



43rd Annual Cowen Health Care Conference

March 7, 2023

Advancing our Mission to Improve the Lives of those Affected by Cancer

Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "may," "will," "expect," "plan," "anticipate," "estimate," "intend" and similar expressions (as well as other words or expressions referencing future events, conditions or circumstances) are intended to identify forward-looking statements. Forward-looking statements in this presentation include, but are not limited to, those relating to expectations for the commercial success of COSELA® (trilaciclib), our ability to accelerate adoption of COSELA in the treatment of small cell lung cancer, the therapeutic potential of trilaciclib in the treatment triple negative breast cancer, and other cancers, our ability to generate data to maximize trilaciclib's applicability to future treatment paradigms, our reliance on partners to globally develop and commercial licensed products, our financial position and need for additional capital, our ability to reduce spend throughout organization, and our ability to extend our cash through the readouts from our ongoing clinical trials. In addition, COSELA may fail to achieve the degree of market acceptance for commercial success, and the impact of pandemics such as COVID-19 (coronavirus), are based on our expectations and assumptions as of the date of this presentation. Each of these forward-looking statements involves risks and uncertainties. Factors that may cause our actual results to differ from those expressed or implied in the forward-looking statements in this presentation are discussed in our filings with the U.S. Securities and Exchange Commission, including the "Risk Factors" sections contained therein and include, but are not limited to, our ability to successfully commercialize COSELA; our ability to complete clinical trials for, obtain approvals for and commercialize additional indications of COSELA and any of our product candidates other than COSELA; our initial success in clinical trials may not be indicative of results obtained when these trials are completed or in later stage trials; the inherent uncertainties associated with developing new products or technologies and operating as a commercial-stage company; and market conditions. Lerociclib is not approved by the FDA. Except as required by law, we assume no obligation to update any forward-looking statements contained herein to reflect any change in expectations, even as new information becomes available.

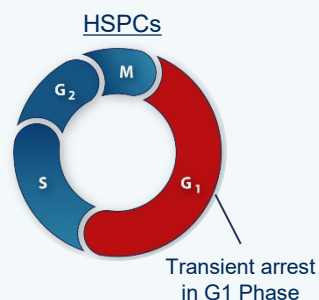
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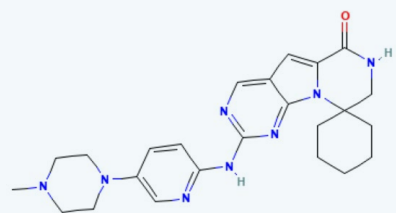
Evolution of G1: Building Upon Unique Product - Trilaciclib

Original Premise



To protect HSPCs from damage caused by chemo through transient G1 arrest

Unique Product



Rationally designed and optimized a unique IV transient CDK4/6 inhibitor

Initial Indication



Demonstrated robust myeloprotection across three randomized SCLC studies

Robust OS in TNBC

OS hazard ratios in Ph2:
0.31 – 0.40

Improved survival in randomized trial consistent with immune-modulation

Dual Benefits

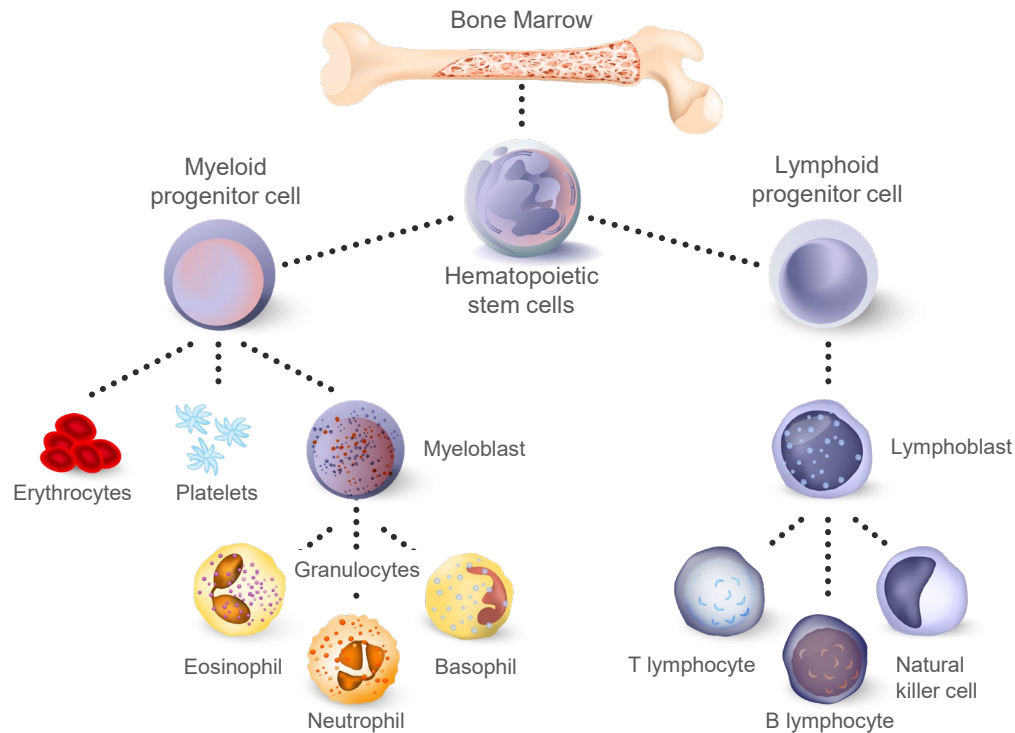
Potential to improve overall survival through:

- 1 Increased cytotoxic exposure
- 2 Enhanced anti-tumor immunity

Aggressively investigating dual benefit impact across multiple tumor types

Maximizing the dual benefits of trilaciclib with the potential to improve overall survival

Myeloprotection: Protecting Bone Marrow from Cytotoxic Damage

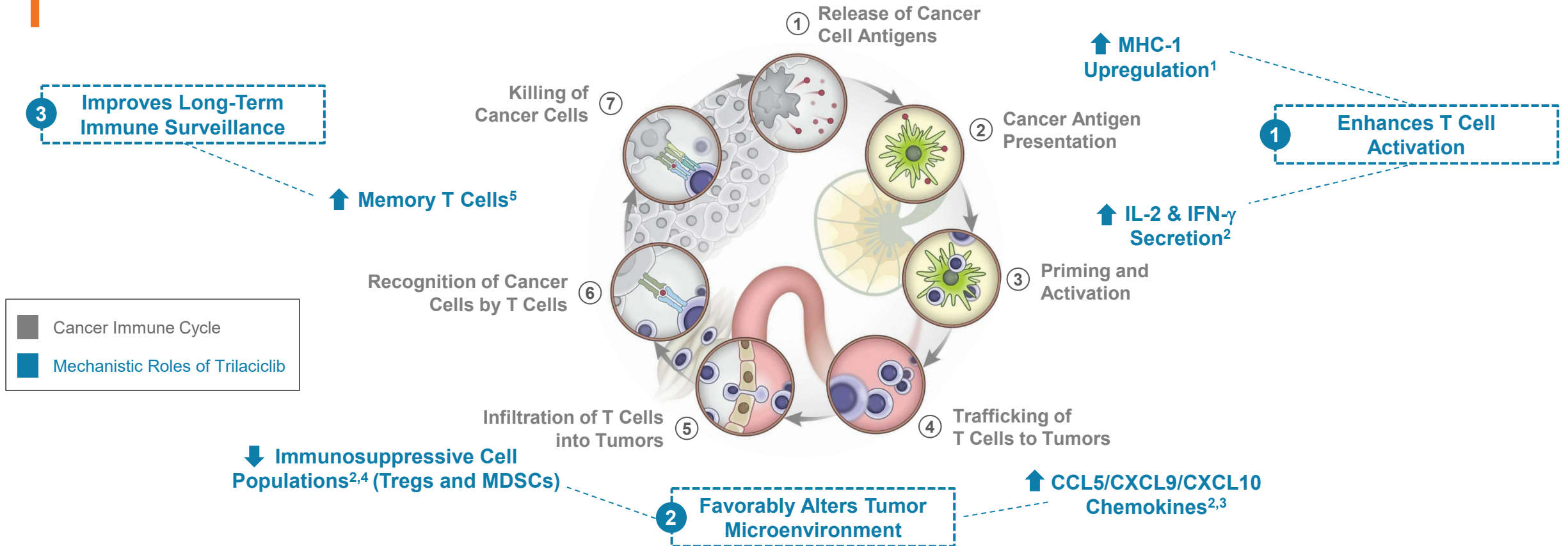


Potential Benefits of Myeloprotection

- Improves patients' QoL
- Decreases rescue interventions, hospitalizations, associated costs
- Protects immune system function from damage by cytotoxic therapy
- Enables patients to tolerate greater exposure to cytotoxic therapy

Trilaciclib helps protect HSPCs and myeloid and lymphoid cell lineages from damage caused by cytotoxic therapy - providing multiple potential benefits

Potential to Enhance Anti-Tumor Immunity



Trilaciclib enhances multiple immunological processes – providing synergistic benefit in combination with chemotherapy, ADCs and checkpoint inhibitors

2023 Priorities

Drive COSELA Sales Growth

- Month-over-month growth in 4Q22; January highest month since launch; strength continuing through February
- 182% revenue growth in 2022 over 2021
- Guiding to between \$50M and \$60M in 2023 net COSELA revenue

Execute on Four Ongoing Clinical Trials

- 1L TNBC: 1H 2024 pivotal readout; high confidence based on Ph. 2 data
- 2L / 3L TNBC (ADC): Initial efficacy data expected in 2Q 2023; preliminary results suggests reduced AEs
- Neoadjuvant TNBC (MOA): Pathologic CR data expected in 2Q 2023; initial results supported immune MOA
- 1L bladder (mUC): Longer term anti-tumor efficacy endpoints, including PFS and DOR, expected in mid-2023

Efficiently Extend Capital

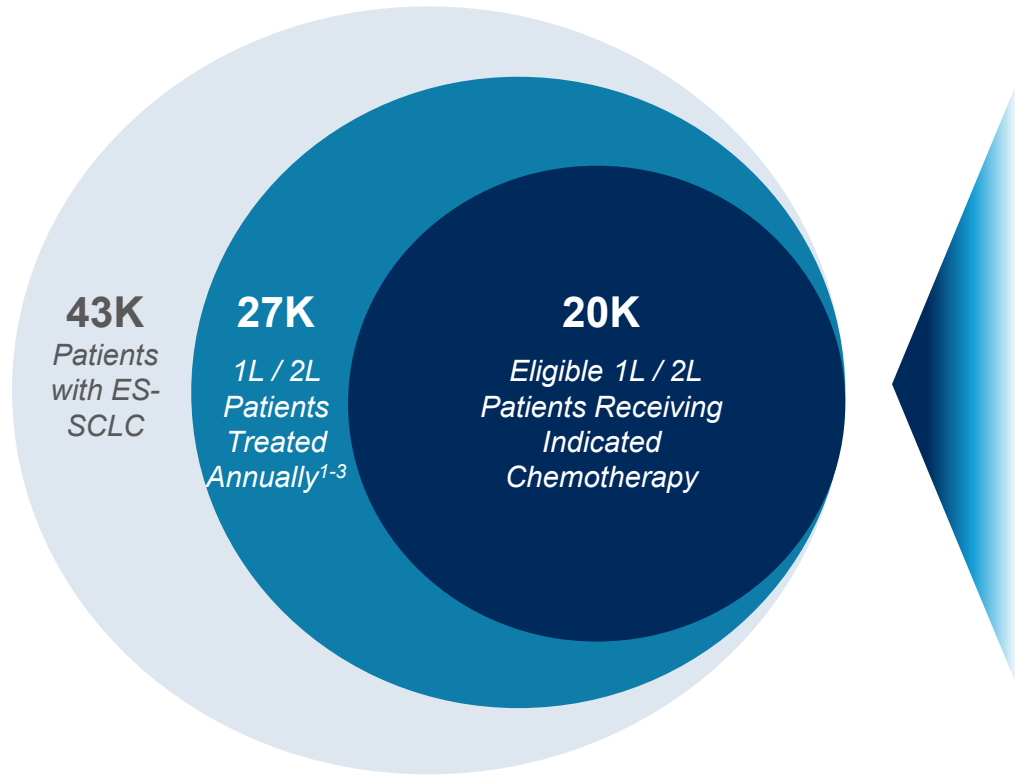
- Ensure cash runway through each of our clinical trial readouts



Driving COSELA[®] (trilaciclib) Growth in ES-SCLC

COSELA in ES-SCLC: Opportunity to Impact Many Lives

U.S. ES-SCLC Patient Population (2022)



- **Demonstrated reductions in multiple myelosuppressive consequences and hematologic adverse events**
 - Across multiple randomized SCLC studies and Real-World Evidence studies
- **ES-SCLC patients predominantly treated with highly myelosuppressive chemo regimens**
 - Opportunity for innovation given aggressiveness of disease (1L median OS ~1 year⁴)
 - Standard treatment includes ~4 cycles of chemo
- **Strong reimbursement, majority in Medicare**

COSELA can significantly improve the chemotherapeutic experience and improve the lives of patients with ES-SCLC

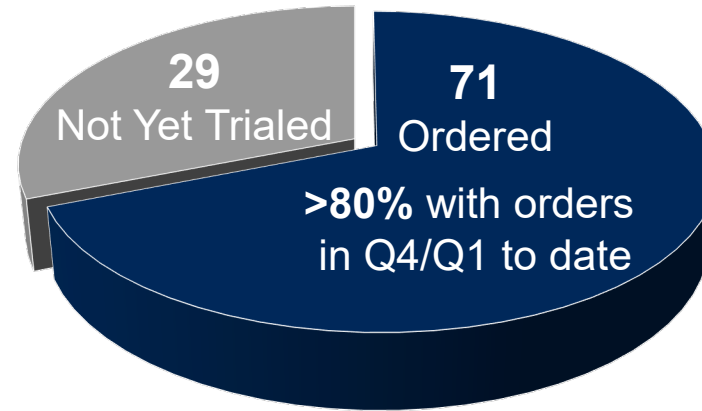
COSELA: 4Q22 Update

- Return to volume growth in 4Q22 (+8%) after flat 3Q22
 - Volumes grew month over month throughout 4Q22
- Continued progress into 2023
 - January = highest volume month launch to date
 - Volume strength continuing: Highest volume week in February
- Volume based contracts contribute to growth opportunity
 - Three volume-based agreements to date with large community oncology provider networks
 - 1Q23 quarter to date increases in demand in these contracted organizations of >30%
- Significant increase in number of new accounts
 - ~100 new accounts in 4Q22 vs. ~70 in 3Q22
 - Adding new accounts at a rate ~one per day in 2023*
 - ~80% reorder rate among Top 100 using COSELA

Performance in 4Q22 and 1Q to date confirms significant growth opportunity remains in ES-SCLS

Progress with Account Depth and Breadth

Top 100 Organizations



- 71 of Top 100 US customer organizations have trialed COSELA launch to date (8 new in 4Q22; 2 in 1Q23*)
 - >30% of US market potential in these 71 Top 100 organizations

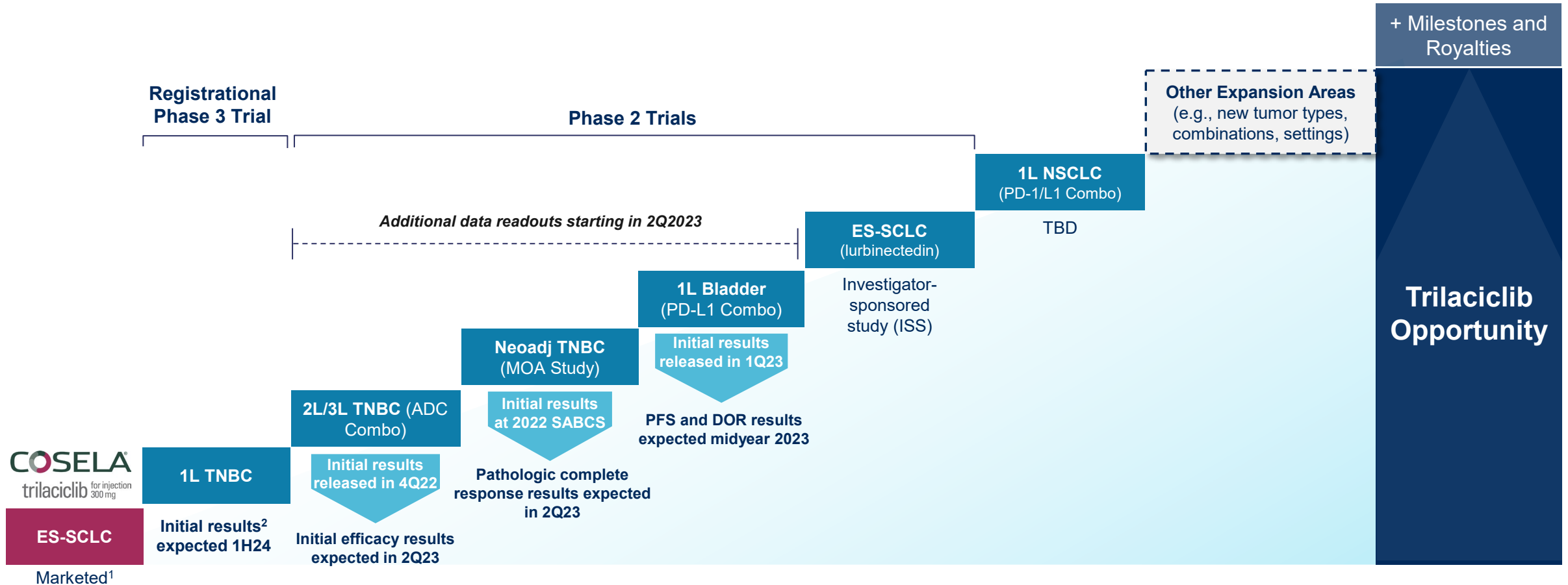
- Depth continues to be the challenge
 - 14% depth in Top 100 organizations
 - 17% depth across all organizations with utilization

Continued breadth of trial, especially in Community, with opportunity to grow depth



Executing on Ongoing Clinical Trials

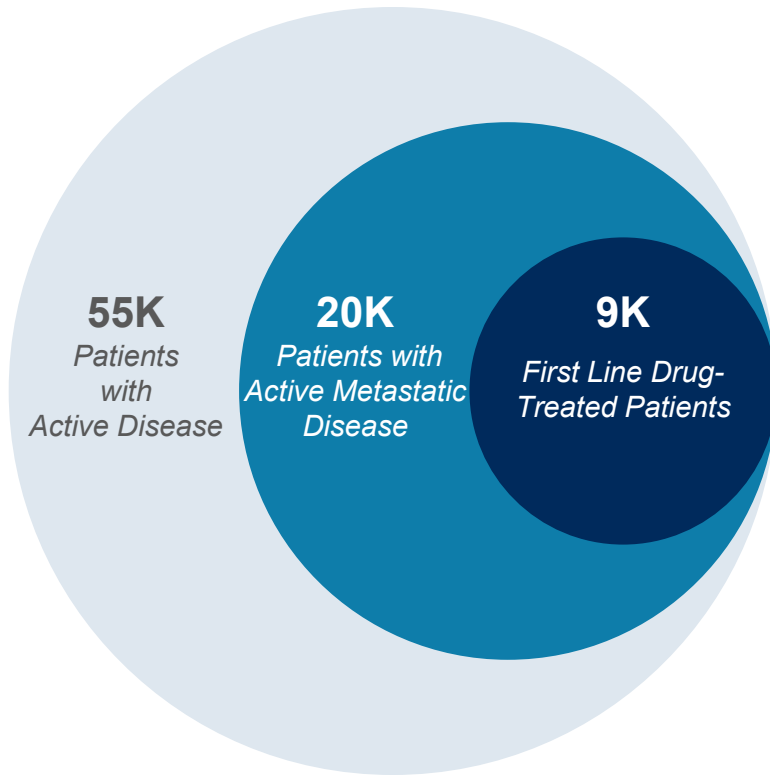
Marketed Product Providing Pipeline-in-a-Molecule



1. COSELA is marketed in the U.S. by G1 and conditionally approved in Greater China to be marketed by our partner, Simcere conditionally approved in Greater China to be marketed by our partner, Simcere. Trilaciclib is an investigational drug in all other indications and its safety and efficacy has only been established in ES-SCLC
2. 1L TNBC data readout in 1H 2024 expected to include interim results for Overall Survival (OS); event-driven interim OS analysis to be conducted by its DMC in 1H 2024

1L TNBC: Important Area of High Unmet Need

U.S. TNBC Patient Population (2021)¹



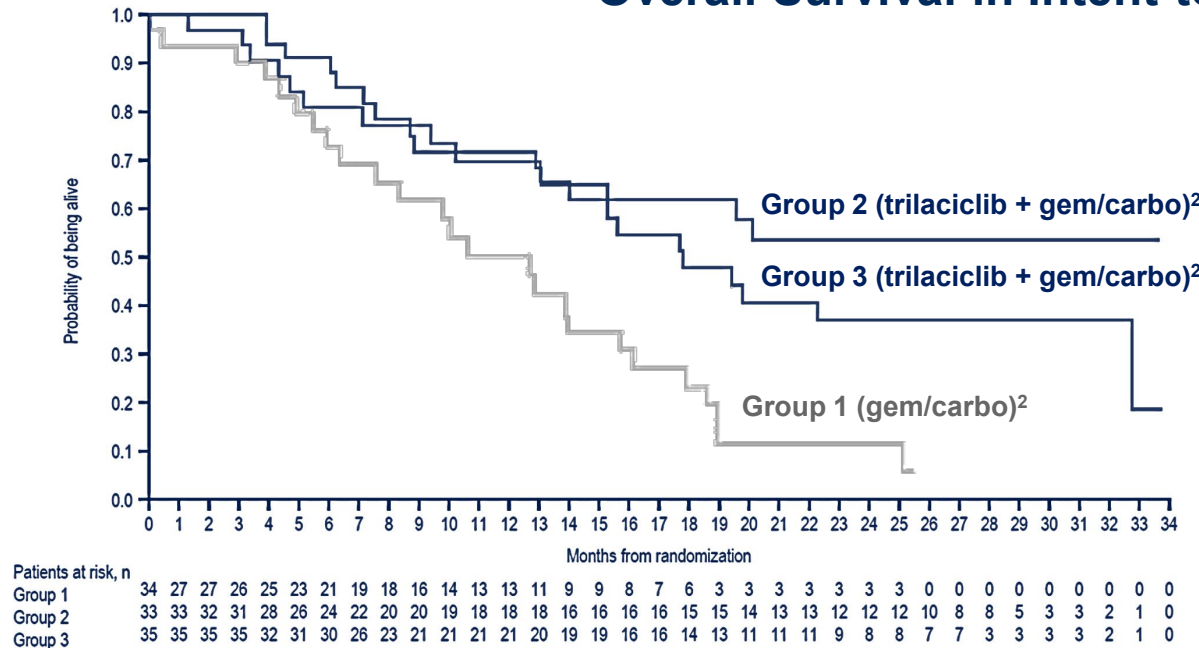
- **TNBC tumors are aggressive and difficult to treat**
 - Categorized by lack of HR expression and HER2 gene amplification
 - Trilaciclib demonstrated robust survival benefit with chemo in Ph2
- **Chemo +/- targeted therapy remains first-line TNBC SoC**
 - ~9k annual first-line drug treated TNBC patients in the U.S.
 - Targeted therapies only demonstrated benefit in subpopulations
- **Trilaciclib demonstrated broad benefit in Randomized Phase 2**
 - Benefit observed across PD-(L)1+ and PD-(L)1- subpopulations
 - Patients receive 4 vials of trilaciclib for each 3-week cycle

Potential to meaningfully increase overall survival across 1L TNBC subpopulations

Observed Robust OS Improvement in mTNBC

Foundational Data for PRESERVE 2: Completed Randomized Phase 2 Trial

Overall Survival in Intent-to-Treat Population¹

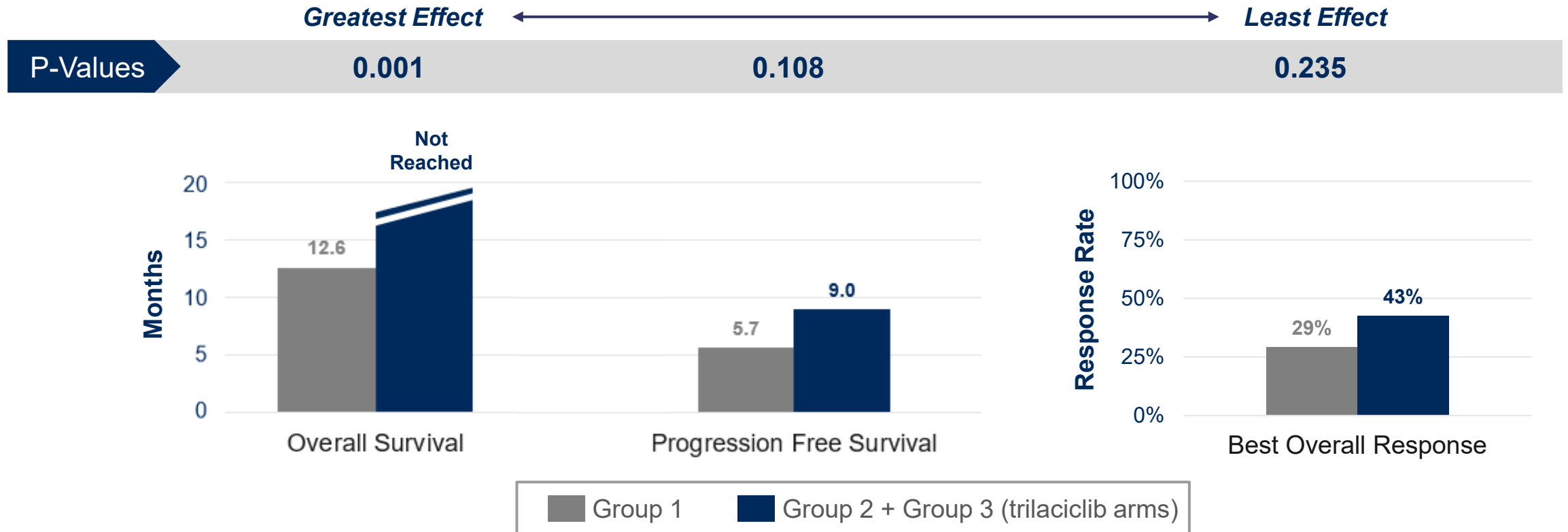


Treatment Group ²	Median OS, months	Hazard Ratio (95% CI)	P Value
Group 1: (gem/carbo)	12.6	-	-
Group 2: (gem/carbo + trilaciclib)	Not Reached	0.31 (0.15-0.63)	0.0016
Group 3: (gem/carbo + trilaciclib)	17.8	0.40 (0.22-0.74)	0.0004

Fast Track Designation granted as a result of these data (July 2021)

Overall Survival Most Significant Effect in mTNBC Study

Randomized Phase 2: Combination with Chemotherapy



Trilaciclib demonstrated the most robust effect on OS, consistent with its observed immunomodulatory effects

OS Improvement Observed, Regardless of PD-L1 Status

Overall Survival for PD-L1 Positive Tumors¹

Treatment Group ²	Patients	Median OS (95% CI), Months	Hazard Ratio (95% CI)	P Value
Group 1: (gem/carbo)	17	10.5 (6.3 – 18.8)	-	-
Group 2 and 3: (gem/carbo + trilaciclib)	32	32.7 (17.7 – NR)	0.34 (0.2 – 0.7)	0.004

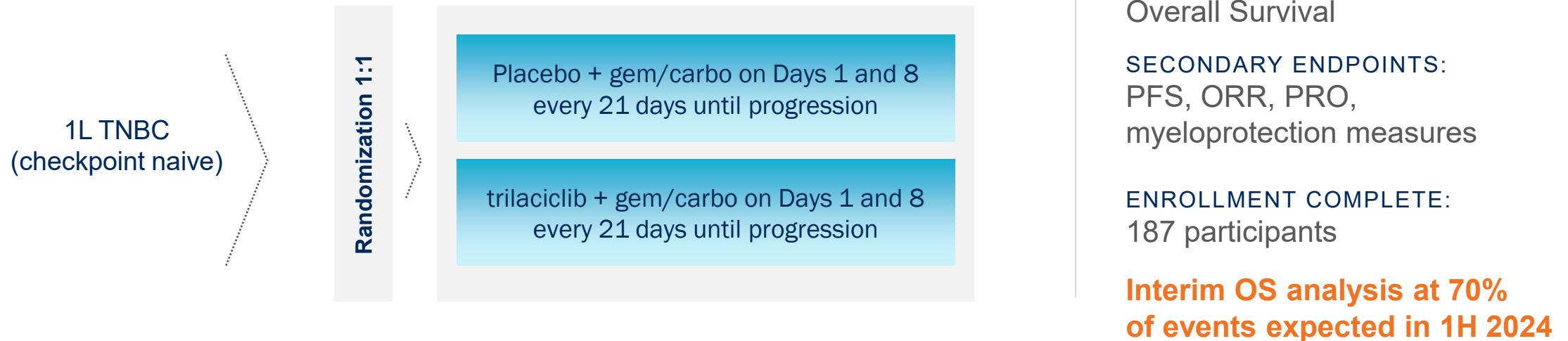
Overall Survival for PD-L1 Negative Tumors¹

Treatment Group ²	Patients	Median OS (95% CI), Months	Hazard Ratio (95% CI)	P Value
Group 1: (gem/carbo)	10	13.9 (12.6 – NR)	-	-
Group 2 and 3: (gem/carbo + trilaciclib)	26	17.8 (13.1 – NR)	0.48 (0.2 – 1.2)	0.093

Overall Survival improvement was observed regardless of tumor PD-L1 status (greater effect in PD-L1 positive tumors)

Ongoing First-Line TNBC Ph3 Pivotal Trial: PRESERVE 2

Initial positive evidence of efficacy across subsets and line of treatment in Phase 2 trial¹
Evaluating 1L patients (PD-L1 positive and negative patients)



Pivotal study evaluating trilaciclib in mTNBC building upon robust OS benefit observed in prior randomized Phase 2 study

Three Ongoing Phase 2 Proof of Concept Studies

Proof of Concept Study

Key Goals of Study Related to Trilaciclib

2L / 3L TNBC (ADC trial)

(Enrollment complete; n=30)

*Results including PFS expected
in 2Q 2023*

1. Evaluate myeloprotection benefits with an ADC (sacituzumab govitecan-hziy in this study)¹
2. Determine whether increased cytotoxic exposure and potential synergy increases PFS / OS

Neoadjuvant TNBC (MOA trial)

(Enrollment complete; n=24)

*Results including pCR expected
in 2Q 2023*

1. Clinically confirm mechanistic effects that appear to be driving increased immunomodulation²
2. Evaluate if there is an anti-tumor efficacy signal in early stage TNBC patients

1L Bladder Cancer

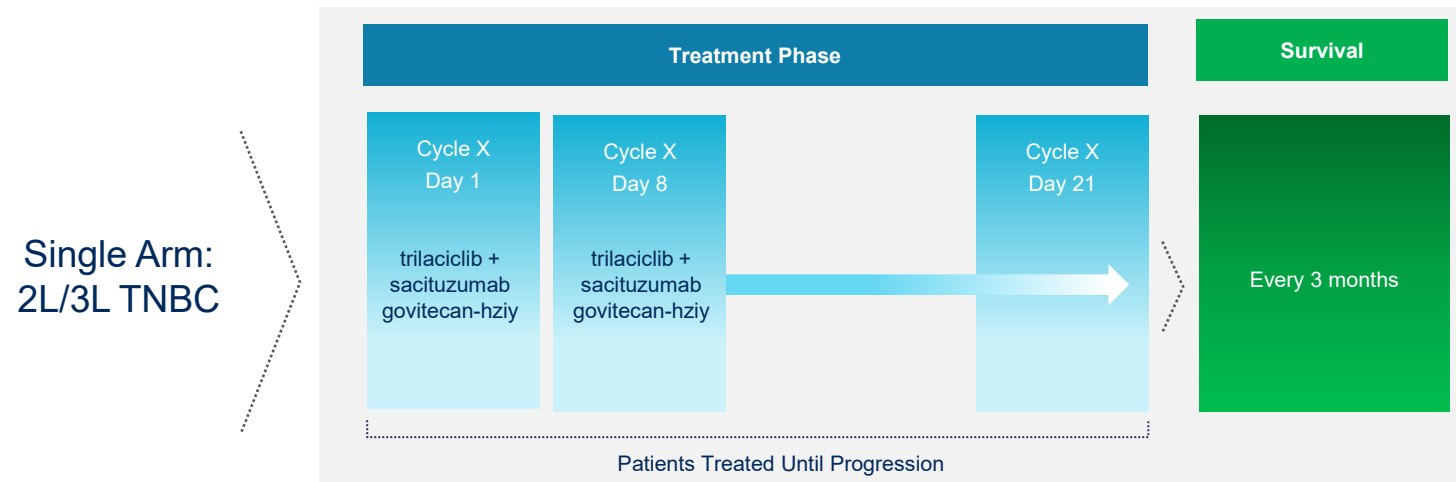
(Enrollment complete; n=92)

*Results including PFS and DOR
expected midyear 2023*

1. Demonstrate ability to increase survival across additional tumors³
2. Evaluate if synergistic benefits with a CPI observed preclinically is translatable to humans

Phase 2 ADC Combination Study: 2L/3L Metastatic TNBC

Evaluate synergistic combo potential of trilaciclib and sacituzumab govitecan-hziy, each of which have individually demonstrated clinically meaningful OS improvements in TNBC



PRIMARY ENDPOINT:
PFS

SECONDARY ENDPOINTS:
ORR, CBR, OS,
myeloprotection measures

ENROLLMENT COMPLETED:
30 patients

PATIENTS TREATED UNTIL PROGRESSION

PFS data expected 2Q 2023

Strong belief in clinical rationale underlying this combination; data generated will be instructive in evaluating future ADC combination possibilities

Initial Results from Phase 2 ADC Combination Study

Adverse events in patients receiving trilaciclib in combination with sacituzumab govitecan-hziy (n=18)

Summary of TEAEs (≥ 15% of patients) in patients receiving trilaciclib in combination with sacituzumab govitecan-hziy		
Adverse Event	Any Grade	Grade 3-4
Fatigue	44%	0%
Nausea	39%	0%
Constipation	28%	0%
Diarrhea	28%	0%
Headache	28%	0%
Neutropenia	22%	17%
Decreased Appetite	22%	0%
Leukopenia	17%	17%
Abdominal Pain Upper	17%	0%
Alopecia	17%	0%
Summary of other relevant TEAEs in patients receiving trilaciclib in combination with sacituzumab govitecan-hziy		
Adverse Event	Any Grade	Grade 3-4
Anemia	6%	0%
Febrile Neutropenia	0%	0%
Thrombocytopenia	0%	0%

Cutoff: 14 October 2022

Adverse events in patients receiving sacituzumab govitecan-hziy (n=258)

Summary of TEAEs in patients receiving sacituzumab govitecan-hziy ^{*1}		
Adverse Event	Any Grade	Grade 3-4
Fatigue	52%	4%
Nausea	62%	<4%
Constipation	37%	<1%
Diarrhea	65%	11%
Headache	18%	1%
Neutropenia	64%	52%
Decreased Appetite	28%	2%
Leukopenia	17%	10%
Abdominal Pain Upper	21%	3%
Alopecia	47%	0%
Summary of other relevant treatment-related adverse events in patients receiving sacituzumab govitecan-hziy ²		
Adverse Event	Any Grade	Grade 3-4
Anemia	34%	8%
Febrile neutropenia	6%	6%
Thrombocytopenia	5%	2%

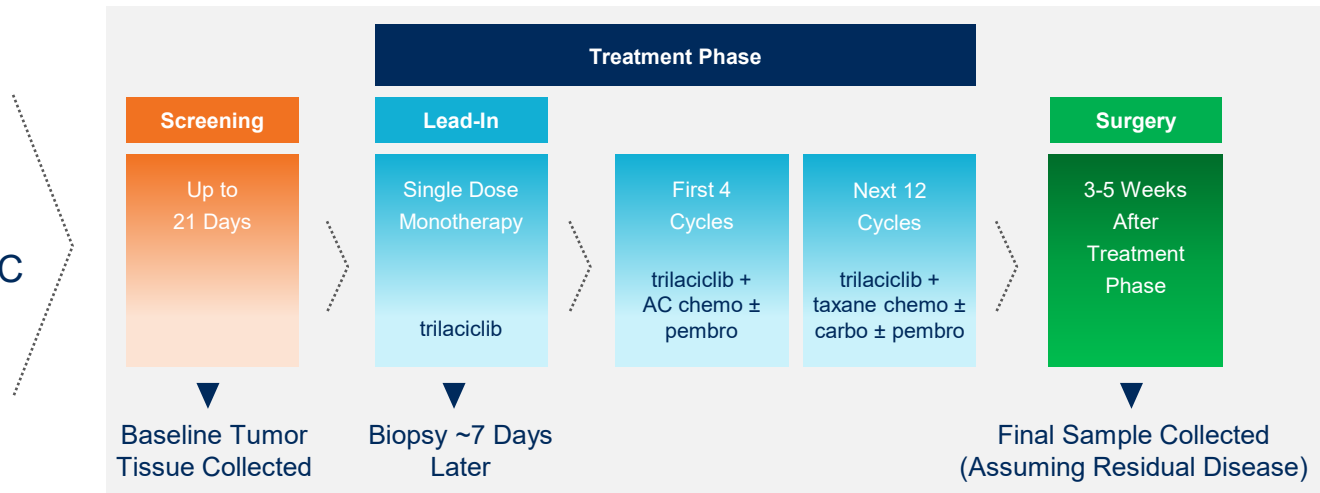
^{*}Only includes subset of TEAEs reported in patients receiving trilaciclib and sacituzumab govitecan-hziy

Preliminary data highlight potential to reduce adverse events, including on target effects on neutropenia and diarrhea

Phase 2 Neoadjuvant TNBC: Mechanism of Action (MOA) Study

Confirm immune-based properties of trilaciclib and its potential role in increasing the anti-tumor efficacy of chemotherapy with and without a checkpoint inhibitor

Single Arm:
Early-stage TNBC



PRIMARY ENDPOINT:
Immune-based MOA

SECONDARY ENDPOINTS:
pCR, immune response and
profiling measures

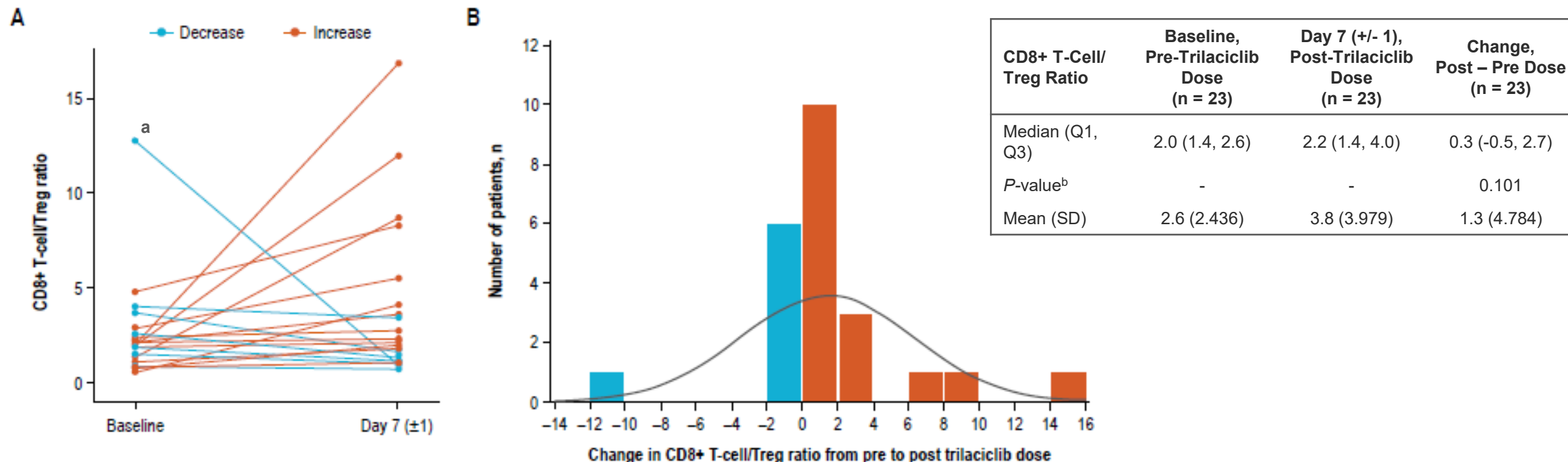
ENROLLMENT COMPLETED:
24 patients

pCR data expected 2Q 2023

**Data will inform design of future additional studies
across multiple tumor types and treatment combinations**

Initial Results from Phase 2 MOA Study in Neoadjuvant TNBC

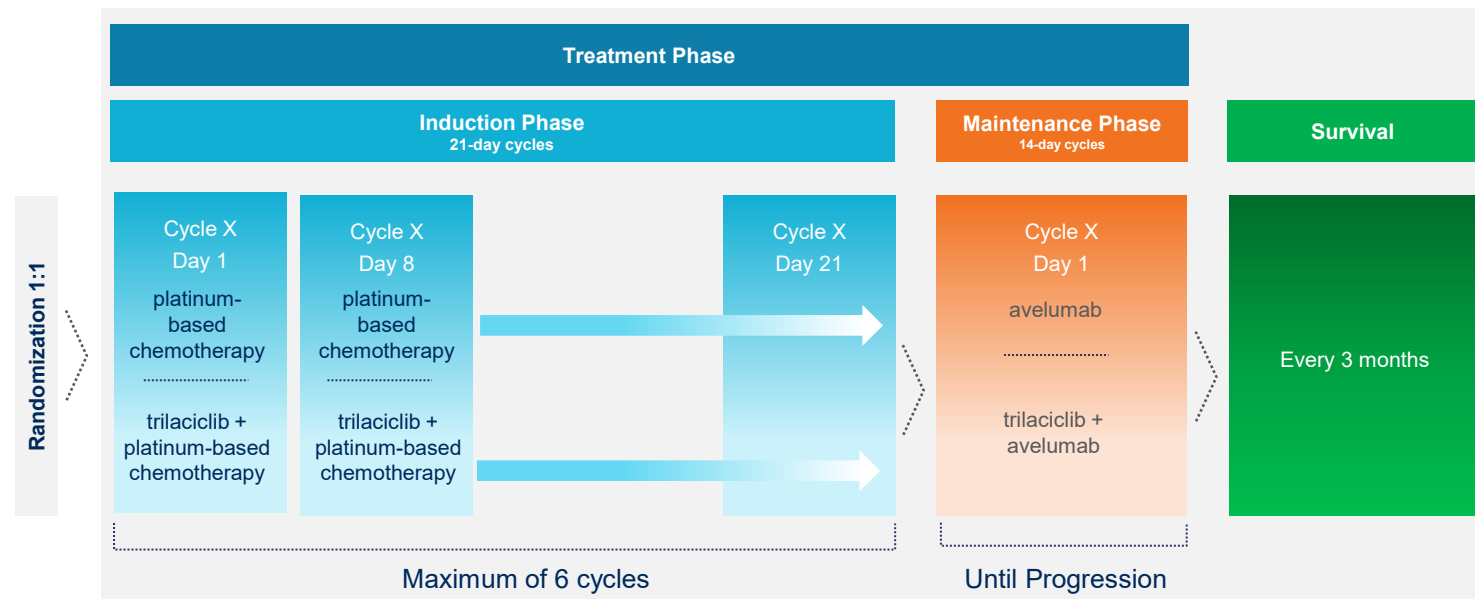
Change in CD8+ T-cell / Treg Ratio in Tumor Tissue Over 7 Days
Post Trilaciclib Monotherapy (N=23); Per Patient (A) and Overall (B)



Initial data suggests favorable alterations in tumor microenvironment following single administration of trilaciclib

Phase 2 Bladder (mUC) Study: PRESERVE 3

Building on strong rationale for trilaciclib in a known immunogenic tumor;
focused on ability to increase PFS in checkpoint combination



PRIMARY ENDPOINT:
PFS

SECONDARY ENDPOINTS:
ORR, DCR, DOR, OS,
myeloprotection measures

ENROLLMENT COMPLETED:
92 participants

PATIENTS TREATED UNTIL
PROGRESSION

**PFS and duration of response
expected mid-2023**

Phase 2 study will provide meaningful data to help define future combination studies

Initial Results from Phase 2 Bladder Study

- Confirmed objective response rate (ORR) per RECIST v1.1 was comparable between arms
 - ORR was 40.0% (n=18/45) and 46.7% (n=21/45) in the trilaciclib and control arms, respectively
 - Longer-term follow-up required to characterize additional anti-tumor endpoints:
 - Median duration of confirmed objective response (DOR)
 - PFS (primary endpoint of the study)
- Safety and tolerability profile is generally consistent with expectations for patients treated with gemcitabine plus cisplatin/carboplatin and avelumab maintenance in 1L mUC
 - DMC has recommended the study continue as planned

Potentially Ideal Treatment Settings for Future Studies

1

Myeloprotection: Enabling increased cytotoxic exposure while protecting immune system

ADCs

(in areas ADC monotherapy may become SoC)

ADC Combinations

(in areas ADC combinations may become SoC)

Other Highly Myelotoxic Regimens

2

Immunomodulation: Improving overall immune response

CPI + Chemo/ADC

(in immunogenic tumors)

CPI Maintenance

(metastatic or adjuvant uses)

Future CPI Combos

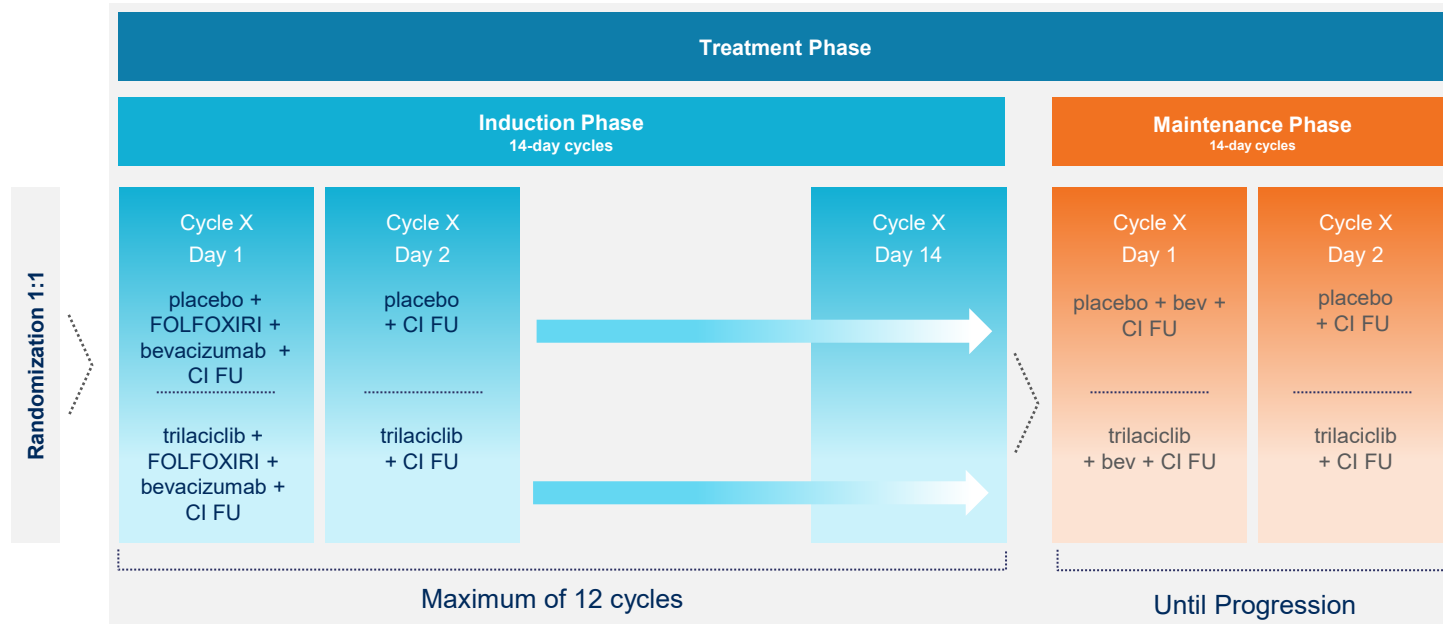
(e.g., PD-(L)1i + anti-LAG3;
PD-(L)1i + anti-CD73)



| PRESERVE 1 Update

PRESERVE 1: Phase 3 First-Line CRC Pivotal Trial

Evaluated trilaciclib prior to FOLFOXIRI/bevacizumab in 1L CRC (pMMR/MSS) patients



PRIMARY ENDPOINT:
Myeloprotection: SN during Induction & DSN Cycles 1-4

SECONDARY ENDPOINTS:
PRO, PFS, OS

ENROLLMENT:
326 participants

Designed to demonstrate myeloprotection and improved tolerability with FOLFOXIRI, which is the most efficacious and myelotoxic regimen

PRESERVE 1: Initial Data from Primary Endpoint Readout

Trial Discontinued Based on Totality of Data

1	Achieved Co-Primary Endpoints	<p>Impact on Neutropenia:</p> <ul style="list-style-type: none">• Occurrence of Severe Neutropenia (Gr 4): 1.3% trilaciclib vs 19.7% placebo (p value <0.001)• Duration of Severe Neutropenia: 0.1 trilaciclib vs 1.3 placebo (p value <0.001)	<ul style="list-style-type: none">• Further validates the myeloprotection benefit of trilaciclib• The adverse effect on anti-tumor efficacy appears limited to this chemotherapy regimen in CRC• An unexpected interaction with 5FU is among the hypotheses under evaluation
2	Additional Tolerability Benefits	<p>Diarrhea: Reduced Grade 3 or 4 diarrhea by 50% and all grade diarrhea by 30%</p> <p>Dose Delays / Reductions: Patients had fewer chemotherapy dose delays and dose reductions</p>	
3	Reduced Levels of Anti-Tumor Efficacy	<p>ORR: 49.6% trilaciclib vs 60.7% placebo for unconfirmed response rate during induction phase</p>	

Clear improvement demonstrated in primary endpoint and key tolerability metrics, but anti-tumor efficacy measures favored placebo

Efficiently Extending Capital

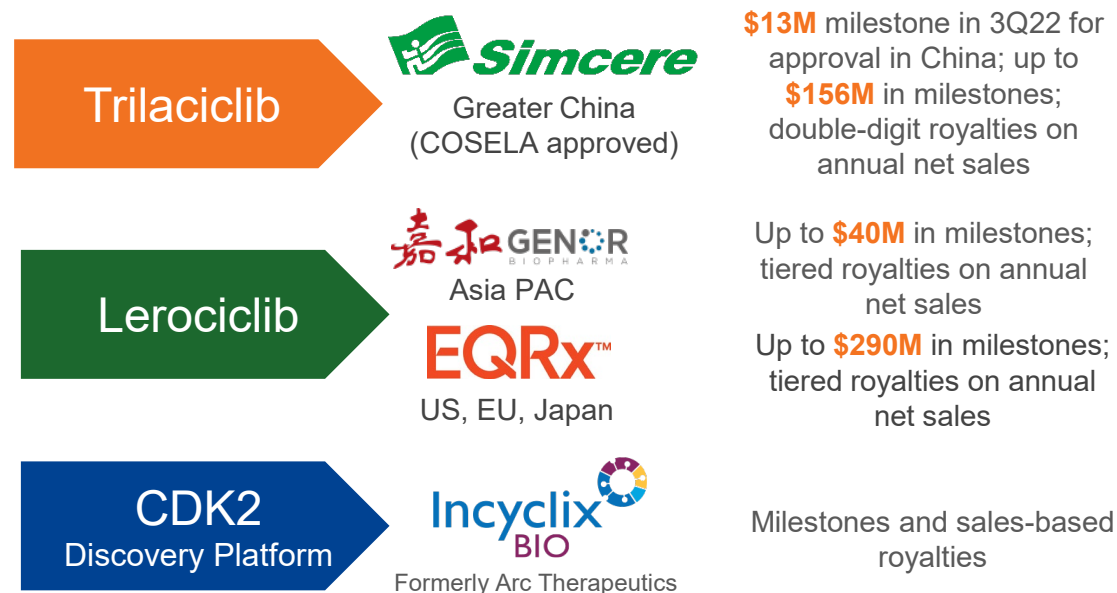
\$145.1M in cash, cash equivalents, and marketable securities as of Dec. 31, 2022

Expense reduction following PRESERVE 1 results:

- Completed reduction in force of ~30% (February 2023)
- Reduced anticipated spend throughout organization (2023 OpEx forecast to be 20-30% below 2022)
- With these changes/guidance/assumptions, 2023 year-end cash, cash equivalents and marketable securities forecast to be \$70M to \$80M

Cash runway forecast to extend through readouts from ongoing clinical trials

Additional potential proceeds from existing license agreements



Potential for \$461 million in milestone payments (as of 12/31/22) plus royalties



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