and PALOMA-3 (11%)<sup>1,2</sup>

**Durable signals of vepdeg+palbo efficacy at reduced palbo doses**

- 44% ORR in dose-reduced patients (100 or 75 mg)<sup>a</sup>
- Overall, 10.2 months median duration of response

**Ongoing studies confirming go-forward palbo dose for vepdeg combinations**

- Ongoing SLI for Phase 3 VERITAC-3 trial evaluating 100 mg and 75 mg palbo

# Expanded development plan designed to make vepdegestrant the potential ER therapy of choice in advanced metastatic breast cancer



## 2L Development Program

✓ Ongoing pivotal trial

VERITAC-2 Phase 3 2L monotherapy

Phase 3 trial on track for topline data in 2H24

Planned pivotal trial

**NEW** Phase 3 2L combination with palbociclib and potentially other CDK4/6i

Health authority feedback on potential pivotal trial expected in 2H24

## 1L Development Program

✓ Ongoing pivotal trial

VERITAC-3 Phase 3 1L combination with palbociclib

Study lead-in ongoing; dose selection expected in 2H24

Planned pivotal trial

**NEW** Phase 3 1L combination w/CDK4i

Health authority feedback on potential pivotal trial expected in 2H24

# Q&A



- John Houston, Ph.D, President and Chief Executive Officer, Arvinas
- Ron Peck, M.D., Chief Medical Officer, Arvinas
- Ian Taylor, Ph.D, Chief Scientific Officer, Arvinas
- Adam Schayowitz, Ph.D, Vice President, Development Head, Breast Cancer, Colorectal Cancer, and Melanoma, Pfizer



Thank you

