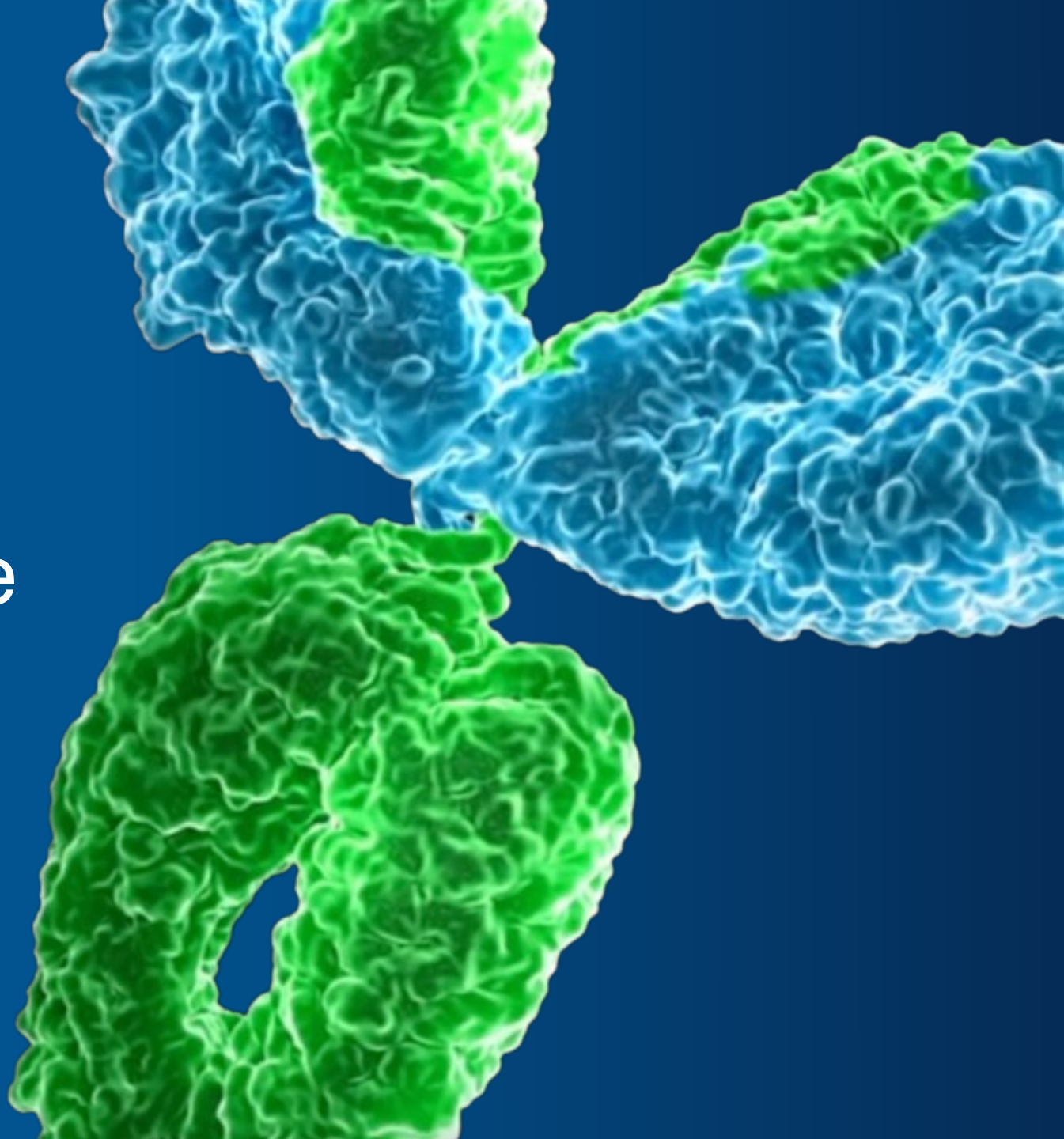# J.P. Morgan Healthcare Conference

January 12, 2023

Sutro Biopharma
NASDAQ: STRO

Forward-Looking Statements

This presentation and the accompanying oral presentation contain "forward-looking" statements that are based on our management's beliefs and assumptions and on information currently available to management. Forward-looking statements include all statements other than statements of historical fact contained in this presentation, including information concerning our future financial performance, business plans and objectives, current and future clinical activities, timing, design and success of our ongoing and planned clinical trials and related data, updates and results of our clinical trials and related data, timing and success of our planned development activities, our ability to obtain and maintain regulatory approval, the potential therapeutic benefits and economic value of our product candidates, potential growth opportunities, financing plans, potential future milestone and royalty payments, competitive position, industry environment and potential market opportunities for the Company's product candidates.

Forward-looking statements are subject to known and unknown risks, uncertainties, assumptions and other factors, including risks and uncertainties related to our cash forecasts, our and our collaborators' ability to advance our product candidates, the receipt, feedback and timing of potential regulatory submissions, designations, approvals and commercialization of product candidates, the design, timing and results of preclinical and clinical trials, and the expected impact of the COVID-19 pandemic on our operations. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. These factors, together with those that may be described in greater detail under the heading "Risk Factors" contained in our most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q and other reports the company files from time to time with the Securities and Exchange Commission, may cause our actual results, performance or achievements to differ materially and adversely from those anticipated or implied by our forward-looking statements.

You should not rely upon forward-looking statements as predictions of future events. Although our management believes that the expectations reflected in our forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances described in the forward-looking statements will be achieved or occur. Moreover, neither we nor our management assume responsibility for the accuracy and completeness of the forward-looking statements. We undertake no obligation to publicly update any forward-looking statements for any reason after the date of this presentation to conform these statements to actual results or to changes in our expectations, except as required by law.

This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and growth and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such 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.

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Six Product Candidates in Clinical Development are Enabled by Sutro's Platform

Unique engineering prowess in the field of precisely conjugated biologics, including next-gen ADCs

Modality	Program	Target(s)	Indication	Discovery	Preclinical	Phase 1/1b	Phase 2/3	Partner
Antibody-Drug Conjugate (ADC)	Luvelta (STRO-002)	FolRα	Ovarian Cancer			Fast Track Designation		天士力生物 TASLY BIOPHARMA (Greater China)
			Ovarian Cancer (bevacizumab combo)					
			Endometrial Cancer					
			NSCLC/Non-Gyn Cancers					
	STRO-001	CD74	Lymphoma					BioNova Pharma 博睿医药 (Greater China)
			Multiple Myeloma		Orphan Drug Designation			
	CC-99712	BCMA	Multiple Myeloma		Orphan Drug Designation			Bristol Myers Squibb
			Multiple Myeloma (GSI combo)					
	STRO-003	ROR1	Cancer					
	Other Early-Stage ADCs	Tissue Factor	Cancer					
Bispecific ADC	M1231	MUC1-EGFR	NSCLC & Esophageal Cancer					EMD Serono [1]
Immunostimulatory ADC (iADC)	Undisclosed	3 Undisclosed Targets	Cancer					astellas
Cytokine	MK-1484	IL-2	Advanced or Metastatic Solid Tumors					MERCK
Vaccine	VAX-24	24-Valent Conjugate Vaccine	Invasive Pneumococcal Disease					VAXCYTE protect humankind

1. EMD Serono is the biopharmaceutical business of Merck KGaA, Darmstadt Germany in the U.S.

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Achievements and Milestones
Clinical data readouts and partnerships provide multiple anticipated 2023 value drivers for Sutro

Luvelta (STRO-002, FolRα ADC)

☑ Data on Phase 1 dose-expansion and regulatory path forward for the development of luvelta

☐ Initiate registration-directed Phase 2/3 trial, REFRaME, in platinum-resistant ovarian cancer (2Q 2023)

☐ Provide regulatory update and clinical development plan for infants and children with relapsed/refractory CBF/GLIS2 acute myeloid leukemia (1Q 2023)

☐ Data on Phase 1 endometrial cancer cohort (2H 2023)

☐ Data on Phase 1 bevacizumab combination trial for advanced ovarian cancer (2H 2023)

☐ Submit IND for non-small cell lung cancer (2023)

☐ Initiation by Tasly of clinical development of luvelta in ovarian cancer in Greater China (2023)

STRO-001, CD74 ADC

☐ Initiation by BioNova of clinical development of STRO-001 in B-cell NHL in Greater China (2023)

STRO-003, ROR1 ADC and Emerging Portfolio

☐ IND enabling studies completed for STRO-003 (1Q 2024)

☐ Advance 4th proprietary preclinical program towards IND (2023)

Collaborations: Research & Manufacturing Revenue

☑ Vaxcyte: Manufacturing agreement for the rights and development of cell-free extract

☐ Astellas: Advance preclinical research collaboration on immunostimulatory ADCs

☐ BMS, Merck & EMD Serono: Manufacturing support and materials for clinical supply

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**Luveltamab Tazevibulin
(Luvelta, STRO-002)**

Advanced Ovarian Cancer Has a High Unmet Medical Need
Due to advanced stage of disease at diagnosis and limited progress of available treatments

- Ovarian cancer is the most common cause of death from gynecological cancers

  - Accounts for **2.1%** of all estimated cancer deaths[1,2]

  - Almost half of affected women live less than **five years** following diagnosis[1,2]

- In 2022, an estimated **19,880** new ovarian cancer cases were diagnosed in the United States[1,2]

  - Total estimated death from this disease was 12,810

- Folate receptor alpha, or **FolRα** is highly expressed in ovarian cancer

  - Associated with disease burden and treatment outcomes[3,4]

FolRα
FolRα
FolRα
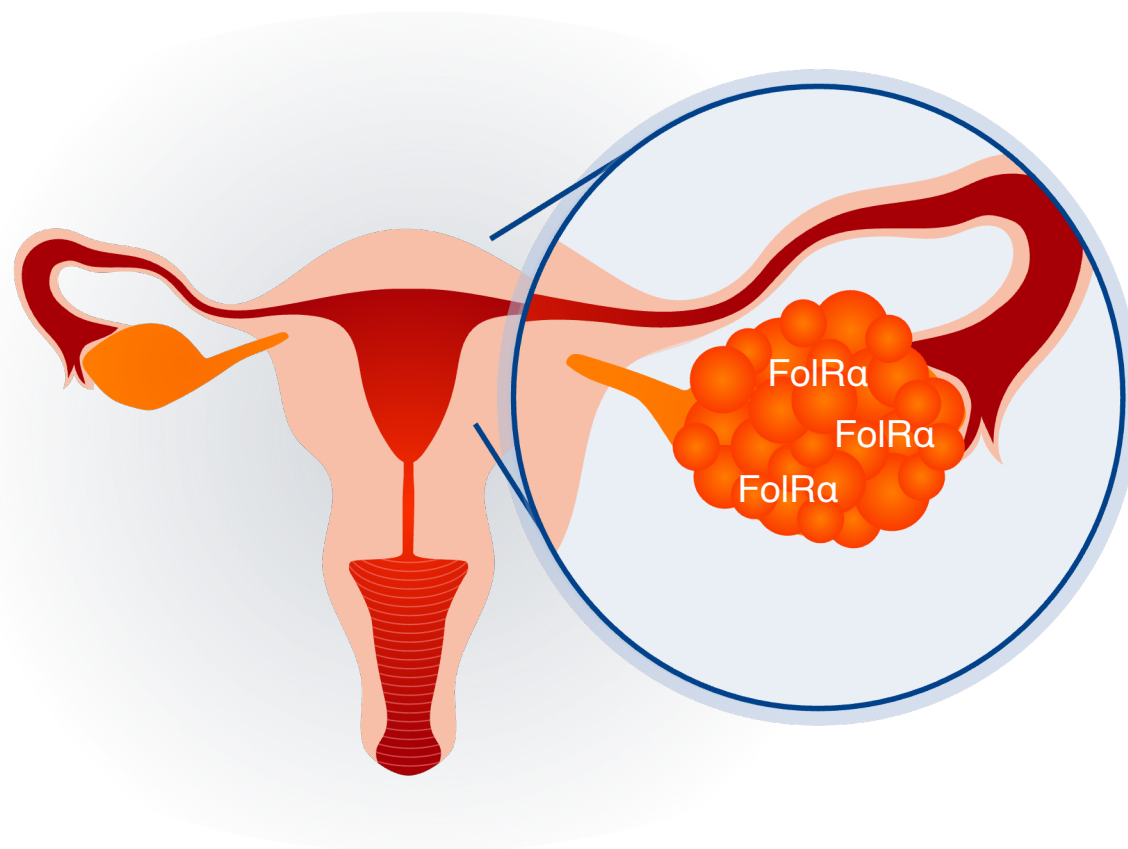
FolRα, folate receptor alpha.
1. Cancer facts and figures 2022. https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/annual-cancer-facts-and-figures/2022/2022-cancer-facts-and-figures.pdf. Accessed December 14, 2022.
2. 2022 Estimates. American Cancer Society. https://cancerstatisticscenter.cancer.org/?_ga=2.9856755.798860474.1671221534-46877757.1671052212#!/. Accessed December 16, 2022.
3. Birrer MJ, et al. *Oncologist*. 2019;24:425–429. 3. https://www.nature.com/articles/s41416-022-02031-x

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LUVELTA
Dose Expansion

Two-Part Phase 1 Study for Patients with Advanced Ovarian Cancer[1]
Explored dosing regimen and biomarker levels for which luvelta is optimal

Part 1: Dose-escalation cohort

Ovarian Cancer
- Relapsed and/or progressed after at least 2 lines of platinum and no other approved therapy available
- All FolRα levels, tissue not required
N=39

6.4 mg/kg Q3W n=1
6.0 mg/kg Q3W n=10
5.6 mg/kg Q3W n=3
4.3 mg/kg Q3W n=5
5.2 mg/kg Q3W n=12

Saw patient benefit starting at 2.9 mg/kg dose levels

2.9 mg/kg Q3W n=3

0.5-1.8 mg/kg dose levels Q3W n=5

Part 2: Dose-expansion cohort – Cohort A

Ovarian Cancer
- Relapsed and/or progressive disease
- Platinum resistant 1-3 prior regimens or platinum-sensitive 2-3 prior lines
- All FolRα levels, fresh or archival tissue required
N=44

R 1:1

4.3 mg/kg Q3W n=23
5.2 mg/kg Q3W n=21

FolRα-unselected patients (TPS ≤25%) n=9

FolRα-selected patients (TPS>25%) n=35

Not RECIST-Evaluable Discontinued prior to receiving any post-baseline scan n=3[2]

RECIST v1.1 Evaluable At least one post-baseline scan n=32

Part 2: Cohort C

5.2 mg/kg Q3W + prophylactic pegfilgrastim on Day 8 N=15[3]

Patient Baseline Demographics – Part 2: Dose-Expansion – Cohort A	All Patients Enrolled (N=44)			FolRα-Selected Patients (N=35)			Cohort C
	4.3 mg/kg n=23	5.2 mg/kg n=21	Total N=44	4.3 mg/kg n=19	5.2 mg/kg n=16	Total N=35	Total N=10[3]
Median age (range), years	63 (39–91)	56 (40–72)	60 (39–91)	63 (39–91)	55.5 (45–72)	60 (39–91)	67 (36-86)
Median time since diagnosis (range), years	2.8 (0.8–9.3)	3.0 (0.7–7.8)	2.9 (0.7–9.3)	2.8 (0.9–9.3)	3.5 (1.0–7.8)	3.0 (0.9–9.3)	Mean: 3.0
Mean number of prior lines of therapy	2.5	2.3	2.4	2.6	2.3	2.5	2.5
Prior Therapies							
Prior Bevacizumab, n (%)	13 (57)	16 (76)	29 (66)	12 (63)	12 (75)	24 (69)	6 (60)
Prior PARP inhibitor, n (%)	18 (78)	18 (86)	36 (82)	14 (74)	15 (94)	29 (83)	6 (60)

1. Phase 1 for patients with advanced ovarian cancer is named STRO-001-GM1, clinicaltrials.gov NCT identifier: NCT03748186.
2. Three patients were not evaluable for RECIST as they discontinued before receiving any post-baseline scan for the following reasons: clinical disease progression, adverse event, and consent withdrawn.
3. Cohort C enrolled 15 patients and interim data on 10 patients were made available as of December 8, 2022.
Q3W, every 3-week dosing; RECIST v1.1, Response Evaluation Criteria in Solid Tumors v1.1; TPS, tumor proportion score.

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Luvelta Phase 1 Data Establishes FolRα-Selection Criteria
Patients who started at the higher dose level demonstrated higher ORR and median PFS

Dose-expansion efficacy data establishes TPS>25% as appropriate enrichment cutoff for luvelta
Patients who started at 5.2 mg/kg experienced 43.8% ORR, 5.4 months median DOR, and 6.6 months median PFS

RECIST-Evaluable ORR (%), Median DOR (%), and Median PFS

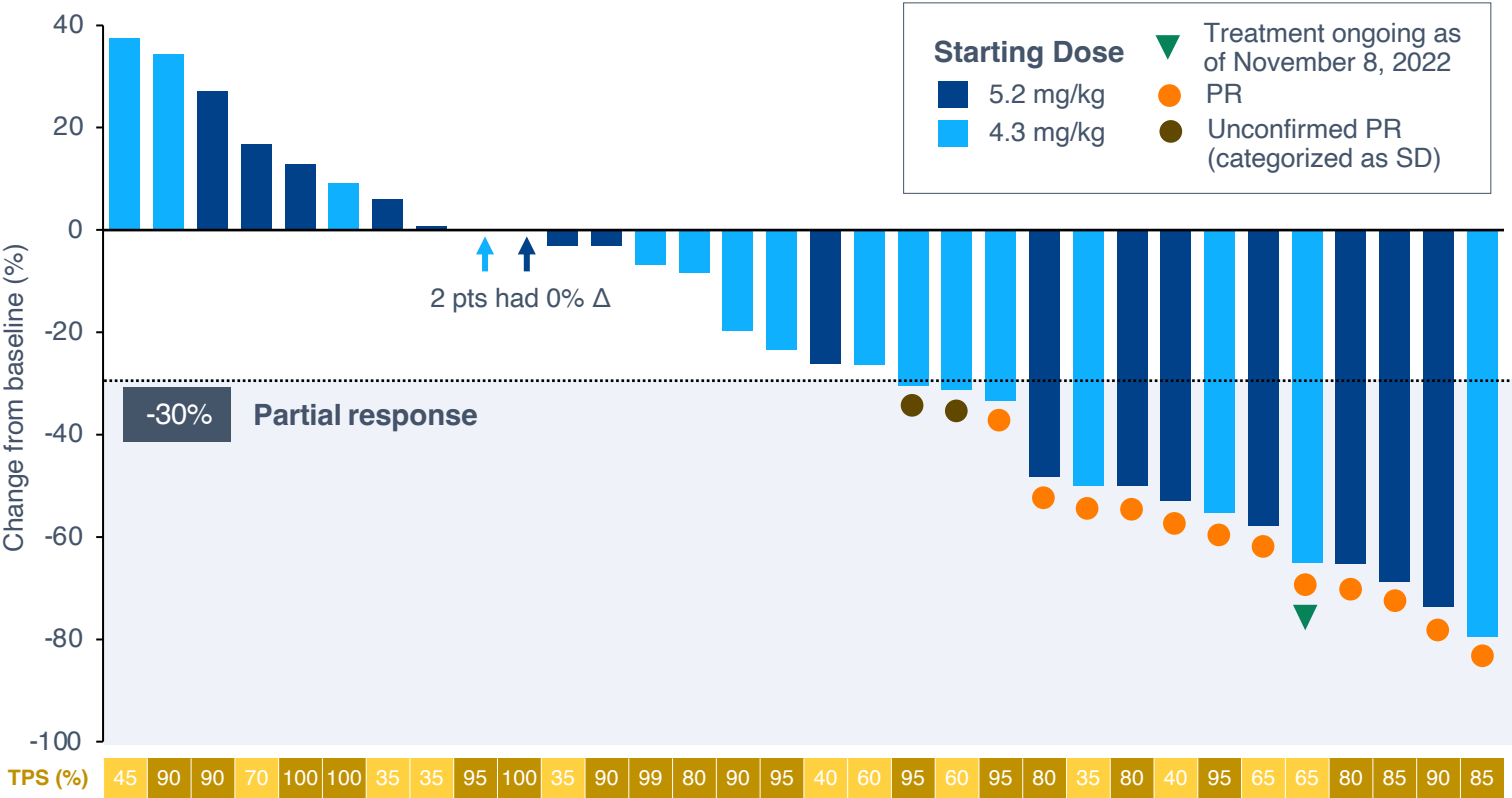|	All FolRα Patients and FolRα-Selection		Across TPS Scores			FolRα-Selected Patients Across Starting Dose Levels	
	All FolRα Patients	FolRα-Selected Patients (TPS>25%)	TPS≤25%	25%<TPS≤75%	TPS>75%	4.3 mg/kg Starting Dose	5.2 mg/kg Starting Dose
				FolRα-Selected Patients (TPS>25%)			
RECIST-Evaluable Patients	N=41	N=32	N=9	N=12	N=20	N=16	N=16
PR	13	12	1	4	8	5	7
ORR (95%, CI), %	31.7 (18.1, 48.1)	37.5 (21.1, 56.3)	11.1 (0.3, 48.3)	33.3 (10.0, 65.1)	40.0 (19.1, 63.9)	31.3 (11.0, 58.7)	43.8 (19.8, 70.1)
Median DOR (95% CI), mo	5.4 (2.9, 11.0)	5.5 (2.5, 11.0)	2.9	5.6 (2.5, NE)	5.5 (2.4, NE)	13 (4.5, NE)	5.4 (2.4, 6.1)
Patients for median PFS	n=44	n=35	n=9	n=12	n=23	n=19	n=16
Median PFS (95% CI), mo	4.3 (4.0, 6.3)	6.1 (4.1, 7.0)	3.8 (1.3, 4.2)	6.4 (1.4, 10.4)	5.8 (4.0, 6.6)	6.1 (4.0, 8.3)	6.6 (2.9, 7.6)

Note: Data are as of November 8, 2022.
FolRα-selected defined as TPS>25%.
ORR, overall response rate; DOR, duration of response; PFS, progression free survival; PR, partial response; CI, confidence interval; mo, months; NE, not estimable.

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Majority of FolRα-Selected Patients Experienced Disease Control
12 FolRα-selected patients demonstrated confirmed partial response

BOR: Maximum Reduction in Tumor Target Lesions in FolRα-Selected Patients (N=32)[1]

Starting Dose
- 5.2 mg/kg (dark blue)
- 4.3 mg/kg (light blue)
- ▼ Treatment ongoing as of November 8, 2022
- ● PR
- ● Unconfirmed PR (categorized as SD)

2 pts had 0% Δ

-30% Partial response

TPS (%): 45 90 90 70 100 100 35 35 95 100 35 90 99 80 90 95 40 60 95 60 95 80 35 80 40 95 65 65 80 85 90 85

BOR in FolRα-Selected Patients (N=32)

	Both Doses N=32	5.2 mg/kg n=16	4.3 mg/kg n=16
PR	12	7	5
ORR %	37.5	43.8	31.3
SD, n (%)	14 (43.8)	6 (37.5)	8 (50.0)
DCR [2] %	81.3%	81.3%	81.3%
PD, n (%)	6 (18.8)	3 (18.8)	3 (18.8)

FolRα Stratification (N=32)

Number of patients (%)	5.2 mg/kg n=16	4.3 mg/kg n=16
25%<TPS≤75%	7 (43.8%)	5 (31.3%)
TPS>75%	9 (56.3%)	11 (68.8%)

Note: Data are as of November 8, 2022.
1. Data on FolRα-selected patients who are evaluable for RECIST v1.1.
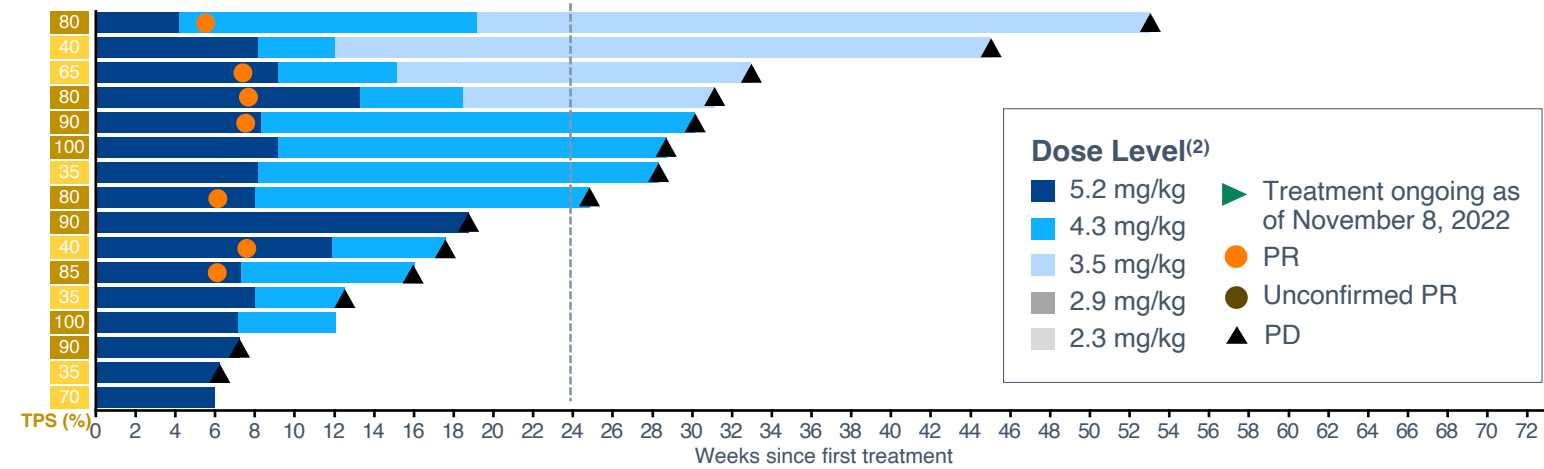2. Disease control includes SD ≥ 6 weeks.
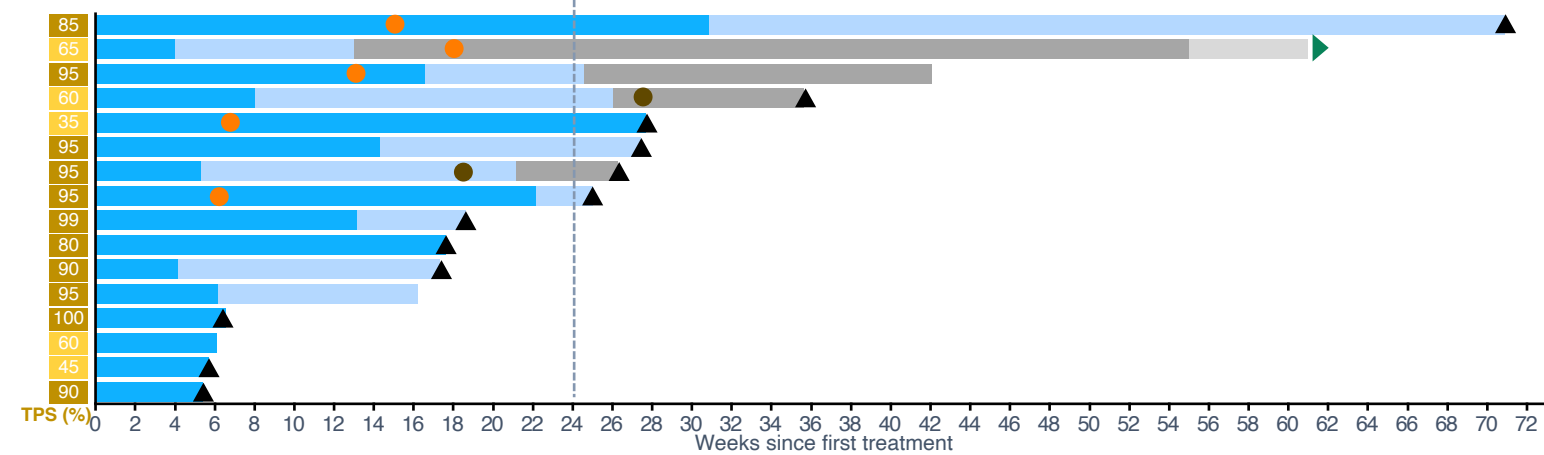BOR, best overall response; SD, stable disease; DCR, disease control rate; PD, progressive disease.

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Patients Had Durable Responses even with Dose Modifications
Patients who started at the higher dose experienced rapid time to response

Starting Dose, 5.2 mg/kg (n=16)[1]

Dose Level[2]
- 5.2 mg/kg
- 4.3 mg/kg
- 3.5 mg/kg
- 2.9 mg/kg
- 2.3 mg/kg
- ▶ Treatment ongoing as of November 8, 2022
- 🟠 PR
- 🟤 Unconfirmed PR
- ▲ PD

Starting Dose, 4.3 mg/kg (n=16)[1]

Weeks since first treatment

Dose Intensity by Starting Dose (N=44)[3]

	5.2 mg/kg n=21	4.3 mg/kg n=23
Dose intensity (mg/kg per week)		
Mean	**1.2**	**1.0**
Min, max	0.8, 1.6	0.7, 1.5
Relative dose intensity (%)		
Mean	**66.8**	**72.4**
Min, max	48.5, 90.7	46.3, 105.1

Summary of Dose Modification (N=44)[3]

Patients (%)	5.2 mg/kg n=21	4.3 mg/kg n=23
Dose delay	20 (95.2%)	15 (65.2%)
Dose interruption	2 (9.5%)	0
Dose Reduction	16 (76.2%)	11 (47.8%)

Note: Data are as of November 8, 2022.
1. Data are from Cohort A of Phase 1 dose expansion on FolRα-selected patients who are evaluable for RECIST v1.1.
2. Patients are dosed Q3W, and patient scans generally coincide with every other cycle.
3. Data on all 44 patients in Cohort A of Phase 1 dose expansion, including patients who are FolRα-unselected and patients who are not RECIST v1.1 evaluable; PD, progressive disease; PR, partial response.

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Cohort C as a Deep Dive Into Managing Neutropenia
Prophylactic use of pegfilgrastim reduced Grade 3+ neutropenia and dose delays

Part 2 Dose-expansion cohorts - Cohort A vs. Cohort C

4.3 mg/kg Starting Dose n=23

R 1:1

5.2 mg/kg Starting Dose n=21

VS.

5.2 mg/kg + prophylactic pegfilgrastim N=15
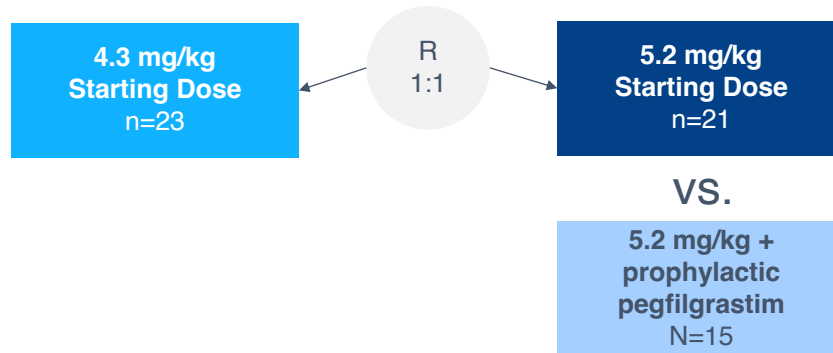
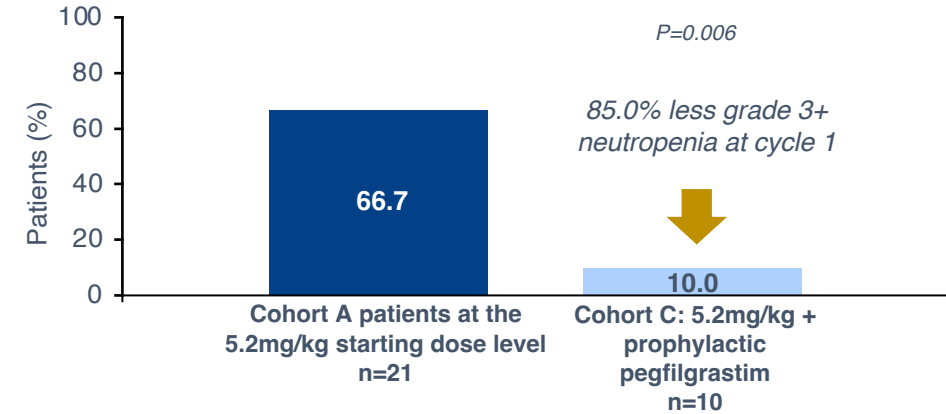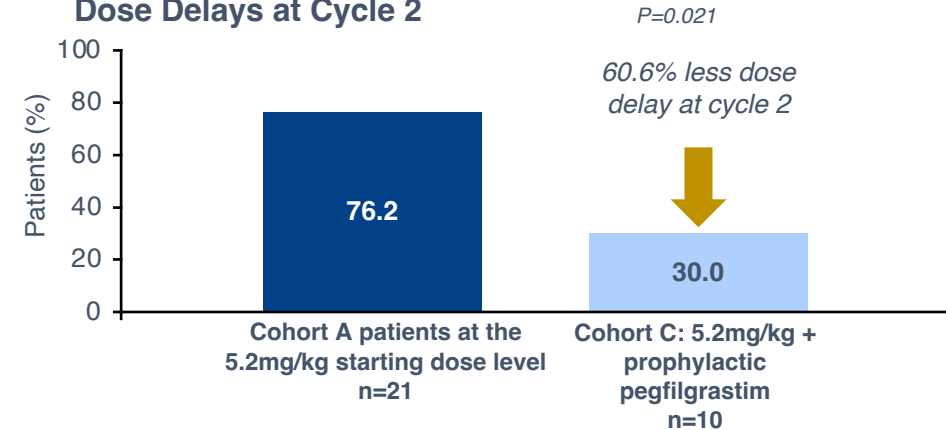- Use of prophylactic pegfilgrastim on day 8 per protocol in Cohort C **reduced Grade 3+ neutropenia at Cycle 1 by 85%**, when compared to Cohort A

- On average, patients in Cohort A at the 5.2 mg/kg dose level were delayed in their dose for ~10 days

- **Dose delays were decreased by 60.6%** in Cohort C, when compared to Cohort A

Cohort A (patients at 5.2mg/kg starting dose) vs. Cohort C

Grade 3+ Neutropenia at Cycle 1

Patients (%)

$P=0.006$

85.0% less grade 3+ neutropenia at cycle 1

66.7 — Cohort A patients at the 5.2mg/kg starting dose level n=21

10.0 — Cohort C: 5.2mg/kg + prophylactic pegfilgrastim n=10

Dose Delays at Cycle 2

Patients (%)

$P=0.021$

60.6% less dose delay at cycle 2

76.2 — Cohort A patients at the 5.2mg/kg starting dose level n=21

30.0 — Cohort C: 5.2mg/kg + prophylactic pegfilgrastim n=10

Note: Cohort A data are as of November 8, 2022. Cohort C data are as of December 8, 2022.

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Most Common Treatment-Emergent Adverse Event was Neutropenia
No new safety signals were observed, including the absence of meaningful drug-related ocular and lung AEs

Most Common Grade 3+ TEAEs (≥2 Subjects) by Dose and General Category

n (%)	4.3 mg/kg (n=23)			5.2 mg/kg (n=21)			Total (N=44)		
	Grade 3	Grade 4	Grade 5	Grade 3	Grade 4	Grade 5	Grade 3	Grade 4	Grade 5
Subjects reporting at least 1 event	12 (52)	6 (26)	0	8 (38)	11 (52)	1 (5)	20 (45)	17 (39)	1 (2)
Hematological									
Neutropenia[1]	10 (43)	5 (22)	0	4 (19)	11 (52)	1 (5)	14 (32)	16 (36)	1 (2)
Febrile neutropenia	1 (4)	0	0	0	0	1 (5)	1 (2)	0	1 (2)
White blood cell count decreased	5 (22)	1 (4)	0	2 (10)	2 (10)	0	7 (16)	3 (7)	0
Platelet count decreased	2 (9)	0	0	2 (10)	0	0	4 (9)	0	0
Thrombocytopenia	0	0	0	2 (10)	0	0	2 (5)	0	0
Anemia	1 (4)	0	0	5 (24)	0	0	6 (14)	0	0
Pain-related									
Neuralgia	2 (9)	0	0	1 (5)	0	0	3 (7)	0	0
Arthralgia	6 (26)	0	0	2 (10)	0	0	8 (18)	0	0
Bone pain	1 (4)	0	0	1 (5)	0	0	2 (5)	0	0
Gastrointestinal									
Small intestinal obstruction	2 (9)	0	0	1 (5)	0	0	3 (7)	0	0
Large intestinal obstruction	0	0	0	2 (10)	0	0	2 (5)	0	0
Diarrhea	2 (9)	0	0	0	1 (5)	0	2 (5)	1 (2)	0
Vomiting	0	0	0	2 (10)	0	0	2 (5)	0	0
Other									
Fatigue	3 (13)	0	0	1 (5)	0	0	4 (9)	0	0
Hyponatremia	3 (13)	0	0	0	0	0	3 (7)	0	0
Cataract	2 (9)	0	0	0	0	0	2 (5)	0	0
Activated partial thromboplastin time prolonged	2 (9)	0	0	0	0	0	2 (5)	0	0
Dehydration	1 (4)	0	0	1 (5)	0	0	2 (5)	0	0
Acute kidney injury	0	0	0	2 (10)	0	0	2 (5)	0	0
Pulmonary embolism	2 (9)	0	0	0	0	0	2 (5)	0	0

Note: Data are as of November 8, 2022 on all patients enrolled in Phase 1 dose expansion Cohort A.
1. Neutropenia included the following preferred terms: neutropenia, febrile neutropenia, and neutrophil count decreased.
AE, adverse events; TEAE, treatment-emergent adverse event

- **Neutropenia** was the most common G3+ AE and the most common reason for dose reduction
  - Higher incidence at 5.2 mg/kg
  - Other G3+ hematological TEAEs infrequently required dose modifications
- **Arthralgia** was the second most common G3+ and second most common TEAE leading to dose reduction
- **Other G3+ TEAE** which were unrelated to study drug
  - G3+ large and small intestinal obstructions as complications of metastatic cancer
  - G3+ acute kidney injury attributed to concomitant AEs (sepsis and dehydration) and not direct drug injury
  - G3+ pulmonary embolism in 2 patients

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Luvelta (STRO-002) Has a Favorable Product Target Profile
Confidence to move forward into registrational-enabling study

✓ Potential to treat ~80% of patients with platinum-resistant ovarian cancer

✓ Efficacy demonstrated by ORR in the 31-44% range in FolRα-selected patients
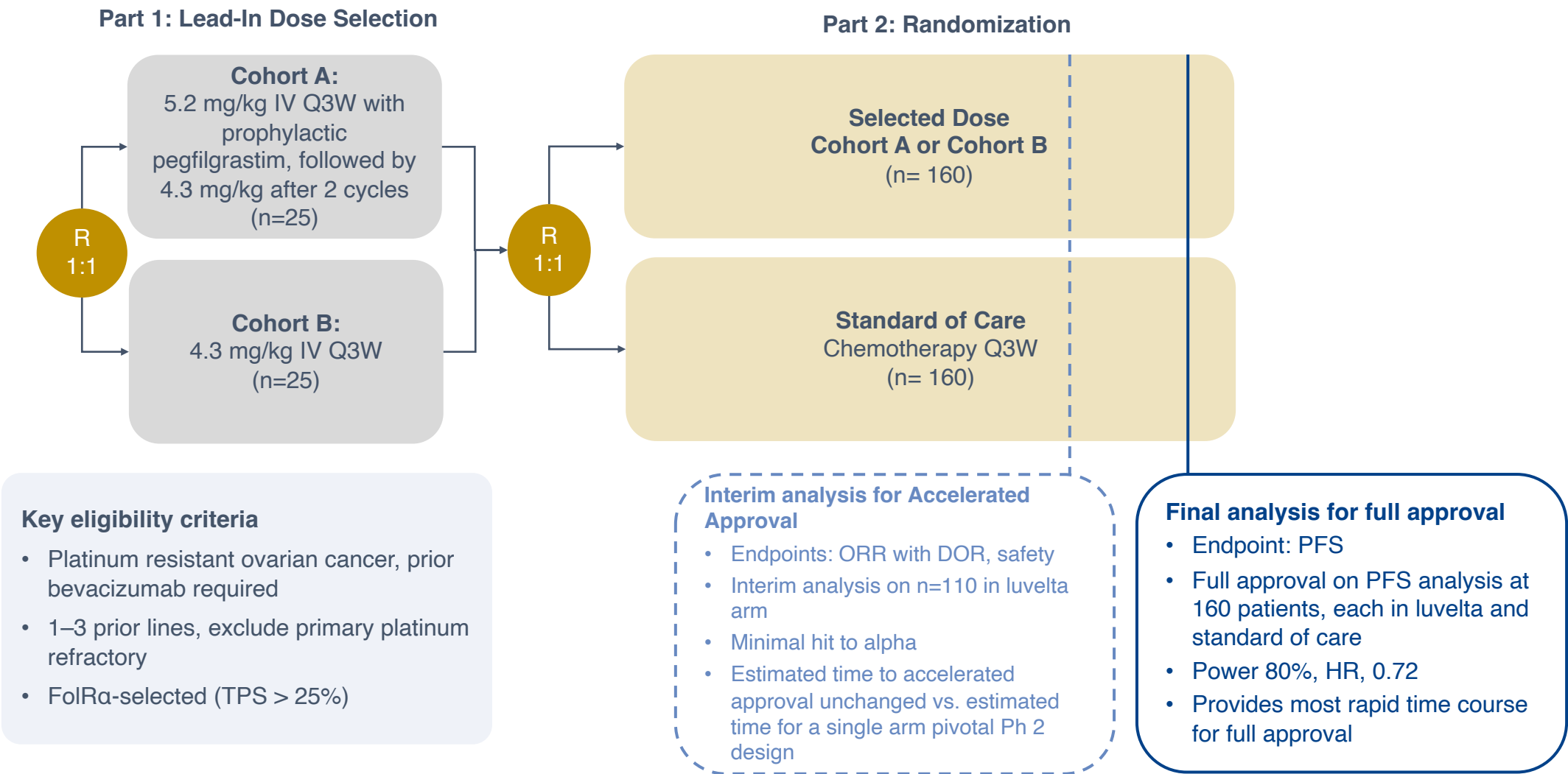
✓ Manageable safety profile, even at the higher dose levels when given prophylactic pegfilgrastim

Note: Cohort A data are as of November 8, 2022. Cohort C data are as of December 8, 2022.

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Luvelta Clinical Integrated Strategy for Phase 2/3 Study, REFRaME

Integrated design to potentially support accelerated and full approvals in platinum-resistant ovarian cancer

Part 1: Lead-In Dose Selection

Part 2: Randomization

R 1:1

Cohort A:
5.2 mg/kg IV Q3W with prophylactic pegfilgrastim, followed by 4.3 mg/kg after 2 cycles
(n=25)

Cohort B:
4.3 mg/kg IV Q3W
(n=25)

R 1:1

**Selected Dose
Cohort A or Cohort B**
(n= 160)

Standard of Care
Chemotherapy Q3W
(n= 160)

Key eligibility criteria

- Platinum resistant ovarian cancer, prior bevacizumab required
- 1–3 prior lines, exclude primary platinum refractory
- FolRα-selected (TPS > 25%)

Interim analysis for Accelerated Approval

- Endpoints: ORR with DOR, safety
- Interim analysis on n=110 in luvelta arm
- Minimal hit to alpha
- Estimated time to accelerated approval unchanged vs. estimated time for a single arm pivotal Ph 2 design

Final analysis for full approval

- Endpoint: PFS
- Full approval on PFS analysis at 160 patients, each in luvelta and standard of care
- Power 80%, HR, 0.72
- Provides most rapid time course for full approval

HR, hazard ratio; IV, intravenous; Q3W, every 3 weeks.
TPS, tumor proportion score; ORR, overall response rate; DOR, duration of response; PFS, progression free survival; HR, hazard ratio.

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Luvelta Provides Opportunities for Pipeline-in-a-Drug
Multiple shots on goal for commercial opportunities, beyond gynecological cancers

Treatment	Indication	Estimated Market Size/Incidence	
Monotherapy	Platinum-resistant ovarian cancer **Phase 2/3**	**Market size:** ~4K patients per year in the U.S. (FolRα-selected)	**Registrational-enabling, Fast-track designation** Optimized dose of 4.3 mg/kg or 5.2 mg/kg + pegfilgrastim × 2 → 4.3 mg/kg
	Endometrial cancer **Phase 1 expansion**	**Incidence:** Across all stages, not FolRα-selected, ~66K newly diagnosed/year	Requires baseline FolRα-expression level N=40, enrolling
	Pediatric RAM phenotype AML with CBF/GLIS2 mutation **Compassionate use**	**Market size:** ~20 newly diagnosed patients per year	N=17+ Orphan drug designation Rare pediatric disease designation — To discuss with FDA registrational path
	NSCLC **Preclinical**	**Incidence:** Across all stages, squamous and non-squamous, not FolRα-selected. ~196K newly diagnosed patients/year	Translational research to define strategies for patient stratification based on FolRα
Combination therapy	Platinum-sensitive ovarian cancer combined with bevacizumab MT **Phase 1 dose escalation/expansion**	**Market size:** ~2-3K patients per year in the U.S. (FolRα-selected)	Bevacizumab 15 mg/kg combined with STRO-002 starting at 3.5 mg/kg N=40, enrolling

AML, acute myeloid leukemia; NSCLC, non-small cell lung cancer.

Platinum-resistant ovarian cancer source: Sutro internal estimate, based on overall ovarian cancer incidence from SEER data, 2022 (accessed Jan. 2023)
Endometrial cancer source: SEER data, 2022 (accessed Jan. 2023)
RAM-AML source: 1. SEER data explorer, 2022 (accessed Jan. 2023). 2. Eidenschink Brodersen L, et al. A recurrent immunophenotype… Leukemia. 2016;30(10):2077-2080. 3. Smith, JL et al. Comprehensive Transcriptome Profiling of Cryptic CBFA2T3-GLIS2 Fusion-Positive AML… Clinical Cancer Research. vol. 26,3 (2020): 726-737.
NSCLC source: 1. SEER data, 2022 (accessed Jan. 2023). 2. ASCO Cancer.net report, 2022. 3. American Cancer Society Key Statistics for Lung Cancer, 2022.
Platinum-sensitive ovarian cancer source: Sutro internal estimate, based on overall ovarian cancer incidence from SEER data, 2022 (accessed Jan. 2023)

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STRO-003
and Emerging Research Portfolio

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Our Innovative Design: STRO-003 is a Novel Optimized ROR1 ADC, Featuring TOPO-1 Inhibitors Linked with β-Glucuronidase Cleavable Linkers, DAR 8
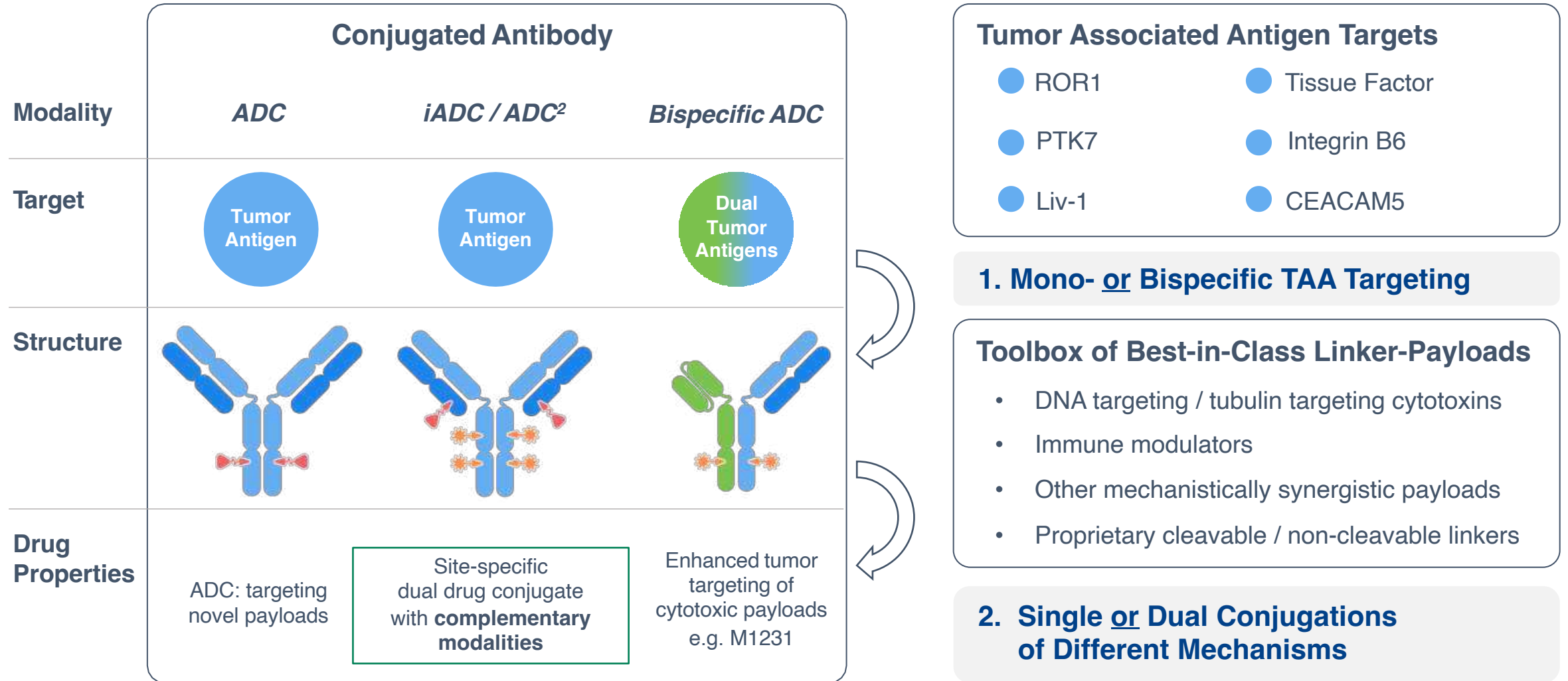

① ROR1

② pAMF

③ β-glucuronidase linker

④ Exatecan warhead
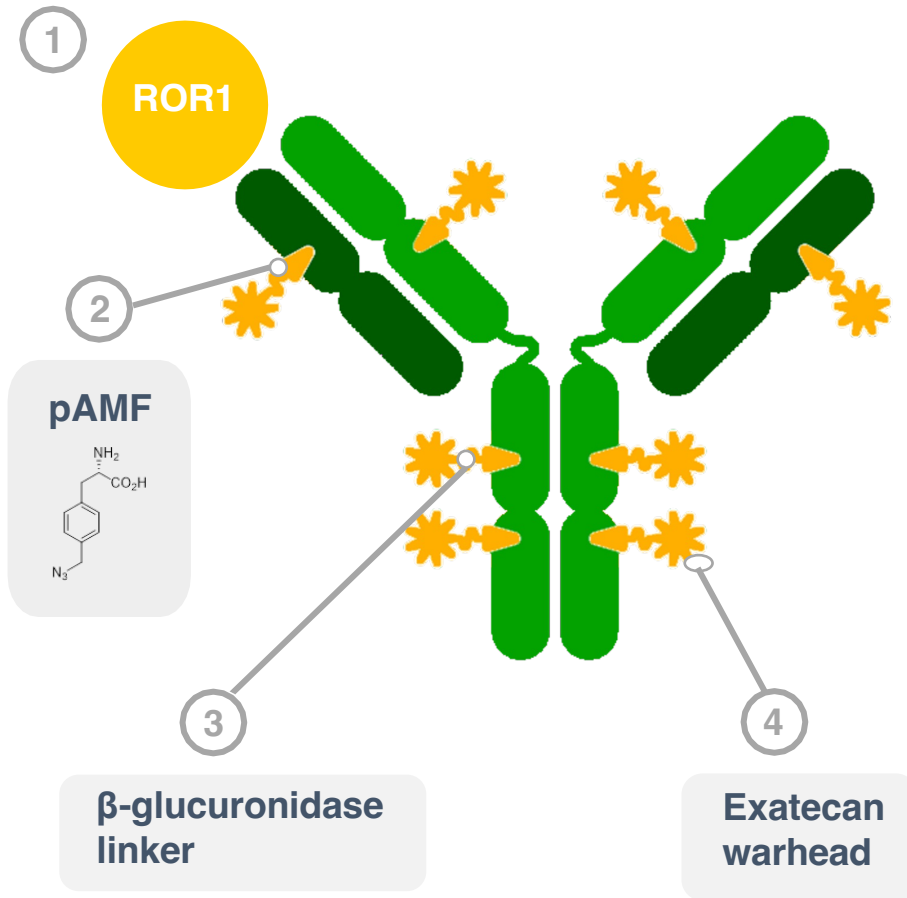
STRO-003 is a single homogeneous antibody drug conjugate (ADC) with a drug-antibody ratio (DAR) of 8, targeting ROR1 tumor antigen

① **Targeted ROR1 epitope** is overexpressed in diverse cancers including **hematological and solid tumor indications**

② **Precisely positioned non-natural amino acids**, p-azidomethyl-L-phenylalanine (pAMF), **to enable DAR8** and optimal conjugation sites for enhanced performance and stability

③ **Stable β-glucuronidase cleavable linkers** demonstrate tumor specificity and encouraging preclinical tolerability. Preclinical data has shown marked **improvement over CatB linkers regarding neutropenia and lung tolerability issues** seen with tubulin and TOPO-1 inhibitors in the clinic

④ **Exatecan warhead inhibits TOPO-1 causing DNA disruption**. It elicits potent tumor cell killing, bystander activity and immunogenic cell death

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Precise novel design to enhance efficacy and safety across multiple modalities and targets

Conjugated Antibody

Modality	ADC	iADC / ADC²	Bispecific ADC
Target	Tumor Antigen	Tumor Antigen	Dual Tumor Antigens
Structure			
Drug Properties	ADC: targeting novel payloads	Site-specific dual drug conjugate with **complementary modalities**	Enhanced tumor targeting of cytotoxic payloads e.g. M1231

Tumor Associated Antigen Targets

- ROR1
- Tissue Factor
- PTK7
- Integrin B6
- Liv-1
- CEACAM5

1. Mono- or Bispecific TAA Targeting

Toolbox of Best-in-Class Linker-Payloads

- DNA targeting / tubulin targeting cytotoxins
- Immune modulators
- Other mechanistically synergistic payloads
- Proprietary cleavable / non-cleavable linkers

2. Single or Dual Conjugations of Different Mechanisms

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Strategic iADC Collaboration

June 27, 2022

- **$90M** upfront to develop iADCs for up to **three targets**

- **$422.5M** in development, regulatory and commercial milestones for **each product candidate,** plus tiered royalties ranging from low-double digit to mid-teen percentages

- Builds on success of Sutro's **ADC platform and engineering expertise**

- Leverages Astellas' primary focus on **immuno-oncology**

- Sutro has the **option** to share **costs/profits** for U.S. product development

- Sutro can **develop iADCs outside of this collaboration** in other targets

Immunostimulatory Antibody-Drug Conjugates (iADC)

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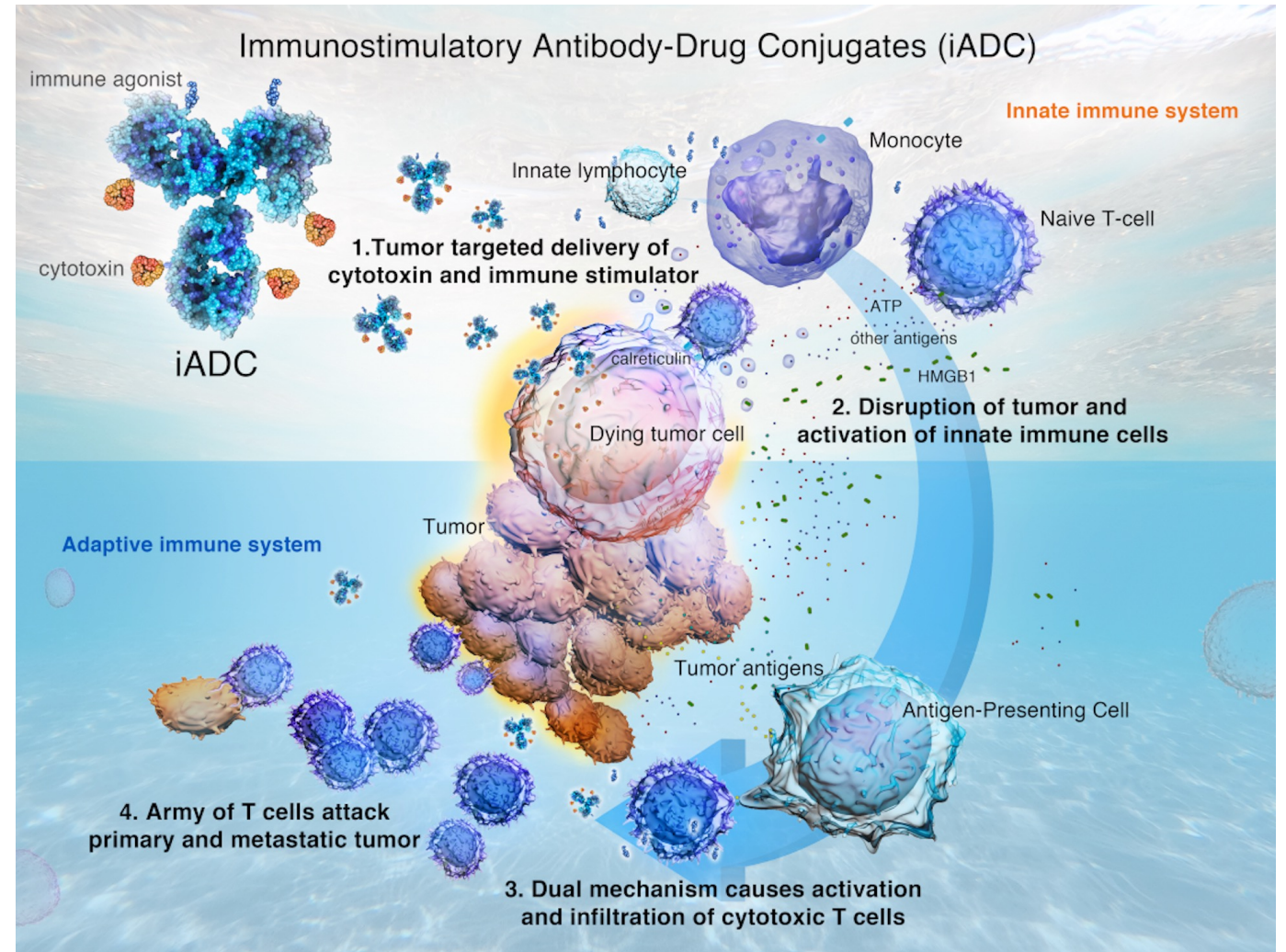
Financial Overview
Well-capitalized through multiple funding sources

$287.3M[1]

in cash, cash equivalents & marketable securities as of September 30, 2022

Projected cash runway into **1H 2024**[1],

based on current business plans and assumptions

~1.5M shares of **Vaxcyte**

(Nasdaq: PCVX) not included in the above reported cash, as of September 30, 2022[2]

Funding generated from our collaborators of **~$600M**[3]

through September 30, 2022

1. Does not include the impact from the value of Sutro's holdings of Vaxcyte common stock (Nasdaq: PCVX).
2. The Company sold approximately 1 million shares of Vaxcyte common stock at fair market value during the period from October 1, 2022 through November 7, 2022.
3. Includes payments and equity investments received through September 30, 2022.

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Experienced Leadership Team

William Newell, JD
Chief Executive Officer and Member of the Board of Directors

Trevor Hallam, PhD
President of Research and Chief Scientific Officer

Ed Albini, MBA
Chief Financial Officer

Linda Fitzpatrick
Chief People and Communications Officer

Jane Chung, RPh
Chief Commercial Officer

Shabbir Anik, PhD
Chief Technical Operations Officer

Nicki Vasquez, PhD
Chief Portfolio Strategy and Alliance Officer

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AEROVANCE · AXYS · Cougar Biotechnology CB · KPMG · Neurex · Patheon · RHÔNE-POULENC · SYNTEX USA High Technology Lubricants

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