



# HARNESSING THE POWER OF MACROPHAGES

**April 2024**

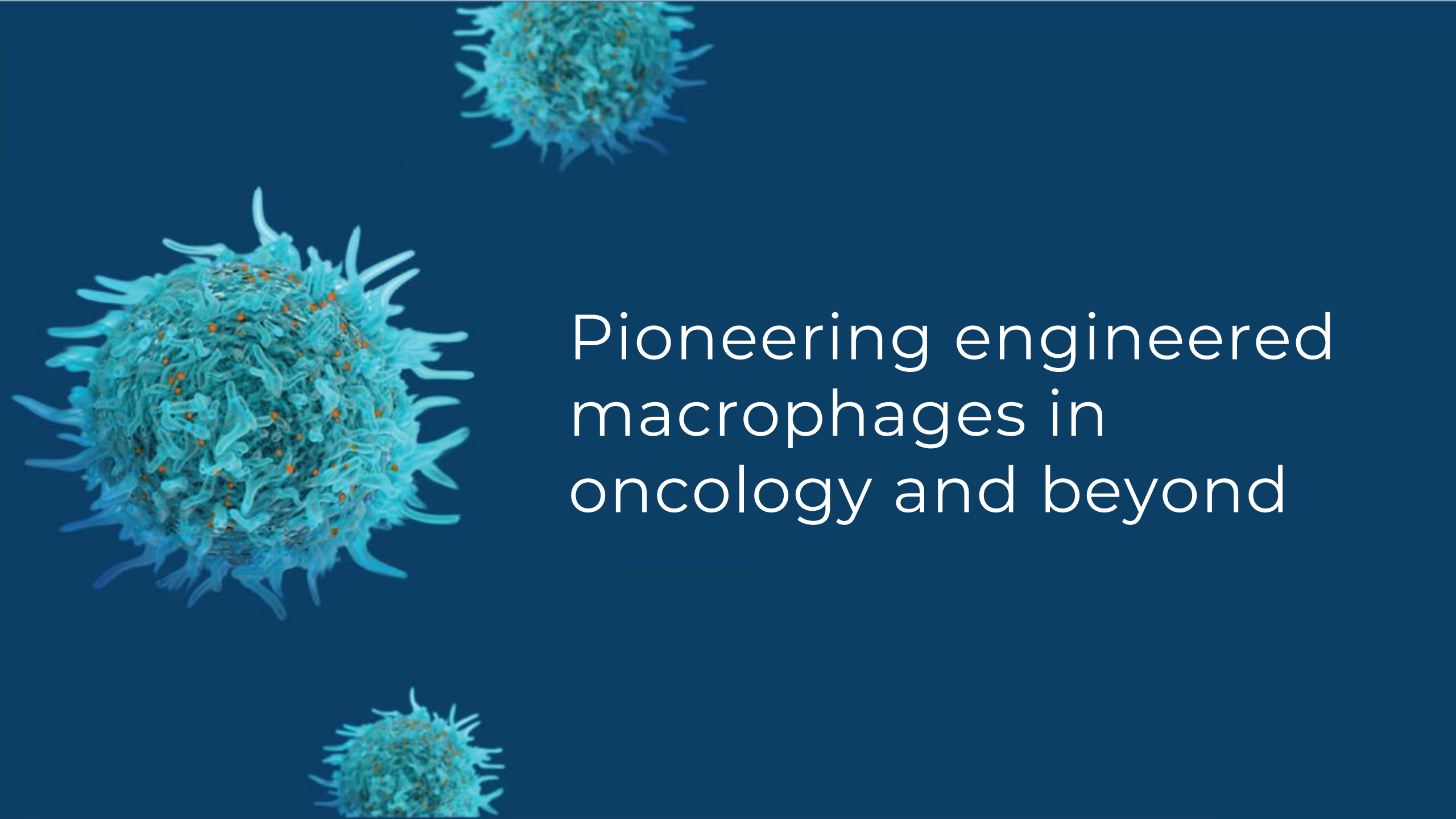




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The image features three spherical clusters of cells, each composed of numerous blue, hair-like filaments extending from a central core. Small orange dots are scattered throughout the clusters. The background is a solid dark blue. The text is positioned to the right of the largest cluster.

# Pioneering engineered macrophages in oncology and beyond

# Harnessing the Power of Macrophages

Developing unique and transformative cell therapies for patients with devastating diseases

## HER2 Program

- Focused development of CT-0525 (CAR-Monocyte), which we believe is best suited to deliver benefit to patients with HER2 over-expressing solid tumors refractory to available treatments
- CT-0508 trial to conclude post Regimen 2 of sub-study in combination with pembrolizumab
- CT-0525 data is expected end of 2024

## Beyond HER2\*

- *In Vivo* Oncology: Advancing multiple targets in our *in vivo* CAR-M program in collaboration with Moderna
- Fibrosis: Advancing an engineered macrophage in liver fibrosis, with preclinical proof of concept data expected in 2Q 2024

## Corporate

- Cash runway into 3Q 2025, funding multiple clinical and preclinical catalysts
- Strong IP position
- Potential for collaborations (except *in vivo* oncology)

# CAR-M: Differentiated from CAR-T and CAR-NK

CAR-M has the potential for key solid tumor advantages over both

	CAR-T	CAR-NK	CAR-M
<b>Mechanism of Action</b>			
Effector Cell	CD4/CD8 T cells	Natural Killer Cells	Macrophages or Monocytes
Persistence	High	Low	Intermediate
Trafficking Potential	Low	Low	High
TME Activation	Low	Low	High
Antigen Presentation	None	None	High
Epitope Spreading	Low	Low	High
<b>Safety</b>			
Chemotherapy Conditioning	Yes	Yes	No
CRS / ICANS	High / High	Low / Low	Low / Low
<b>Manufacturing</b>			
Manufacturing Time	Days to weeks	Days to weeks	Monocyte: 1 day



# First-in-Class Pipeline

Multiple value inflection points across therapeutic areas and modalities

THERAPEUTIC AREA	PRODUCT CANDIDATE	PLATFORM	DISCOVERY	PRE-CLINICAL	PHASE 1	PHASE 2	PHASE 3	COLLABORATOR
<b>Ex Vivo Oncology</b>								
HER2+ solid tumors	CT-0525	CAR-Monocyte (1st Gen CAR)				4Q 2024: Initial data <sup>1</sup>		
	CT-0508*	CAR-Macrophage (1st Gen CAR)				2Q 2024: Combination data <sup>1</sup>		
Mesothelin+ solid tumors	CT-1119**	CAR-Monocyte (Next-Gen CAR <sup>2</sup> )						
<b>In Vivo Oncology</b>								
Oncology	Solid Tumor Antigen <sup>3</sup>	CAR-Macrophage + mRNA/LNP						
	4 Additional Targets <sup>4</sup>	CAR-Macrophage + mRNA/LNP						
<b>Fibrosis and Immunology</b>								
Liver Fibrosis	TBD	Engineered macrophage				2Q 2024: Preclinical proof of concept data <sup>1</sup>		



\* In late March 2024, Carisma made the decision to cease further development of CT-0508, including monotherapy and in combination with pembrolizumab

\*\* In late March 2024, Carisma made the decision to pause further development of CT-1119, pending additional financing

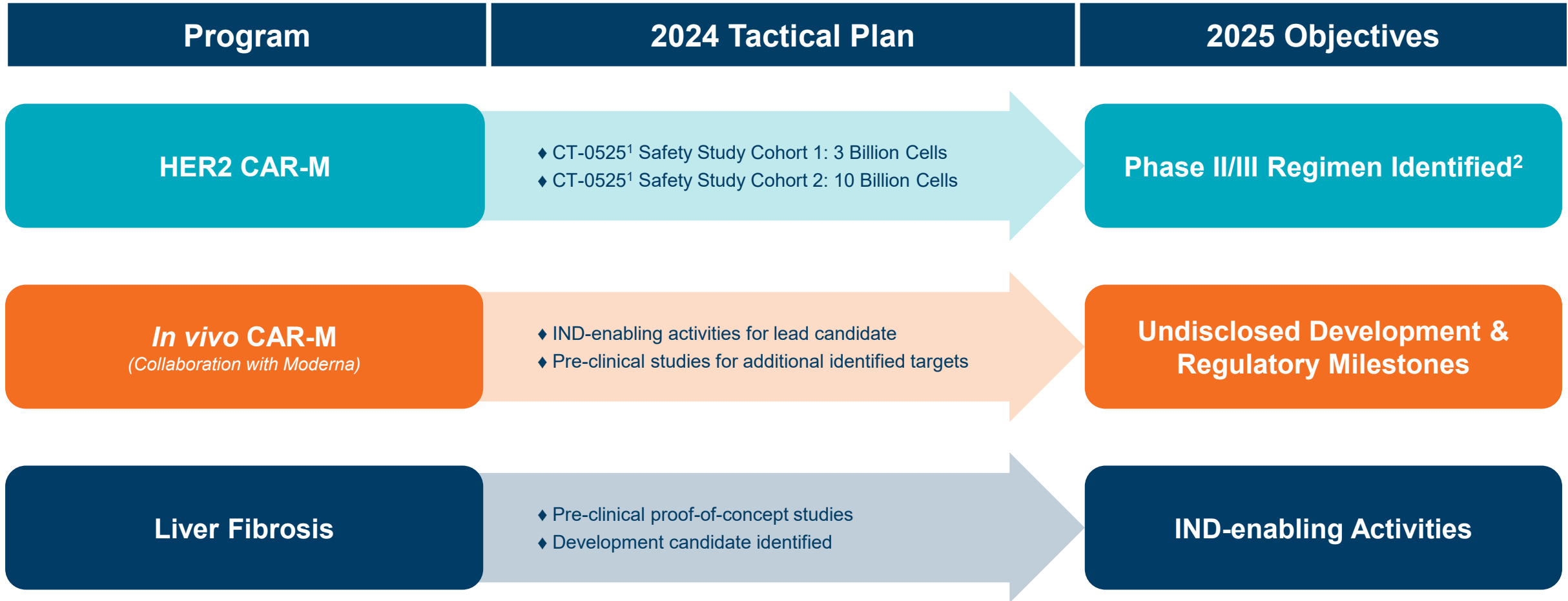
1. Anticipated milestones; 2. Includes SIRPα knockdown technology; 3. Target undisclosed

4. Moderna collaboration has identified 5 total oncology targets, with the option to identify an additional 7 oncology targets; First lead candidate was nominated in 4Q 2023



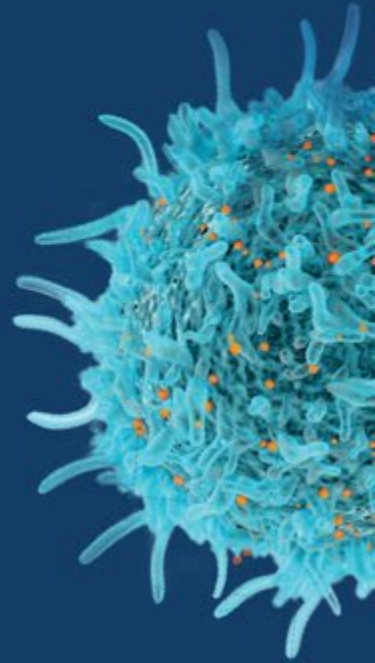
# Drive to 2025

Leverage world-leading macrophage engineering platform to deliver three product opportunities





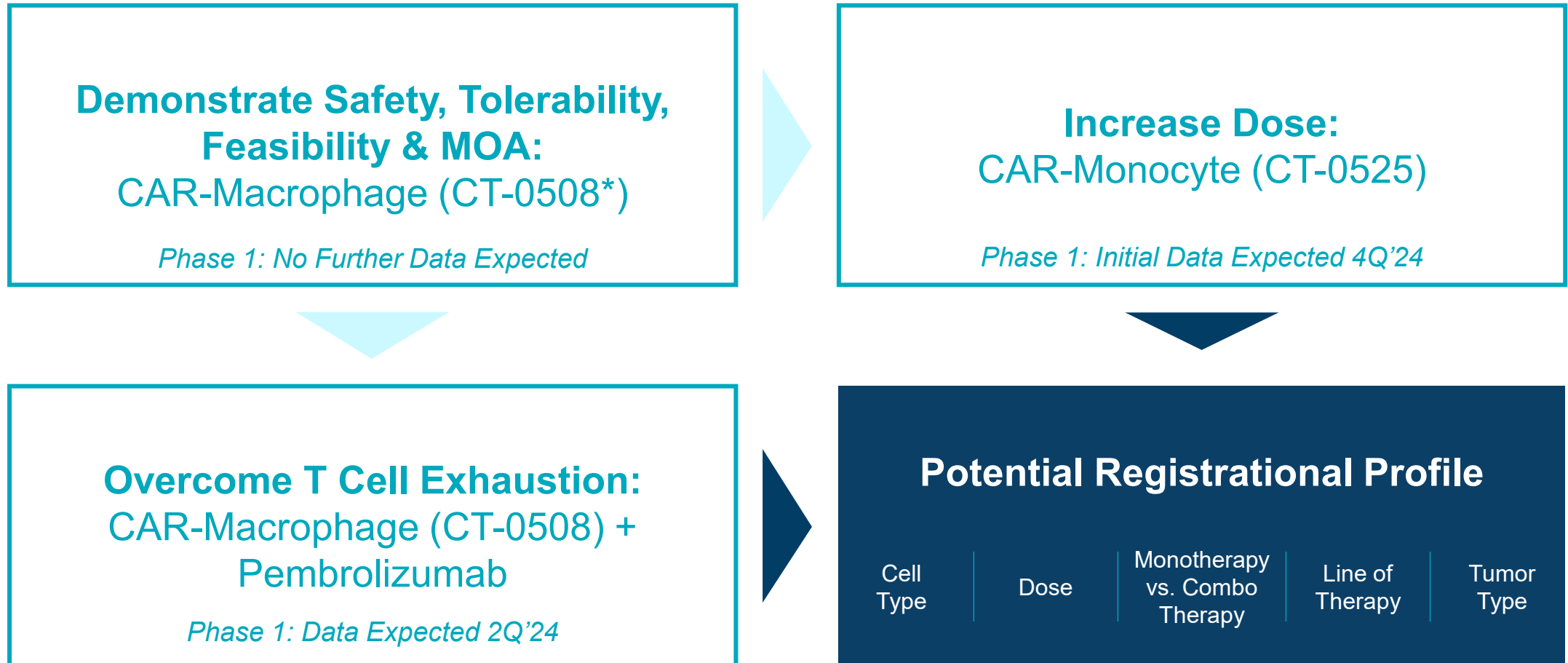
# Targeting HER2: CT-0525 and CT-0508





# HER2 Development Strategy

CT-0525 selected as HER2 product candidate, with additional considerations to be informed by ongoing studies



# CT-0525: HER2 Targeted CAR-Monocyte (Macrophage Precursor)

Potential to significantly improve upon the observed biological activity of CT-0508

## Highlights



### Key Manufacturing Advantages Over CAR-Macrophage

- Higher cell numbers
- Faster manufacturing (1 day)
- Reduced COGS



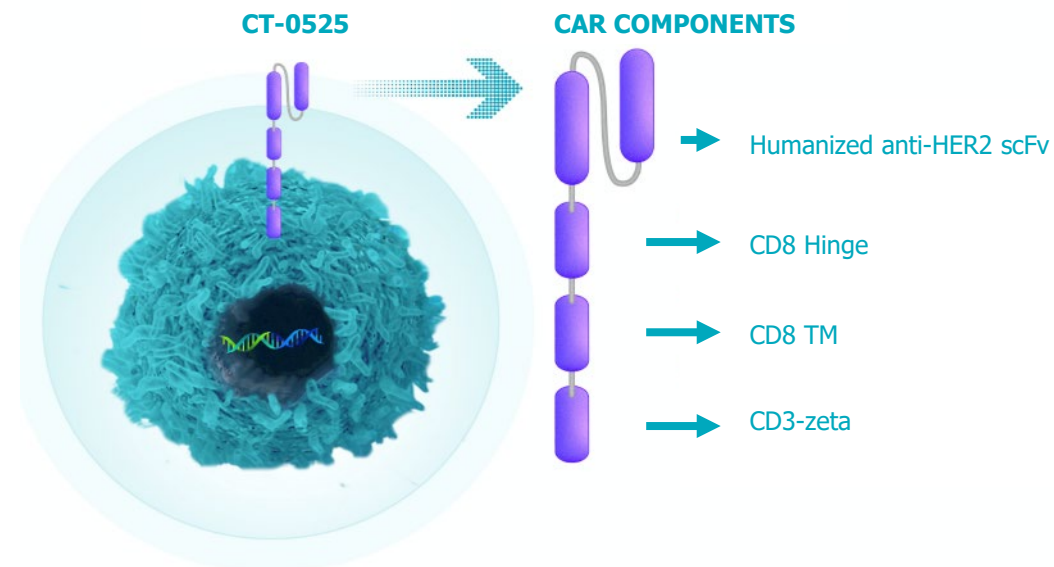
### Potential Biological Advantages Over CAR-Macrophage

- 2,000-fold increased exposure
  - Cell count, trafficking, and persistence
- Increased potency
  - Killing, cytokine release, and antigen presentation
- Dosing flexibility



### Development Plan & Timeline

- ✓ IND cleared
- First patient expected to be treated in 2Q 2024
- Initial data expected in 4Q 2024



CT-0525 Product Description	
Cells	Autologous monocytes
Vector	Ad5f35
Phenotype	M1
CAR	1 <sup>st</sup> Generation

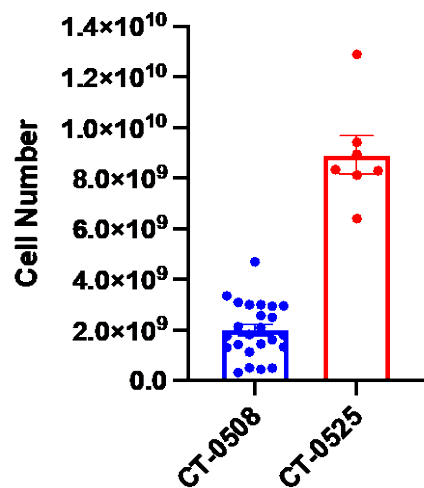
# CT-0525: Multiple Potential Improvements Over CT-0508

Pre-clinical models demonstrate increased cell potency with ~2,000-fold increased exposure over CT-0508

## 5X

Cell Number

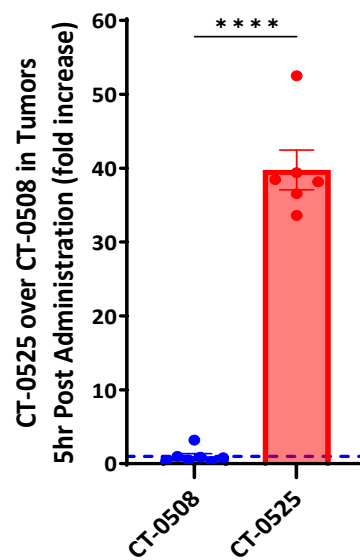
Cells Produced from Single Apheresis:



## 40X

Tumor Infiltration

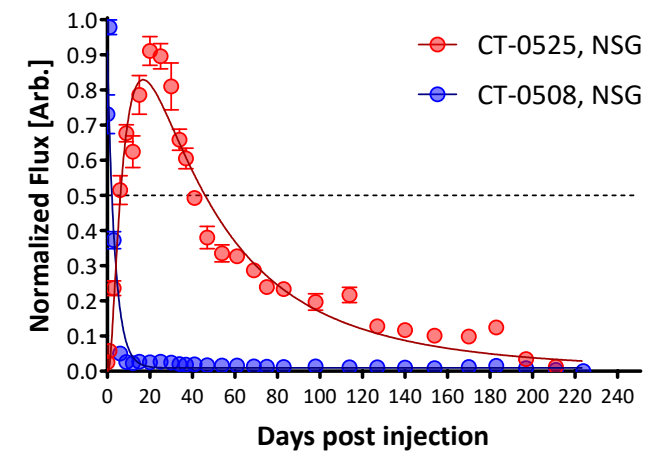
Trafficking in solid tumor model:



## 10X

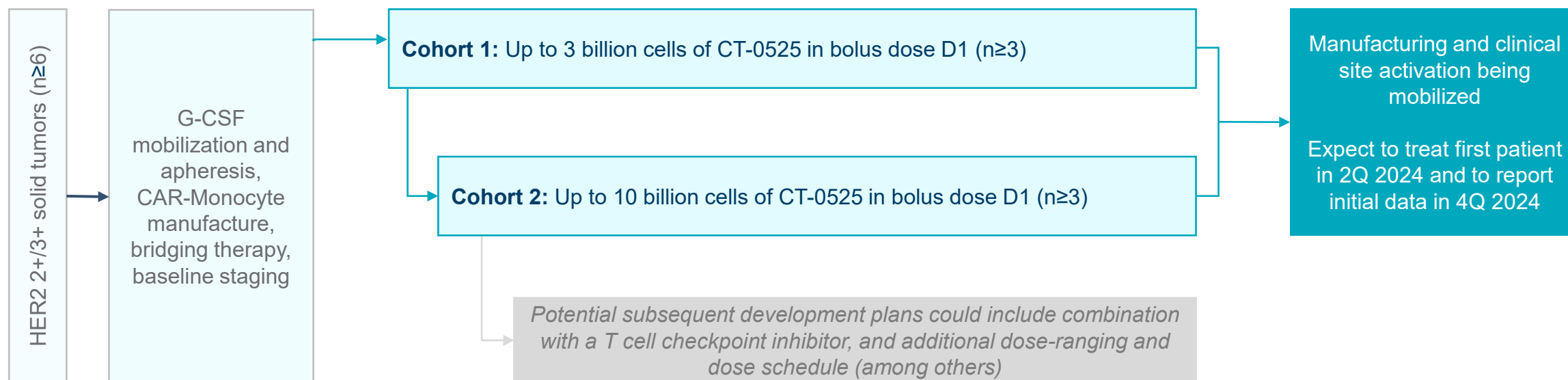
Persistence

CT-0525 half-life is ~45 days:



# CT-0525 Study 102: Phase 1 Clinical Trial Design

Assessing safety, tolerability, and manufacturing feasibility of CT-0525; additional analyses on TME impact

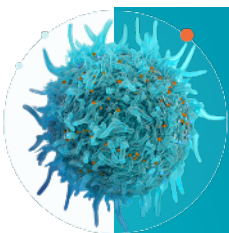


## PRIMARY OUTCOMES

- Safety and tolerability
- Manufacturing feasibility

## SECONDARY OUTCOMES<sup>1</sup>

- In vivo cellular kinetics profile (levels, persistence, trafficking)
- ORR (RECIST 1.1)
- DOR



# CT-0508: HER2 Targeted CAR-Macrophage

Well-tolerated and active therapy in safety study sets the stage for further development of anti-HER2 CAR-M

## Highlights



### Study Status

- Study 101 Group 1 (fractionated dosing): 9 patients
- Study 101 Group 2 (bolus dosing): 5 patients
- Study 101 sub-study (pembrolizumab combination): 6 patients
- Determined to ceased further development in late March 2024



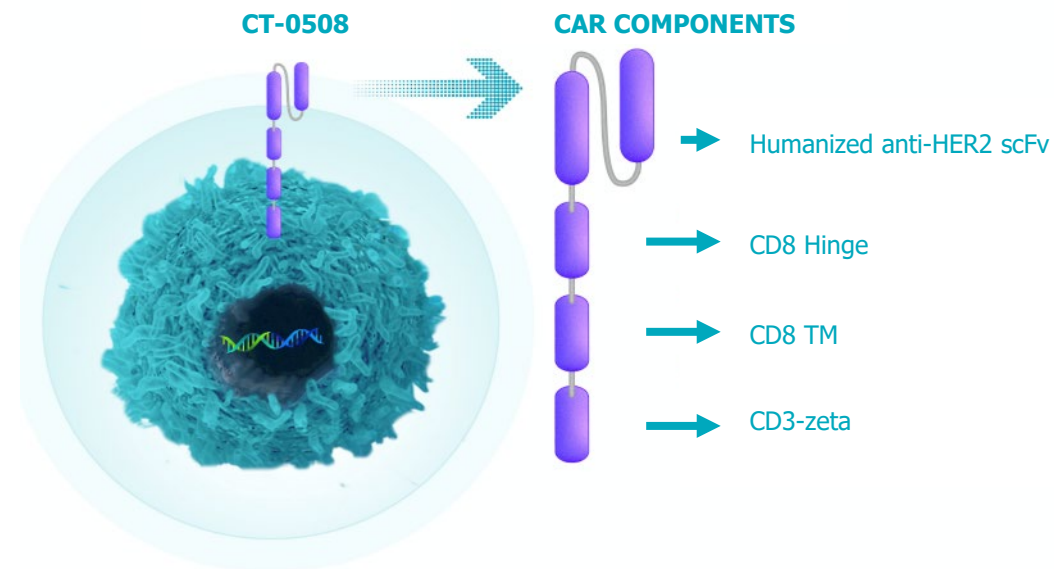
### Key Study Takeaways To Date - Monotherapy

- Generally well-tolerated
- No tolerability differences between fractionated and bolus dosing
- Demonstrated manufacturing feasibility
- Clear MoA and anti-tumor activity observed in HER2 3+ patients
- Low trafficking, low persistence
- Patient population with exhausted T cells



### Upcoming Activities

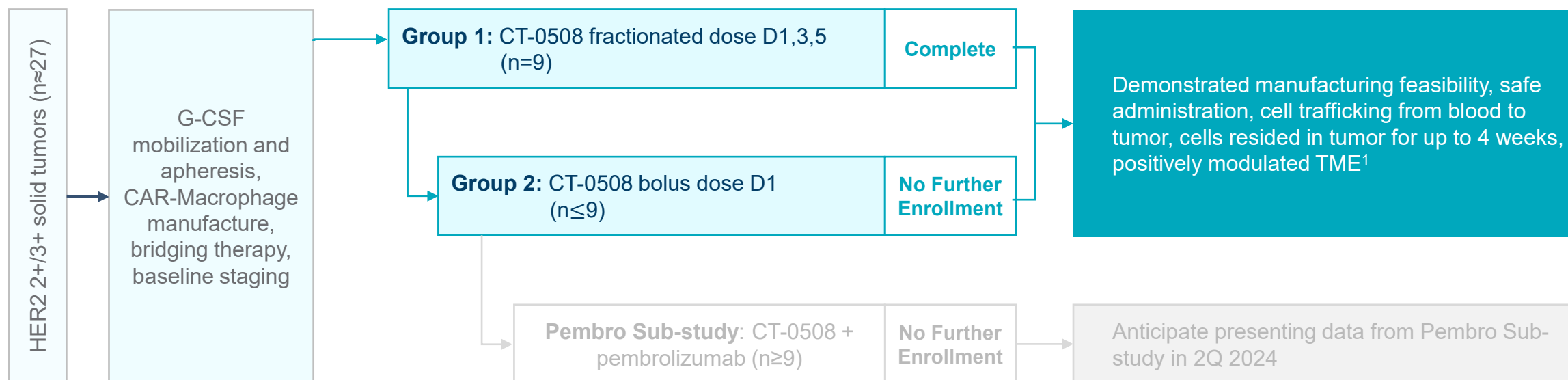
- Complete Study 101 pembrolizumab sub-study Regimen 2
- Study 101 pembrolizumab sub-study data expected 2Q 2024\*



	CT-0508 Product Description
<b>Cells</b>	Autologous monocyte derived macrophages
<b>Vector</b>	Ad5f35
<b>Phenotype</b>	M1
<b>CAR</b>	1 <sup>st</sup> Generation

# CT-0508 Study 101: First in Human Phase 1 Clinical Design

Assessing safety, tolerability, feasibility and TME impact of CT-0508 monotherapy



## PRIMARY OUTCOMES<sup>2</sup>

- Safety and tolerability
- Manufacturing feasibility

## SECONDARY OUTCOMES & ADDITIONAL ANALYSES<sup>2</sup>

- ORR (RECIST 1.1)
- PFS
- Trafficking
- TME activation
- T cell recruitment/activation
- T cell expansion/clonality

Biopsy performed at screening, Day 8, Week 4 and Week 6 or 7 RECIST v1.1

ORR: Objective Response Rate; PFS: Progression-Free Survival

1. Data from Reiss, et al. SITC 2022; and Klichinsky, et al. CAR-TCR 2023. 2. Outcomes are specific to Group 1 and Group 2 study.

# Key Takeaways from CT-0508 Study 101 (Monotherapy)

Well-tolerated and active therapy in safety study sets the stage for further development of anti-HER2 CAR-M

## Safety, Tolerability and Feasibility

- Well-tolerated with no severe CRS, no ICANs, and no on-target off-tumor toxicity
- Successfully manufactured autologous, functional, M1 polarized anti-HER2 CAR-Macrophages
- Median dose of 1.66B cells across 14 patients (9 fractionated dosing, 5 bolus dosing)

## Secondary and Exploratory Analyses

- SD in 28.6% of patients (n=4/14), per RECIST 1.1
- Any individual target lesion reduction in 40.7% of target lesions (n=11/27)
- HER2 3+ patients demonstrated enhanced clinical outcomes, with 44.4% (n=4/9) achieving SD
- Patients with lower CD8 T cell exhaustion / higher T cell fitness achieved SD
- CT-0508 detected in TME of 11/12 patients, but at low numbers (~1-2 per biopsy slide)

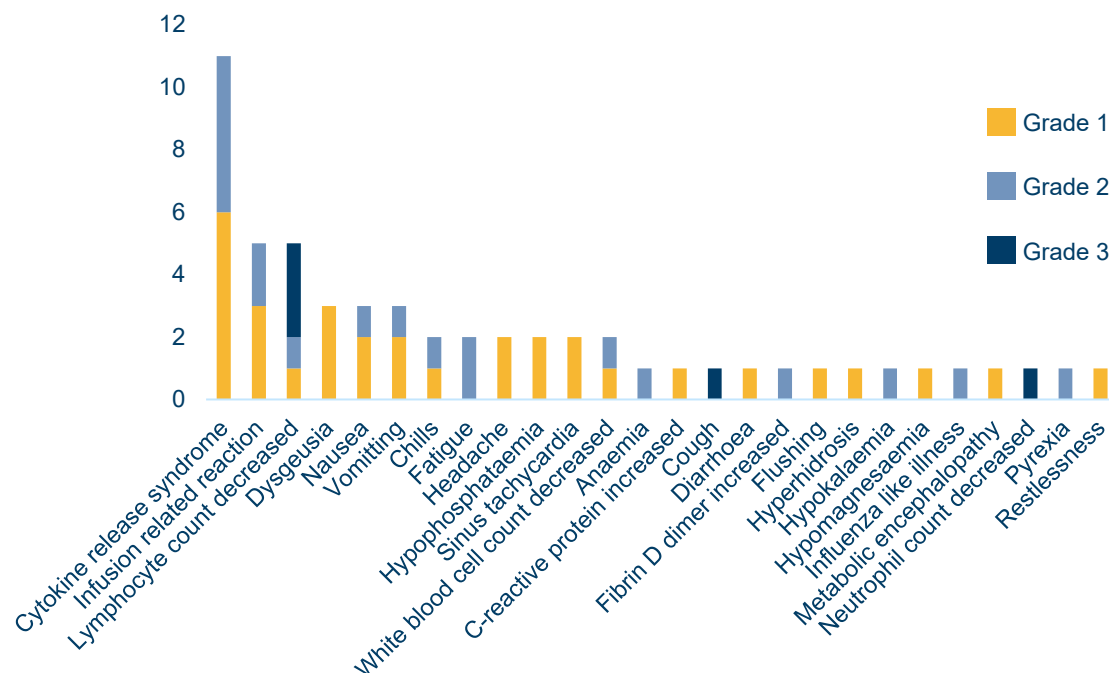
**CT-0508 is a well-tolerated therapy, which has shown clear MoA and biological activity in HER2 3+ patients, despite low trafficking, low persistence and a patient population with exhausted T cells**



# CT-0508 is Well Tolerated with No Dose Limiting Toxicities

Preliminary data supports a safe and tolerable product profile

### Number of Adverse Events



### Adverse Event Data by Patient

	G1: Fractionated	G2: Bolus	Combined
<b>Patients Treated</b>	<b>N=9 (%)</b>	<b>N=5 (%)</b>	<b>N=14 (%)</b>
<b>Cytokine release syndrome (CRS)</b>	<b>6 (67)</b>	<b>3 (60)</b>	<b>9 (64)</b>
<b>Grade 1-2</b>	<b>6 (67)</b>	<b>3 (60)</b>	<b>9 (64)</b>
<b>Grade 3-4</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>Infusion Reaction</b>	<b>2 (22)</b>	<b>1 (20)</b>	<b>3 (21)</b>
<b>Grade 1-2</b>	<b>2 (22)</b>	<b>1 (20)</b>	<b>3 (21)</b>
<b>Grade 3-4</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>ICANS</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>SAEs Related To Treatment<sup>1</sup></b>	<b>2 (22)</b>	<b>3 (60)</b>	<b>5 (36)</b>

Similar safety profile between  
Group 1 and Group 2

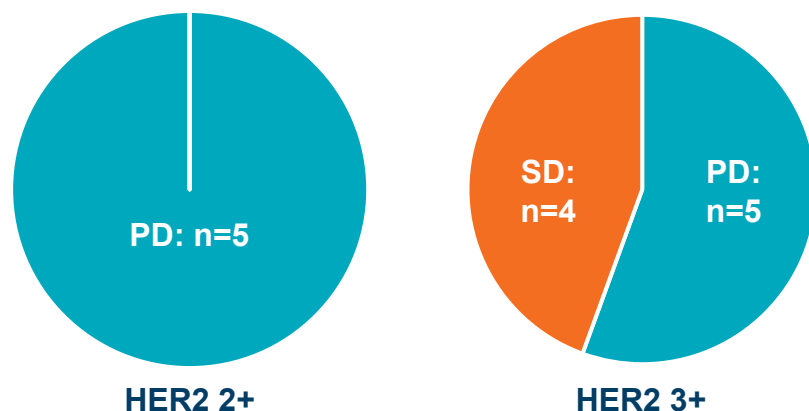
No severe CRS  
or ICANS

Majority of adverse events  
were Grade 1-2

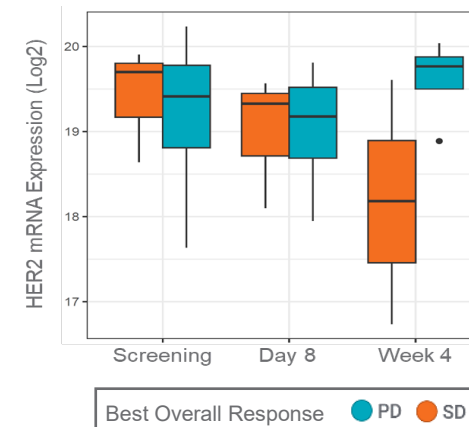
# Biologically Active with Antigen Dependent MOA

Single agent CAR-M demonstrated target lesion shrinkage

Correlation between HER2 status and Best Overall Response



Trend Toward Decrease in HER2+ Tumor Cells in Patients with Stable Disease (SD)

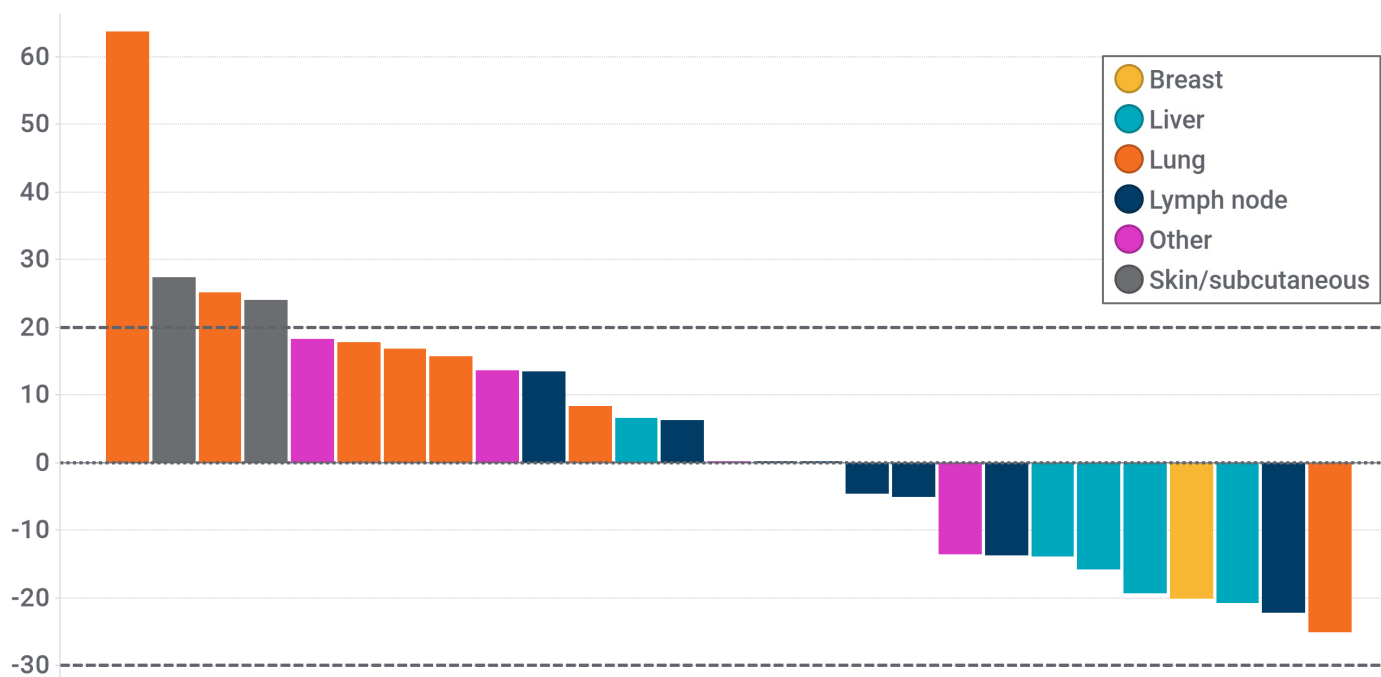


## KEY TAKEAWAYS

- Best Overall Response of Stable Disease in 4 of the 14 evaluated participants (28.6%)\*+
- Largest reduction in target lesion include 20% reduction in breast cancer patient and 14% reduction in salivary gland cancer patient
- Stable Disease was enriched in HER2 3+ subpopulation (n=4/9, 44.4% SD)
- Stable Disease correlated with CT-0508 induced TME remodeling and T cell activation

# 40.7% of all target lesions had reduced in size on at least 1 scan

Best changes in individual target lesions by anatomic site:



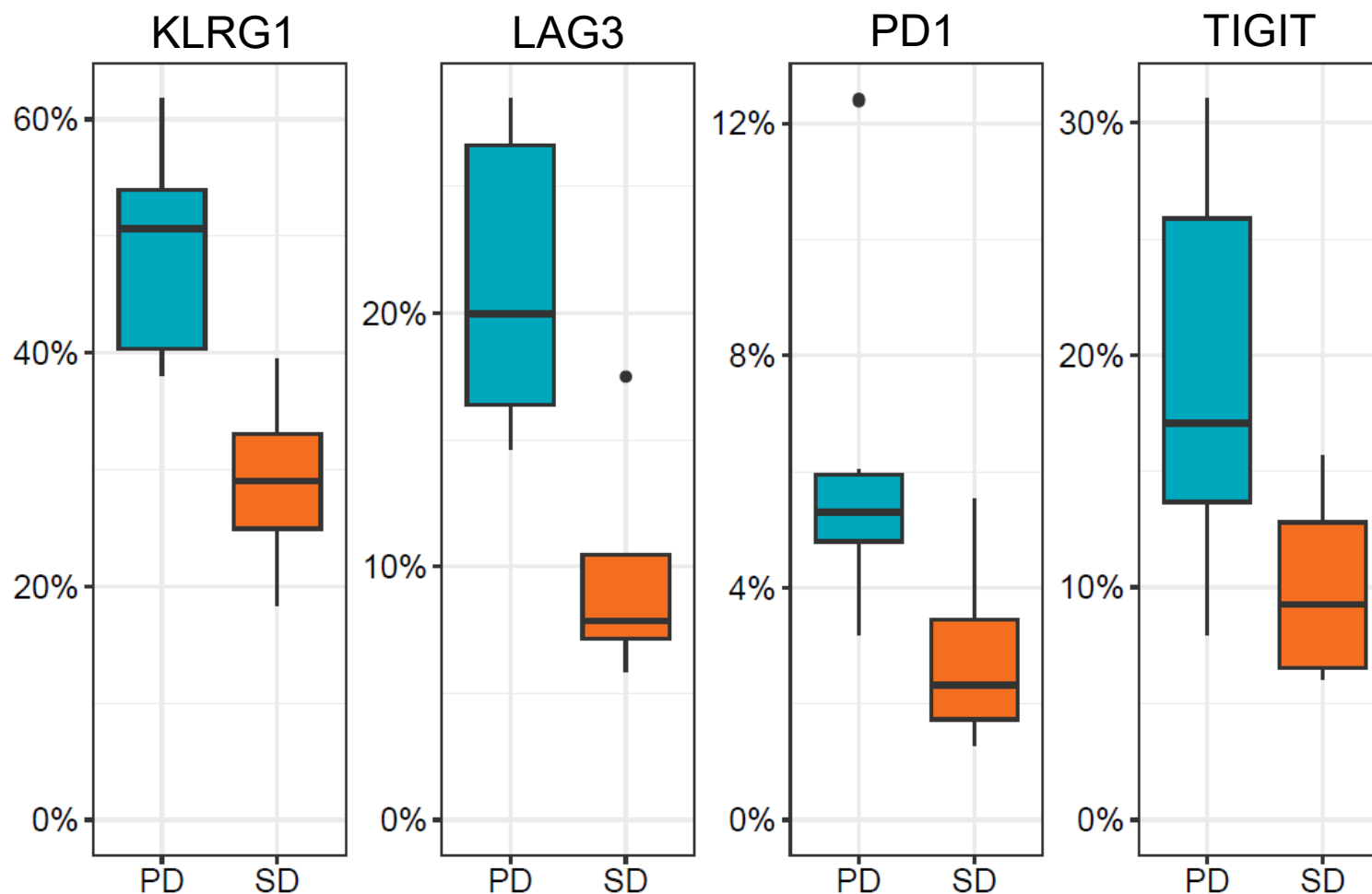
Target lesion reduction by anatomic site:

Anatomic Location	Frequency of tumor lesions that reduced on treatment on at least 1 scan
Breast	1/1 (100%)
Liver	4/5 (80%)
Lung	1/7 (14.3%)
Lymph Node	4/8 (50%)
Other	1/4 (25%)
Skin/Subcutaneous	0/2 (0%)
<b>All Lesions</b>	<b>11/27 (40.7%)</b>

Each column represents a single target tumor lesion, not a patient.

# T cell Exhaustion is a Limiting Factor to CAR-Macrophage Efficacy

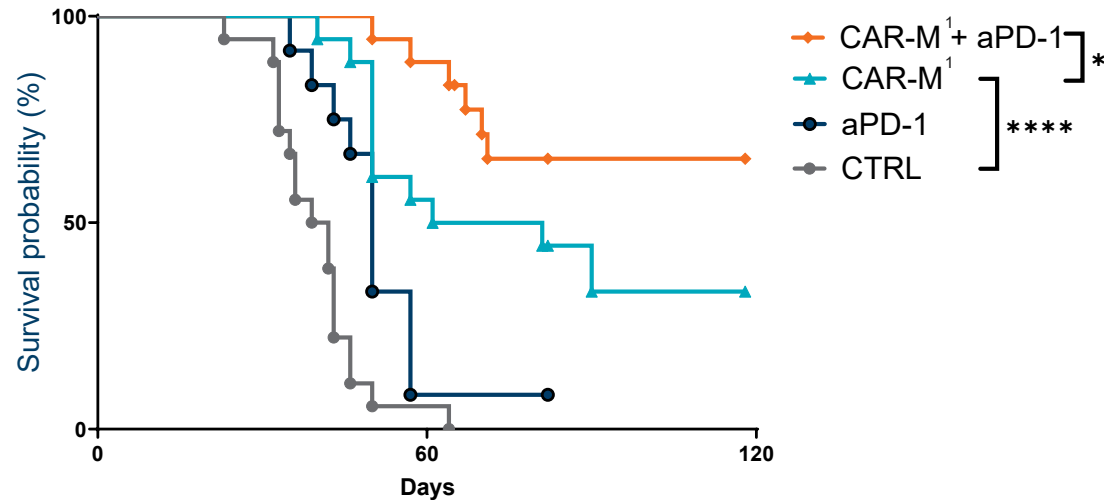
Study 101 patients with lower baseline CD8 T cell exhaustion (in blood) trended toward Stable Disease



# CT-0508 + Anti-PD1: Robust Synergy

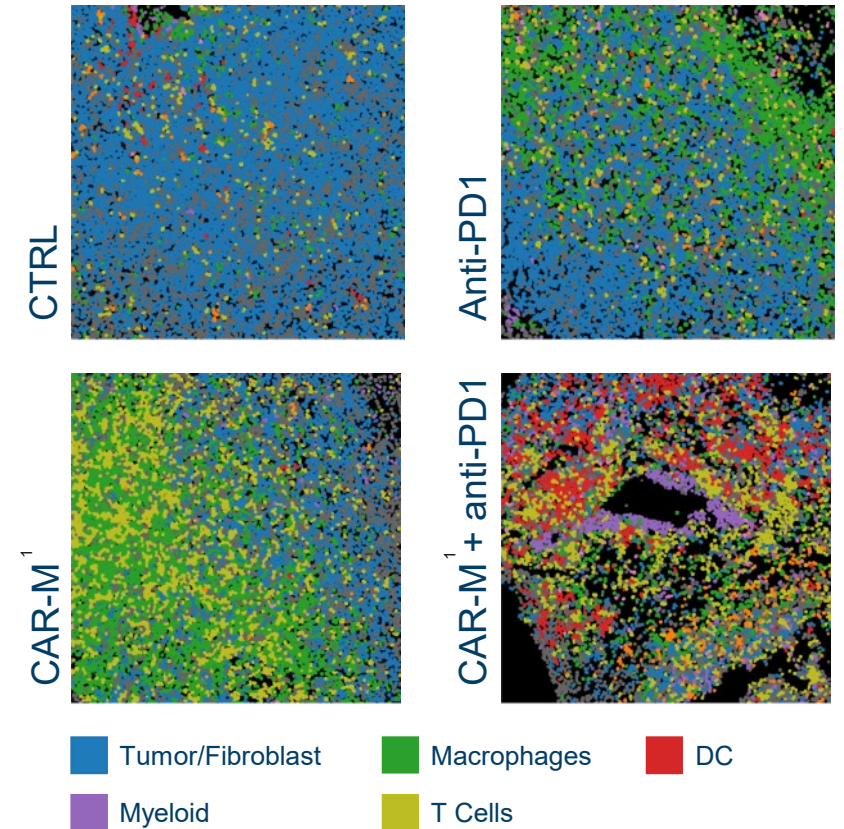
Synergy in a solid tumor model that is resistant to anti-PD1 monotherapy

## Synergistic anti-tumor activity



Syngeneic CT26-HER2 solid tumor model.  
Resistant to anti-PD1 monotherapy.

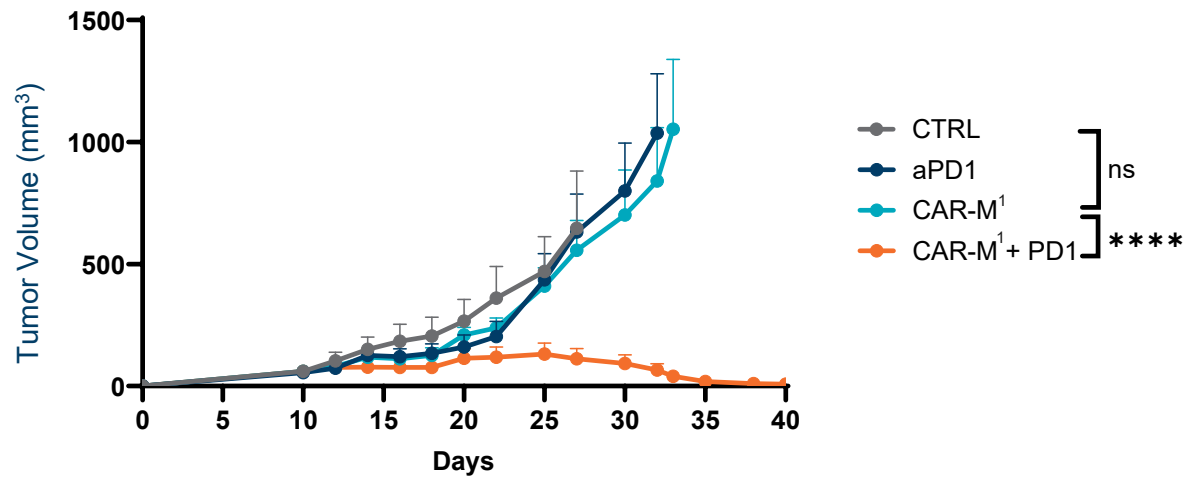
## Synergistic TME modulation with combination



# CT-0508 + Anti-PD1: Robust Synergy

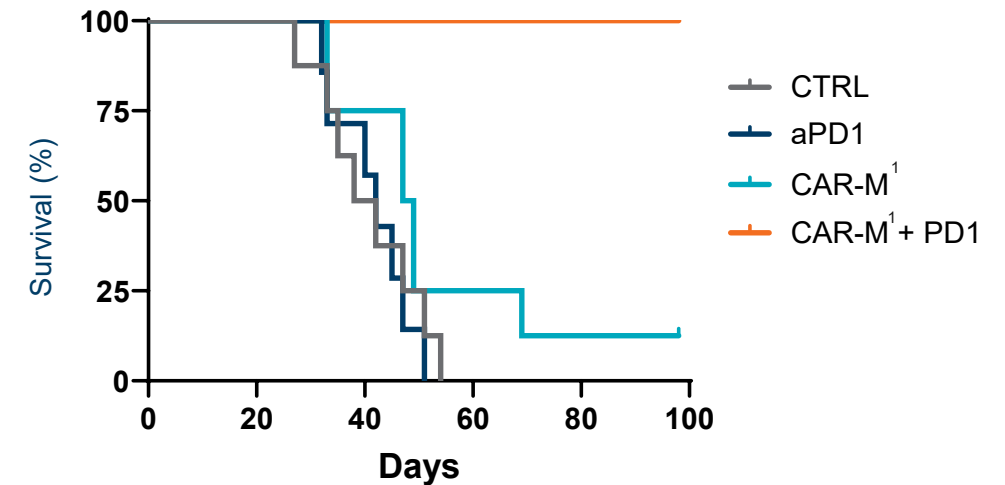
Synergy in a solid tumor model that is resistant to both CAR-Macrophage *and* anti-PD1 monotherapy

I.V. CAR-M<sup>1</sup> + anti-PD1 leads to synergistic tumor control



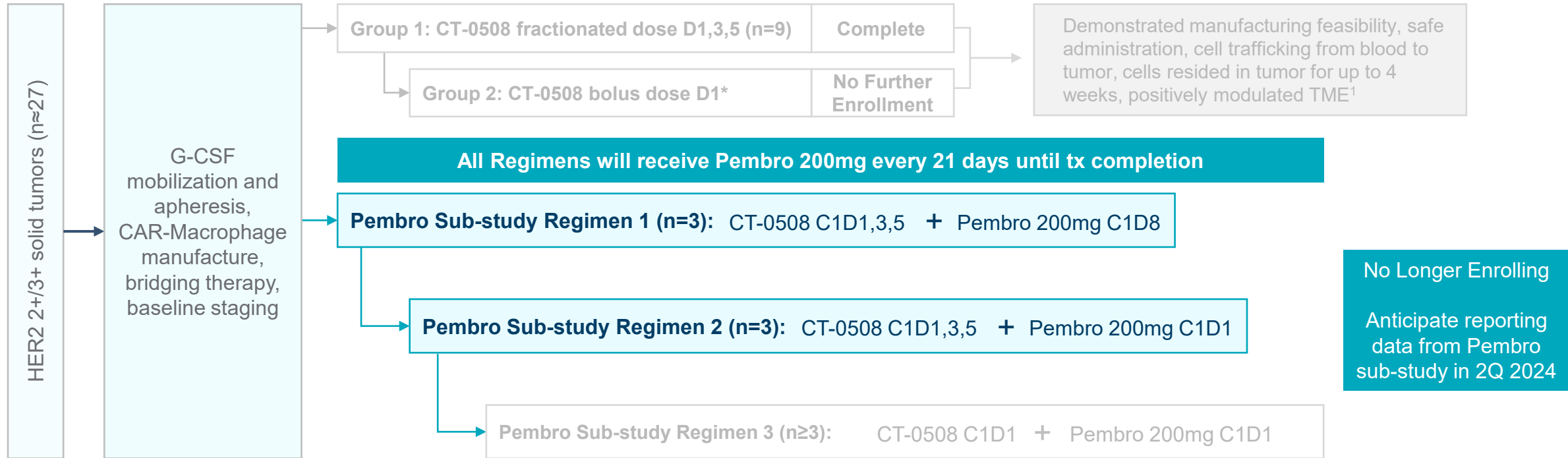
Syngeneic CT26-HER2 solid tumor model.  
Resistant to anti-PD1 monotherapy.

I.V. CAR-M<sup>1</sup> + anti-PD1 leads to 100% survival



# CT-0508 Study 101: CT-0508 + Pembrolizumab Sub-study

Assessing safety, tolerability and TME impact of CT-0508 in combination with anti-PD1 pembrolizumab

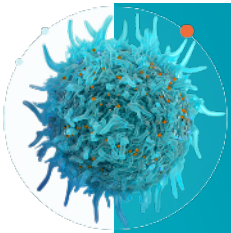


## PRIMARY OUTCOMES<sup>2</sup>

- Safety and tolerability

## SECONDARY OUTCOMES & ADDITIONAL ANALYSES<sup>2</sup>

- ORR (RECIST 1.1)
- PFS
- Trafficking
- TME activation
- T cell recruitment/activation
- T cell expansion/clonality





# Key Takeaways from CT-0508 + Pembrolizumab Regimen Level 1

First regimen promising, meeting safety and feasibility endpoints and demonstrating biologic activity

## + Safety, Tolerability and Feasibility

- Well-tolerated with no severe CRS, no ICANs, and no on-target off-tumor toxicity
- Patients 1 and 2 treated with corticosteroids which limits CT-0508 activity
- Successfully manufactured autologous, functional, M1 polarized anti-HER2 CAR-Macrophages
- Median dose of 2.95B cells

## + Secondary and Exploratory Analyses

- Patient 3 had greatest increase in peripheral blood T cell clonality (~3x) seen to date
- Patient 3 had greatest individual lesion reduction (46%) seen to date
- Patient 3 achieved a BOR of SD\* despite having high baseline T-cell exhaustion
- SD in 50% of patients in sub-study with HER2 3+ disease (n=1/2)

**Regimen Level 1 was well-tolerated.**

**Administration of corticosteroids in 2 of 3 patients limits the interpretation of these results.**

**Patient without corticosteroid administration demonstrated potentially meaningful biologic activity.**

# Pembro Substudy: Well Tolerated, No Dose Limiting Toxicities

Similar safety profile to CT-0508 monotherapy

	CT-0508 Monotherapy Group 1: Fractionated Dosing	CT-0508 Monotherapy Group 2: Bolus Dosing	CT-0508 + Pembrolizumab Regimen 1
<b>Patients Treated</b>	<b>N=9 (%)</b>	<b>N=5 (%)</b>	<b>N=3 (%)<sup>1</sup></b>
<b>Any treatment-emergent AEs (TEAE)</b>	<b>9 (100)</b>	<b>5 (100)</b>	<b>3 (100)</b>
<b>Grade 1-2</b>	<b>4 (44)</b>	<b>2 (40)</b>	<b>1 (33)</b>
<b>Grade 3-4</b>	<b>5 (56)</b>	<b>3 (60)</b>	<b>2 (66)</b>
<b>Any TEAEs related to CT-0508</b>	<b>8 (89)</b>	<b>4 (80%)</b>	<b>3 (100)</b>
<b>Any TEAEs related to pembrolizumab</b>	<b>N/A</b>	<b>N/A</b>	<b>1 (33%)</b>
<b>Any treatment-emergent SAEs (TESAE)</b>	<b>4 (44)</b>	<b>3 (60)</b>	<b>3 (100)</b>
<b>Any TESAEs related to CT-0508<sup>2</sup></b>	<b>2 (22)</b>	<b>2 (40)</b>	<b>3 (100)</b>
<b>Any TESAEs related to pembrolizumab</b>	<b>N/A</b>	<b>N/A</b>	<b>0 (0)</b>
<b>Cytokine release syndrome (CRS)</b>	<b>6 (67)</b>	<b>3 (60)</b>	<b>2 (67)</b>
<b>Grade 1-2</b>	<b>6 (67)</b>	<b>3 (60)</b>	<b>2 (67)</b>
<b>Grade 3-4</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>ICANS</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>

**Similar safety profile between CT-0508 as monotherapy & in combination with pembrolizumab**

**No severe CRS or ICANS**

# Pembro Substudy: Patient 3 Case Study

Patient 3: EAC patient with 6 prior lines of therapy and refractory to Enhertu

**Cancer type:** Stage IV Esophageal adenocarcinoma (EAC), HER2 3+

**Prior history:** 6 Prior lines of therapy; Most recent prior line: achieved BOR\* of PD and discontinued in 2 months on Enhertu

## Pembrolizumab clinical studies in EAC:

- EAC is often refractory to pembrolizumab monotherapy
- Pembrolizumab monotherapy in EAC: ORR 5%, PFS 1.5 months (KEYNOTE 180)
- Pembrolizumab did not show a survival benefit over SOC chemotherapy in PDL1+ EAC (KEYNOTE 181)

Patient 3 - Prior Line	Prior Therapy	Start Time	End Time	Best Overall Response
1	Neoadjuvant carboplatin/paclitaxel	Feb 2019	April 2019	CR
2	Adjuvant Capecitabine, oxaliplatin, trastuzumab	Nov 2020	Nov 2020	Unknown
3	Fluorouracil, folinic acid, oxaliplatin, trastuzumab	Dec 2020	April 2021	PR
4	Fluorouracil, trastuzumab	May 2021	March 2022	SD
5	Paclitaxel, ramucirumab, trastuzumab, tucatinib	May 2022	Jan 2023	SD
6	Enhertu	Feb 2023	April 2023	PD

# Pembro Substudy: Individual Case Study

Patient 3: 46% reduction in 1 of 2 target lesions

## Dosing

- Patient received 3.10E+09 cells
- Patient missed the 2nd cycle of pembrolizumab

## Tumor assessments

- Paratracheal target lesion reduction of 46% by week 13; 21.9mm to 11.8mm
- Mediastinal mass target lesion grew 31% by week 13; 26.9 to 35.3mm

## Clinical assessments

- Achieved a BOR of SD per RECIST 1.1
- PD per RECIST at week 13 due to new CNS metastasis
- PFS of 3.25 months (13.3 weeks)

## Paratracheal LN Target Lesion: 46% reduction by week 13

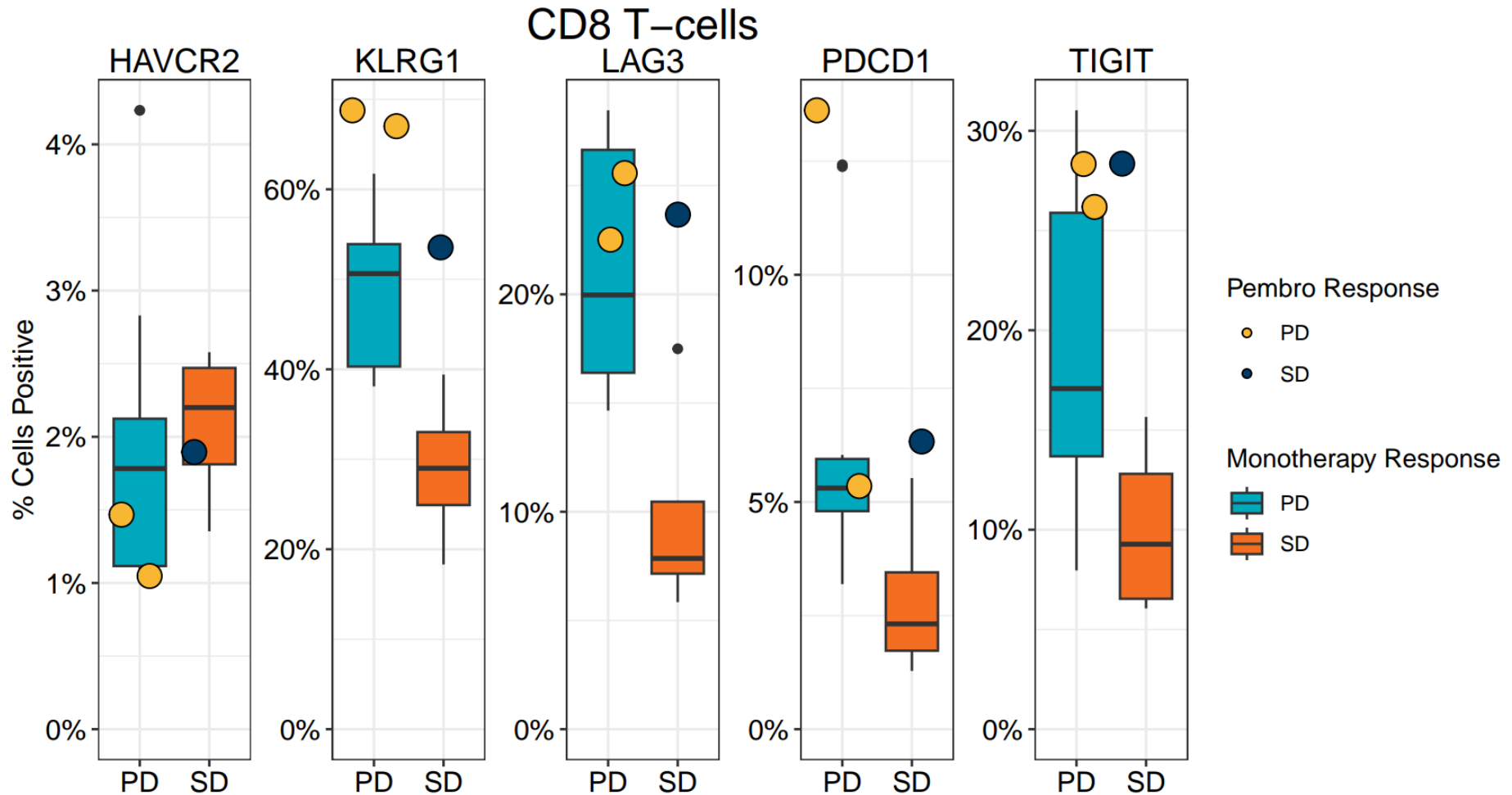


Outcome Comparators	PFS
Patient 3 – Regimen 1 CT-0508 / Pembro	3.25 months
Patient 3 – 6 <sup>th</sup> Line of Therapy on Enhertu	2.0 months
Pembrolizumab monotherapy in KEYNOTE 180*	1.5 months

**Patient 3's paratracheal target lesion reduction of 46% was the largest reduction of tumor in any patient treated with CT-0508**

# CT-0508/Pembro Sub-study: Individual Case Study

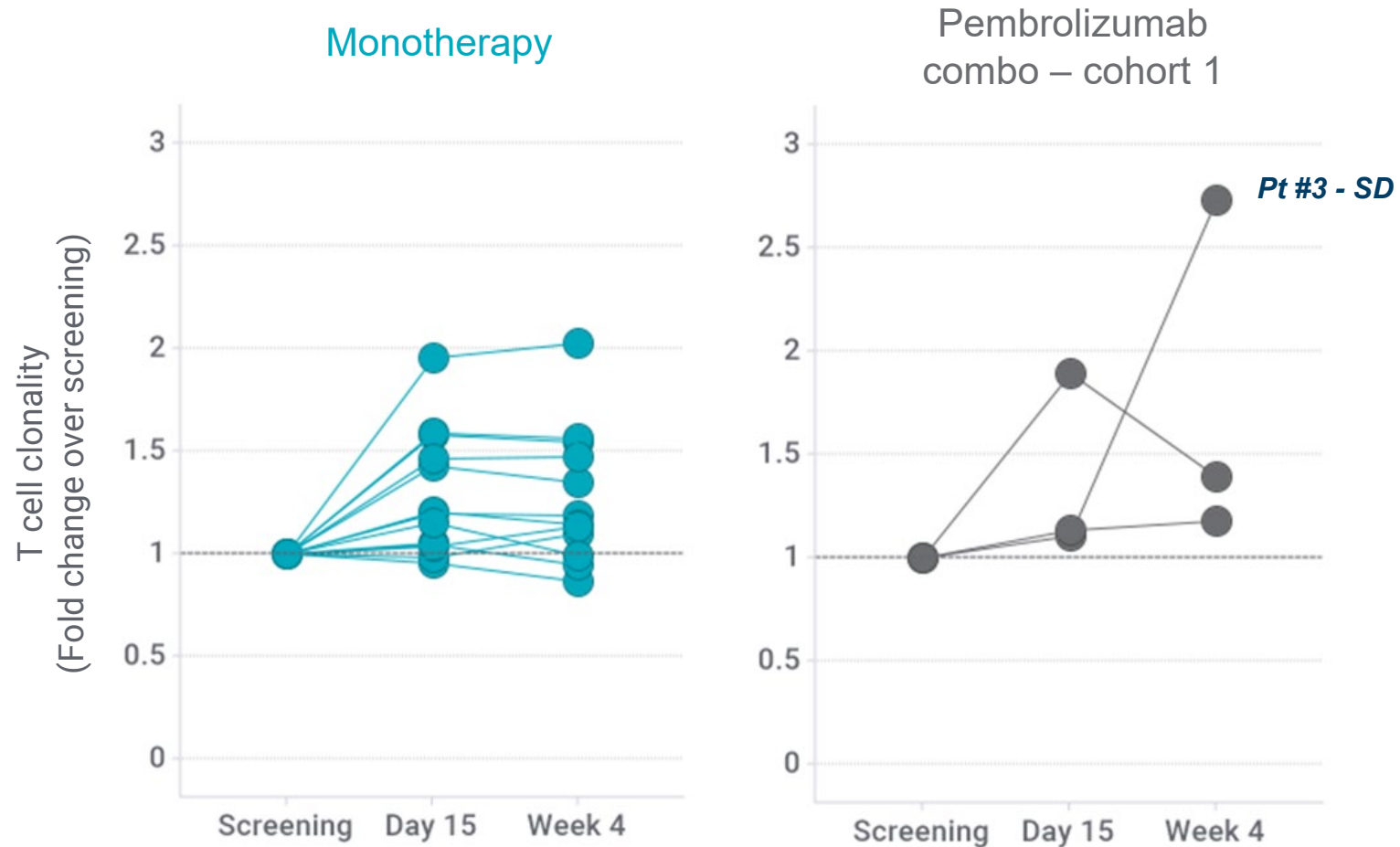
Patient 3: High baseline peripheral CD8 T cell exhaustion and achieved BOR of SD



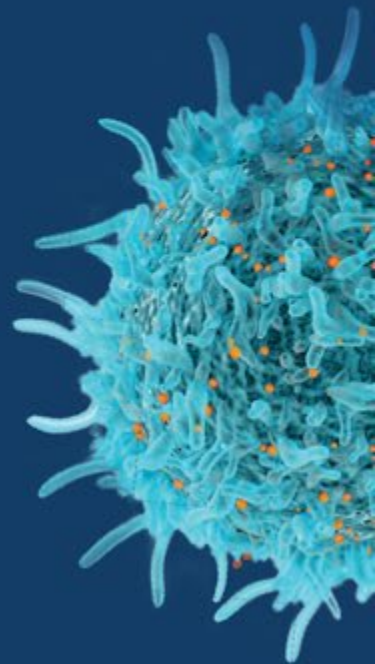
# CT-0508/Pembro Sub-study: Individual Case Study

Patient 3: Greatest increase in peripheral blood T cell clonality seen to-date across all 17 patients treated with CT-0508

## Increased T cell clonality in the peripheral blood



# *In Vivo* Oncology





# In Vivo CAR-M

Collaboration with Moderna to discover, develop and commercialize *in vivo* CAR-M in oncology

## Highlights



### Collaboration Overview

- Combines Carisma's engineered macrophage technology with Moderna's mRNA and LNP technologies
- First *in vivo* CAR-M lead candidate nominated



### Key Advantages of *in vivo* CAR-M

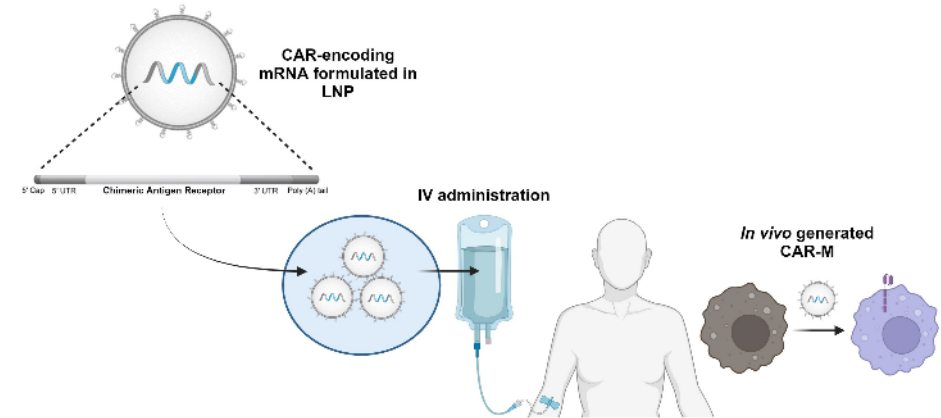
- Robust platform with applications in diverse indications
- Off-the-shelf product with ability to re-dose
- Maintains functionality of *ex vivo* CAR-M



### Key Takeaways from Pre-clinical Data

- mRNA/LNP CAR-M are highly functional
- *In vivo* CAR-M controls tumors upon regional or systemic administration and clears metastasis
- *In vivo* CAR-M well tolerated in pre-clinical models

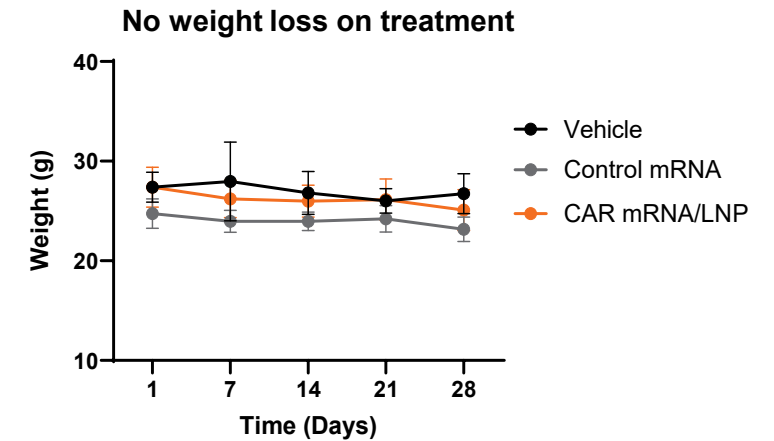
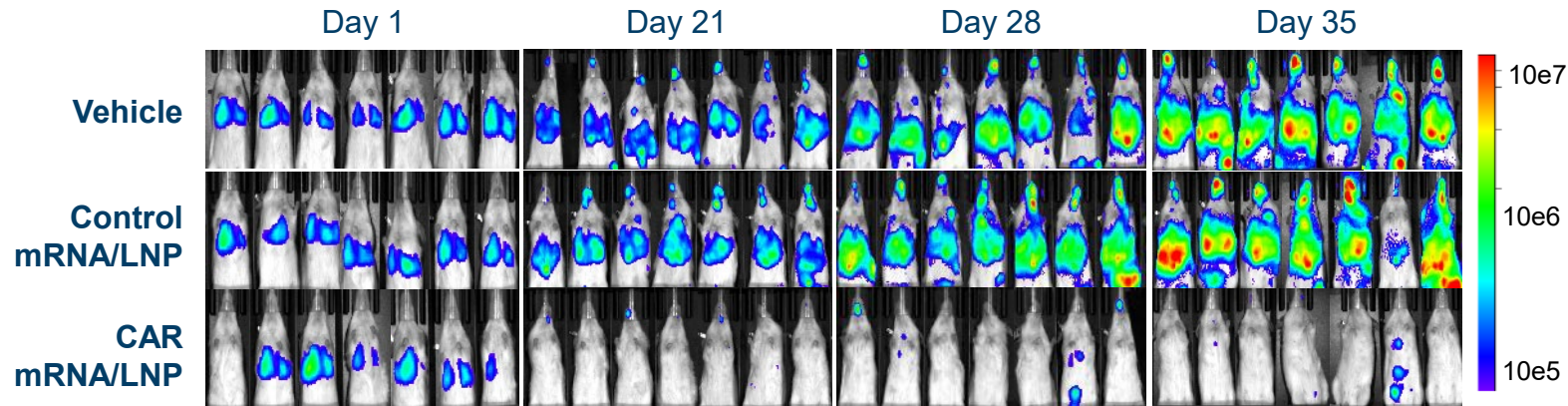
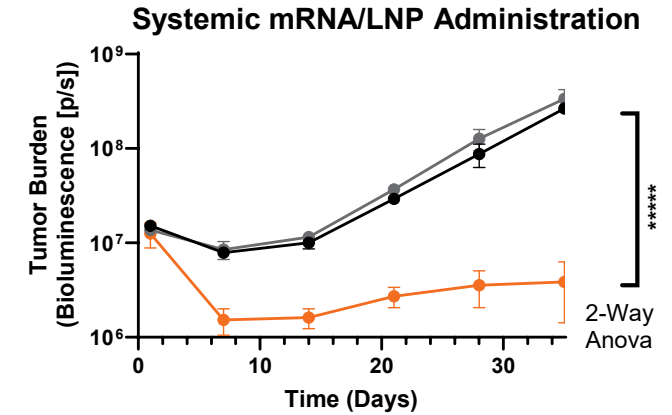
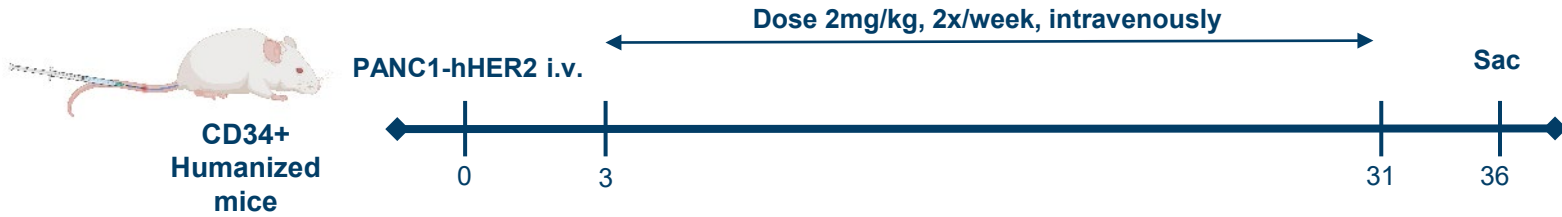
## Redirecting endogenous myeloid cells with mRNA for cancer immunotherapy



 <b>Collaboration Terms</b> 	
<b>Number of Targets</b>	Up to 12 (5 Identified)
<b>Upfront Payment</b>	\$80M
<b>Total Potential Milestones and Royalties</b>	\$3B+
<b>R&amp;D Funding</b>	Fully funded by Moderna

# In Vivo CAR-M Controls Metastatic Pancreatic Cancer

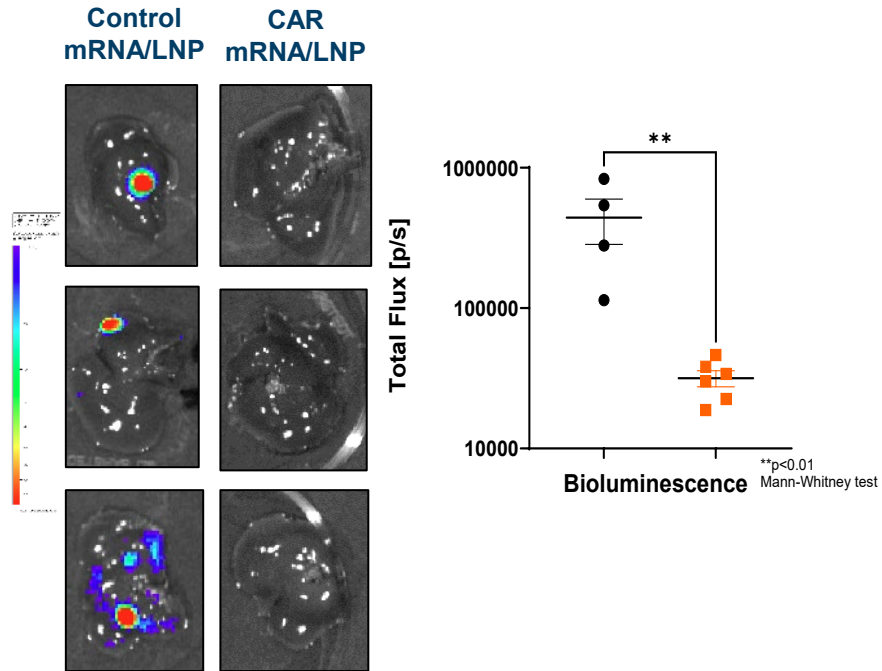
Systemic LNP administration in humanized mouse model of pancreatic cancer



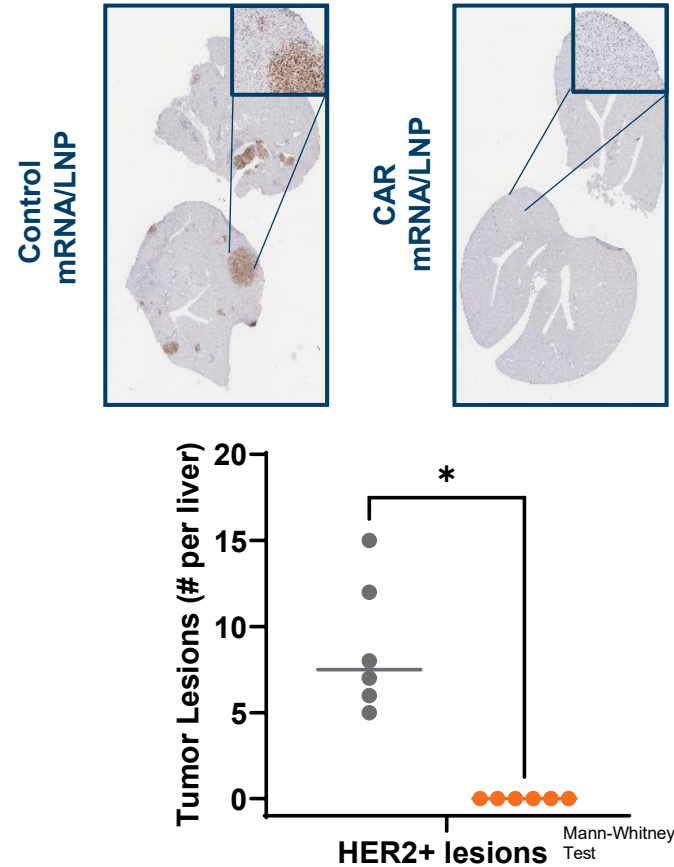
# In Vivo CAR-M Suppresses Liver and Lung Metastasis

Systemic LNP administration in humanized model leads to robust disease control

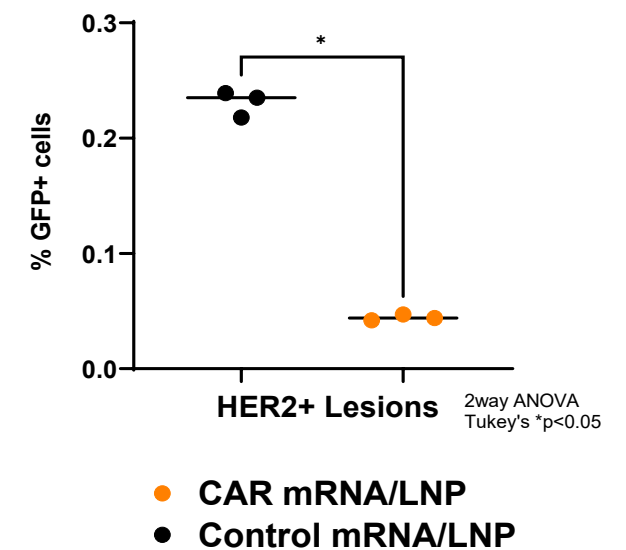
## Tumor Lesions in Liver (BLI)



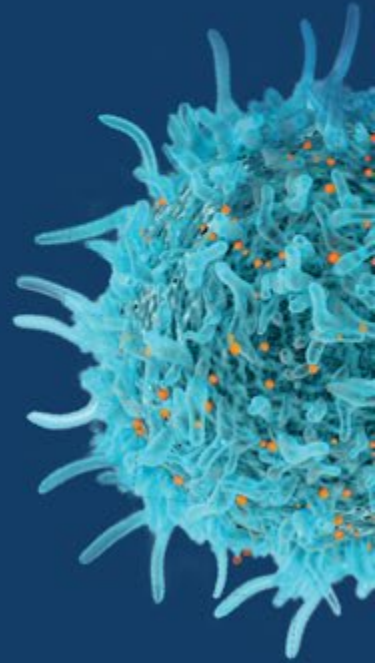
## Tumor Lesions/Liver (IHC)



## Tumor Lesions in Lung (IHC)



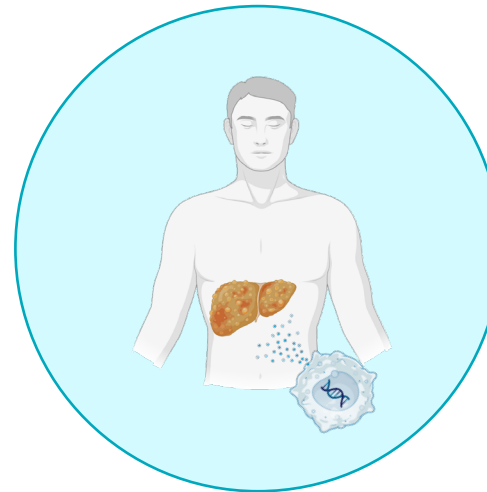
# Developing macrophage cell therapies beyond oncology: Fibrosis



# Engineered Macrophages For Liver Fibrosis

## Significant Unmet Need

- Chronic liver disease and cirrhosis account for over 1M deaths per year globally<sup>1</sup>
- Risk of liver-related mortality substantially increases in Stage 3/4 MASH with significant fibrosis
- No approved curative or fibrosis modifying therapies
- GLP-1 agonist have had no impact on Fibrosis



## Potential of Macrophages In the Liver

- Macrophages are critical regulators of **inflammation, fibrosis deposition, and fibrosis resolution**<sup>2</sup>
- Non-engineered macrophage cell therapy has **demonstrated** efficacy in mouse models and **safety**<sup>4</sup>/**activity**<sup>5</sup> in clinical trials<sup>3</sup>
- Genetically engineered macrophages have the potential to engraft in the liver and provide a source for disease modifying therapeutic factors

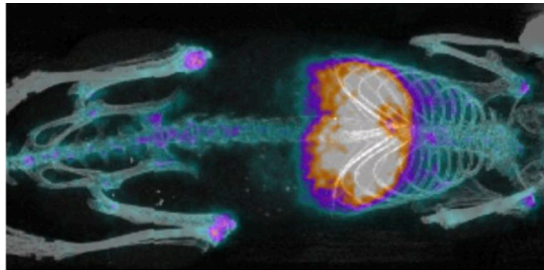
**Preclinical POC data on engineered macrophages in liver fibrosis expected in 2Q 2024**

# Engineered Macrophages For Liver Fibrosis

A Novel Strategy For A Significant Unmet Medical Need

## Macrophages engraft in the liver

Robust engraftment of engineered macrophages intravenously injected in the liver



*PET imaging of mice intravenously injected with Zn<sup>89</sup> labeled human macrophages<sup>1</sup>*

Engineered macrophages can persist for months in the liver, serving as durable “hepatic micropharmacies” secreting therapeutic payloads<sup>2</sup>

Engineered macrophages expressing disease modifying factors may reverse liver fibrosis<sup>1</sup>



**Reduce inflammation**



**Reverse established fibrosis**

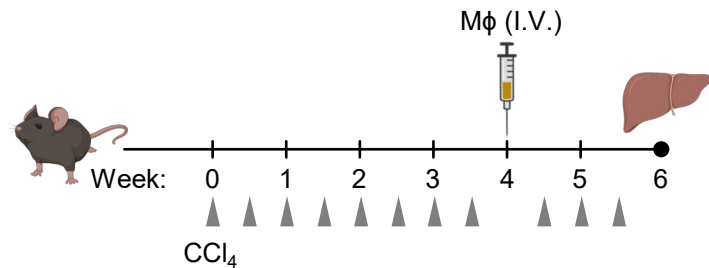


**Promote tissue regeneration**



# A Single Dose of Engineered Macrophages Fully Reversed Liver Fibrosis<sup>1</sup>

## CCl<sub>4</sub> model of established fibrosis



**Engineered Mφ significantly reduced hepatic collagen**

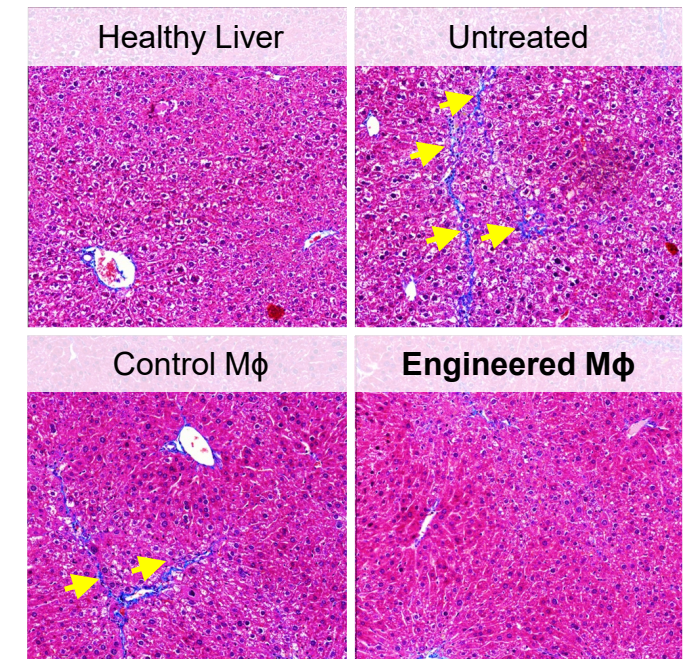
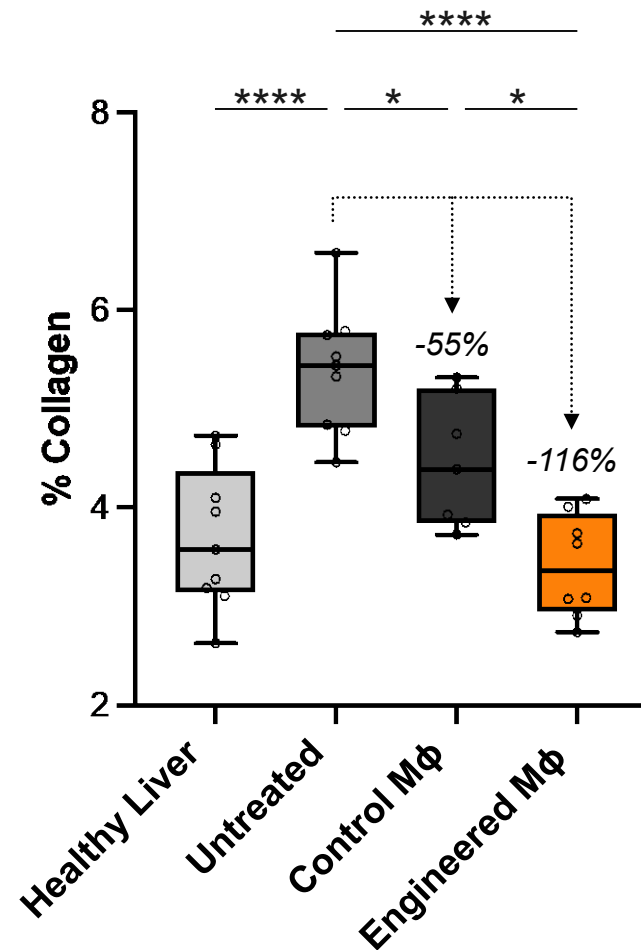
### Control Mφ:

- 55% reduction in collagen

### Engineered Mφ:

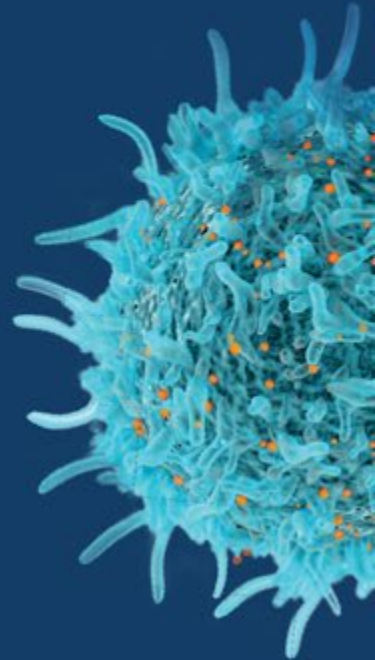
- >100% reduction in collagen<sup>2</sup>
- 8/8 mice return to healthy range

## Engineered macrophages fully reverse fibrosis



Masson's Trichrome Staining  
Fibrosis shown in blue

# Corporate & Financial

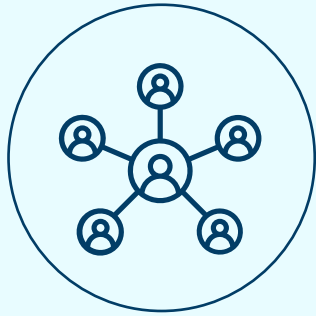






# Financial Snapshot

As of December 31, 2023



**40.6M**

Shares outstanding



**\$77.6M**

Cash and cash equivalents



**Into 3Q 2025**

Expected cash runway\*

# Operating Plan and Corporate Milestones

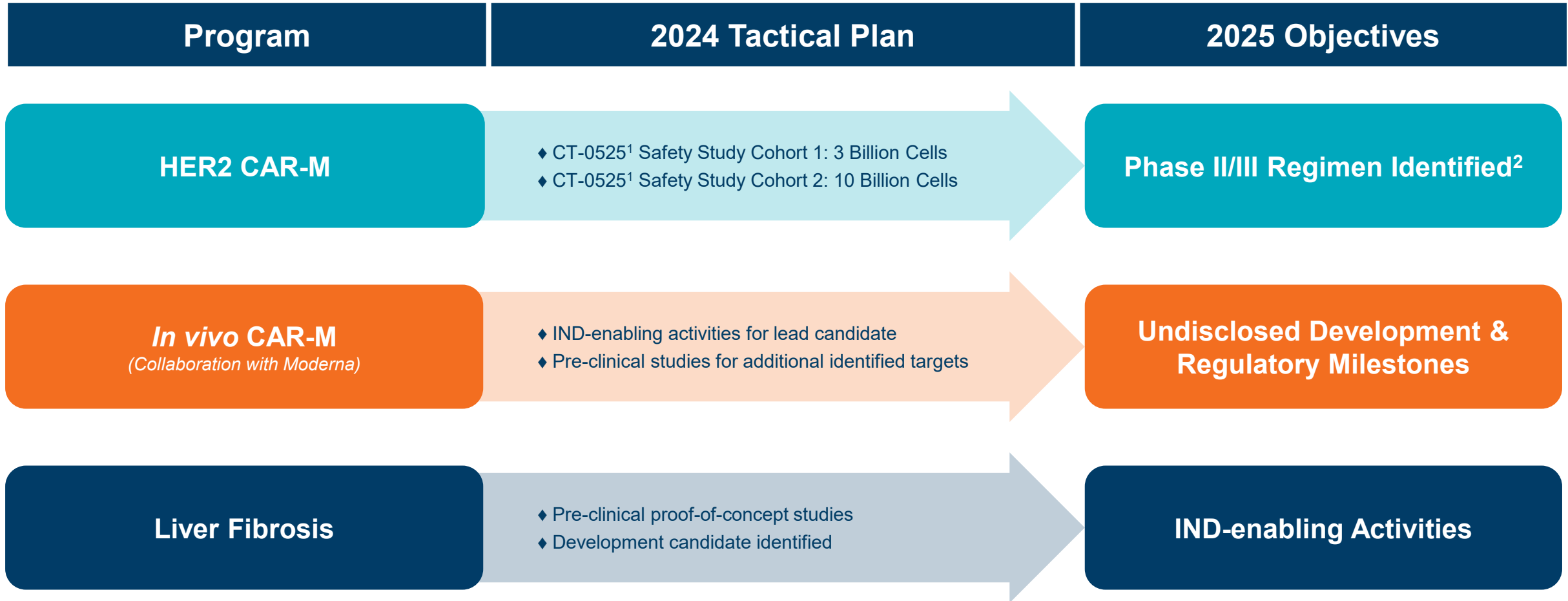
Capital efficient R&D program designed to reach significant value inflection points

THERAPEUTIC AREA	PRODUCT CANDIDATE	PLATFORM	RECENT AND ANTICIPATED MILESTONES
<b>Ex Vivo Oncology</b>			
HER2+ solid tumors	CT-0525	CAR-Monocyte (1st Gen CAR)	4Q'23 IND cleared <input checked="" type="checkbox"/>
			2Q'24 Treat first patient <input type="checkbox"/>
	4Q'24 Report data from Phase 1 study <input type="checkbox"/>		
	CT-0508*	CAR-Macrophage (1st Gen CAR)	2Q'24 Report data from Phase 1 combination sub-study <input type="checkbox"/>
<b>In Vivo Oncology</b>			
Oncology	Solid Tumor Antigen <sup>1</sup>	CAR-Macrophage + mRNA/LNP	4Q'23 Nominate first <i>in vivo</i> CAR-M lead candidate <input checked="" type="checkbox"/>
			TBD Development candidate selection <input type="checkbox"/>
	4 Additional Targets <sup>2</sup>	CAR-Macrophage + mRNA/LNP	4Q'23 Report proof of concept data for <i>in vivo</i> CAR-M (SITC 2023) <input checked="" type="checkbox"/>
<b>Fibrosis and Immunology</b>			
Liver Fibrosis	TBD	Engineered macrophage	2Q'24 Report pre-clinical POC data <input type="checkbox"/>



# Drive to 2025

Leverage world-leading macrophage engineering platform to deliver three product opportunities



THANK YOU



carisma  
THERAPEUTICS