# Unleashing the Potential of Immuno-Oncology Therapies

**November 7, 2024** 



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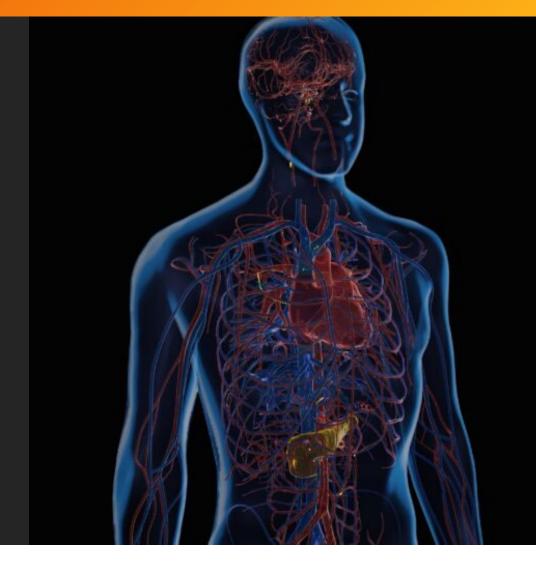
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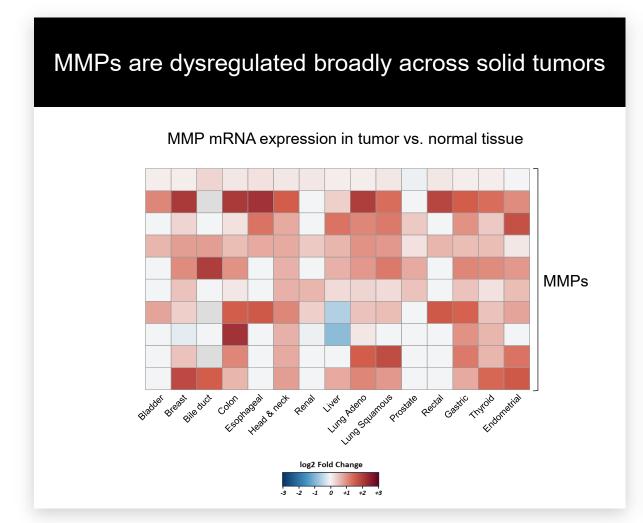


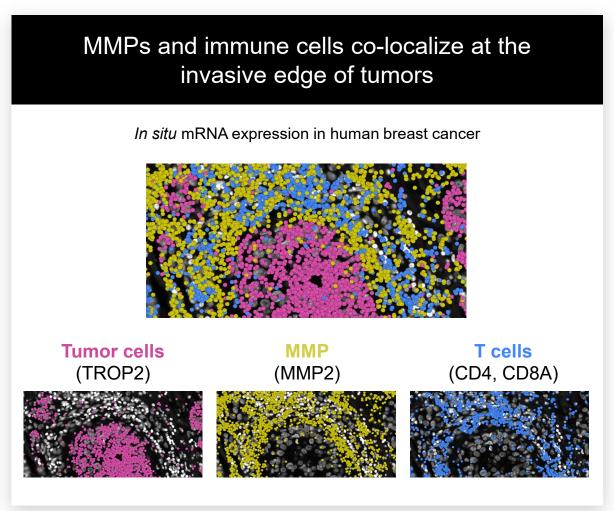
# Immuno-Oncology Therapy is the Key to Curative Potential, But Continues to Be Limited by Systemic Toxicity

Xilio believes the next revolution in I-O therapy will harness the power of the body's immune system by leveraging the dysregulated biology of the tumor against itself



# Xilio Exploits Dysregulated MMP Activity, a Hallmark of Invasive Cancer Common Across a Wide Range of Solid Tumors, to Activate Molecules in the Tumor

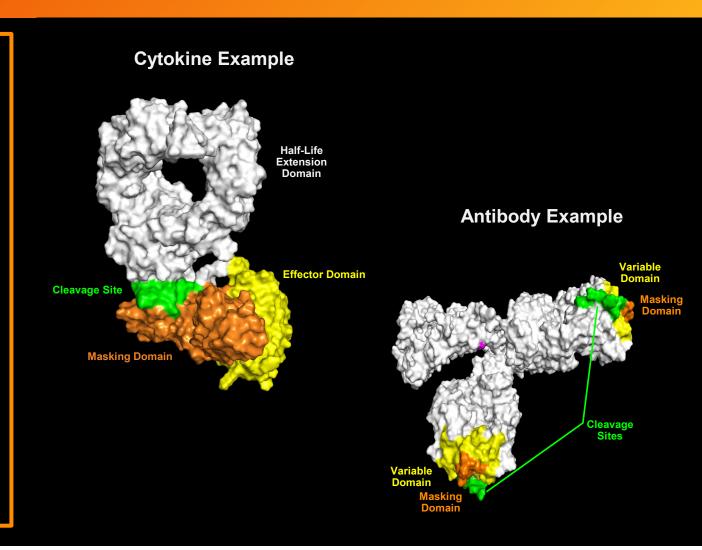






## Xilio's Tumor-Activated Approach Has Been Successfully Applied in the Clinic Across Diverse Molecular Architectures

- Initial clinical validation, with >200 patients enrolled to date across clinical programs
- Molecules designed for tumor-selectivity with a masking domain to block interaction with healthy tissue and cells
- Dysregulated MMPs in the TME activate molecules via the protease cleavage site across a wide range of solid tumors (without the need for biomarkers)
- Bank of >1,000 human solid tumor samples informed design and test molecule activation





## Advancing Pipeline of Clinical and Preclinical Tumor-Activated Molecules

Program	Tumor Types	Mechanism of Action	Discovery	IND-Enabling	Phase 1	Phase 2	Phase 3	Partnerships
Vilastobart (XTX101) in combination with atezolizumab <sup>(1)</sup>	Metastatic MSS CRC	anti-CTLA-4 + PD-L1						Clinical collaboration with Roche (with co-funding)
XTX301 <sup>(2)</sup>	Advanced Solid Tumors	IL-12						Exclusive global license with Gilead
XTX501 <sup>(3)</sup>	Advanced Solid Tumors	PD-1/IL2 bispecific						
Additional research-stage programs	Undisclosed	Tumor-activated cell engagers						



Evaluating vilastobart (XTX101) in combination with atezolizumab (Tecentriq®) in patients with metastatic MSS CRC.
 Evaluating XTX301 in Phase 1 monotherapy dose escalation and dose expansion for the treatment of advanced solid tumors.

## Positioned for Multiple Anticipated Key Clinical Milestones in Q4 2024



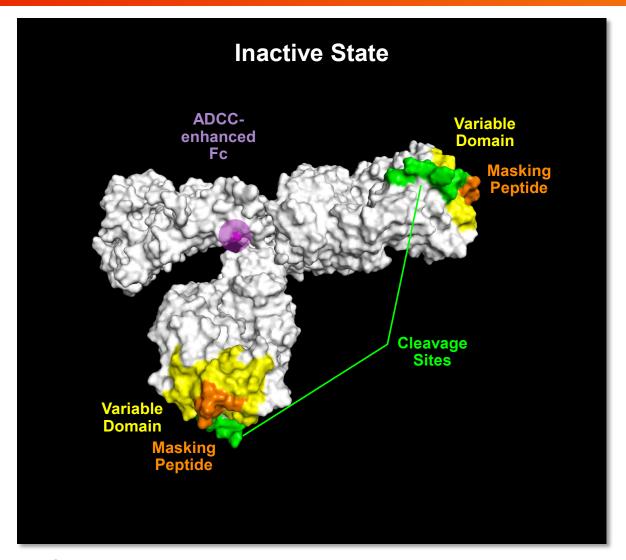


# Vilastobart (XTX101)

**Tumor-Activated, Fc-enhanced Anti-CTLA-4** 



## Vilastobart: Tumor-Activated, High Affinity Binding, Fc-Enhanced Anti-CTLA-4



# Vilastobart Incorporates Multiple Differentiating Design Features for a Potential Best-in-Class Profile

- High affinity binding, 10x potency of ipilimumab in preclinical studies\*
- Fc mutations for enhanced effector function (ADCC), improved T cell priming and Treg depletion
- On-treatment biopsies in Phase 1 monotherapy demonstrated >70% activated molecule in tumor with <15% activated molecule in periphery</li>
- Generally well-tolerated in Phase 1 monotherapy, consistent with tumor-activated design
- Confirmed PR observed with monotherapy in Phase 1 in a PD-L1 negative NSCLC patient, including resolution of innumerable liver metastases



## Vilastobart (anti-CTLA-4) Advancing in Phase 2 Proof-of-Concept Trial for MSS CRC in Co-Funded Clinical Collaboration with Roche

## Phase 2 Combination Proof-of-Concept Trial

Metastatic MSS CRC patients with and without liver metastases

vilastobart at 100 mg Q6W + atezolizumab at 1200 mg Q3W

Anticipated Near-Term
Phase 2 Data Milestones

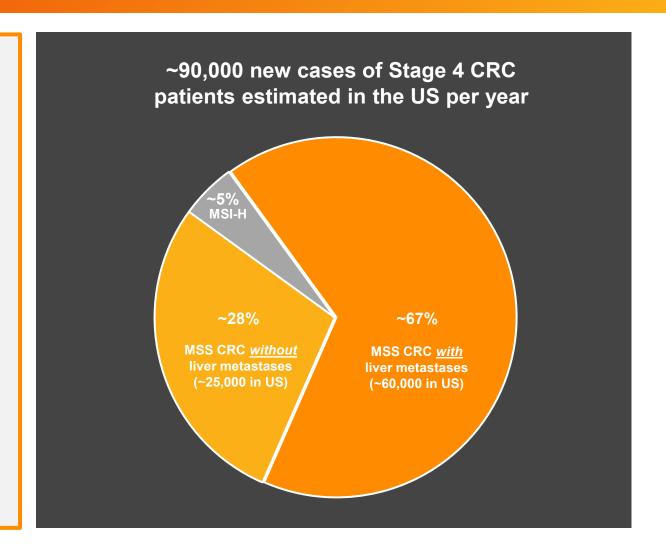
- ☐ Initial data (n = ~20 total) in MSS CRC in Q4 2024
- ☐ Additional data (n = ~40 total) in MSS CRC in Q1 2025

Currently Enrolling



# CRC Incidence is Increasing, Particularly In Young Adults: Majority of Patients with Stage 4 MSS CRC Have Liver Metastases

- CRC is 2<sup>nd</sup> in cancer-related deaths in the US and leading cause of cancer-related death in men younger than 50 in the US (1)
- CRC is 3<sup>rd</sup> in total annual new cases globally, with ~1.9M new cases and ~900,000 deaths related to CRC globally <sup>(2)</sup>
- >65% of Stage 4 CRC patients present with liver metastases, which are associated with poor outcomes <sup>(3)</sup>





## I-O Therapies Have Shown Little to No Efficacy in MSS CRC to Date

- Majority of patients diagnosed with metastatic disease are not eligible for surgery and primary treatment includes chemotherapy and/or radiation (1)
- Treatment for advanced MSS CRC typically includes chemotherapy +/- TKI, (1) followed by clinical trials or lateline therapies with minimal benefit (OS: ~6-9 months) (2)
- Immune checkpoint inhibitors (pembrolizumab/ nivolumab) approved in MSI-H CRC have no meaningful efficacy in patients with MSS CRC (0-3% ORR) (3)





1. Eng. Lancet. 2024;404:294.

2. Grothey. Lancet. 2013;381:303; Mayer. N Engl J Med. 2015;372:1909; Li. JAMA. 2018;319:2486; Dasari. Lancet. 2023;402:41; Kawazoe. J Clin Oncol. 2024;42:2918.

3. Sahin. Am Soc Clin Oncol Educ Book. 2022:42:1

# Vilastobart (anti-CTLA-4)

Phase 1C Combination Dose Escalation Data Vilastobart + Atezolizumab



## Vilastobart (anti-CTLA-4) Advancing in Phase 2 Proof-of-Concept Trial for MSS CRC in Co-Funded Clinical Collaboration with Roche

Phase 1C Combination Dose Escalation

Advanced solid tumors

vilastobart at 75, 100 and 150 mg Q6W + atezolizumab at 1200 mg Q3W

Currently enrolling

Phase 2 Combination Proof-of-Concept

Metastatic MSS CRC patients with and without liver metastases

vilastobart at 100 mg Q6W + atezolizumab at 1200 mg Q3W

Currently enrolling



## Phase 1C Combination Dose Escalation for Vilastobart (anti-CTLA-4) and Atezolizumab Enrolled Heavily Pre-Treated Patients with Cold Tumors

Vilastobart Phase 1 Trial Design

Phase 1A **Monotherapy Dose-Escalation** Advanced Solid Tumors

Phase 1B **Monotherapy Expansion** 

**Phase 1C Combination Dose Escalation** (vilastobart + atezolizumab)

**Advanced Solid Tumors** (n=17)

Enrollment ongoing at vilastobart 150 mg Q6W dose level

Patient Characteristics	Total (n=17)			
Demographics				
Age, median (range)	69 (39, 77)			
Female	6 (35%)			
ECOG PS 0	7 (41%)			
ECOG PS 1	10 (59%)			
Prior Lines of Anti- Cancer Treatment	Median 3 (1-12)			
1	2 (12%)			
2	1 (6%)			
3	6 (35%)			
4	1 (6%)			
5	3 (18%)			
6 and more	4 (24%)			
Progressed on Prior Treatment with I-O				

Tumor Types	Total (n=17)
Colorectal cancer (MSS)	12
Colorectal cancer (MSI-H)	1
Ampullary carcinoma	1
NSCLC	1
Esophageal cancer	1
Abdomen	1

Treatment Status	Total (n=17)		
Continuing on Treatment	7		
Discontinued Treatment	10		
Progressive Disease	1		
Adverse Events	2		
Consent Withdrawal	4		
Death	0		
Investigator Decision	3		

83% of patients had ≥3 prior lines of treatment

4 (24%) ≥1

## Combination of Vilastobart (anti-CTLA-4) and Atezolizumab Was Generally Well-Tolerated with Minimal irAEs

AE Category / Term  All TRAEs with ≥10% incidence in any category or any Grade 3 TRAE	All Phase 1C Patients (n=17) vilastobart (75, 100 or 150 mg Q6W) + atezolizumab (1200 mg Q3W)		
	Any	Grade 3	
ALT increased	3 (18%)	2 (12%)	
Blood ALP increased	2 (12%)	1 (6%)	
Diarrhea	2 (12%)	1 (6%)	
Colitis	1 (6%)	1 (6%)	
Infusion related reaction (1)	10 (59%)	0	
AST increased	3 (18%)	0	
Lipase increased	3 (18%)	0	
Fatigue	2 (12%)	0	
Dose reduction due to TRAE	1		
Treatment discontinuation due to TRAE (2)	1		

- No Grade 4 or Grade 5 TRAEs at any dose level
- Only 3 patients experienced Grade 3 TRAEs, of these 2 experienced DLTs (150 mg dose level of vilastobart) (3)
- No endocrine irAEs and limited skin irAEs
- Selected initial RP2D of vilastobart (100 mg Q6W) + atezolizumab (1200 mg Q3W)

Data cutoff date: October 7, 2024

<sup>3.</sup> DLTs at the 150 mg dose level of vilastobart were experienced by one patient with Grade 3 colitis and diarrhea and one patient with grade 3 ALT and blood ALP elevation.

AE: adverse event; ALP: alkaline phosphatase; ALT: alanine aminotransferase; AST: aspartate transaminase; DLT: dose-limiting toxicity; irAE: immune-related adverse event; RP2D: recommended Phase 2 dose; TRAE: treatment-related

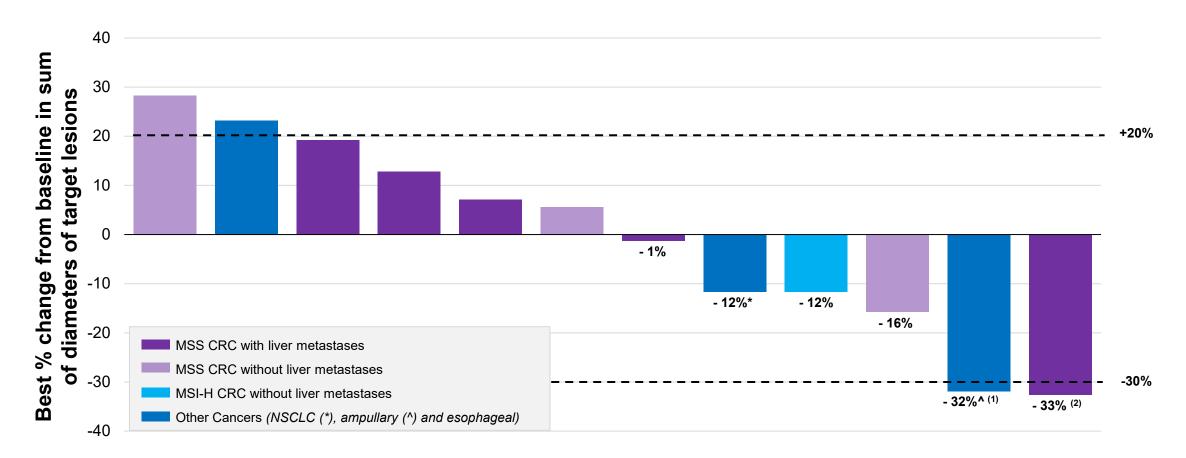


<sup>1.</sup> Of the 10 patients with infusion related reactions, 4 experienced reactions related to vilastobart, 3 experienced reactions related to atezolizumab and 3 experienced reactions related to the combination.

<sup>2.</sup> Reflects discontinuation of both vilastobart and atezolizumab.

# Combination of Vilastobart (anti-CTLA-4) and Atezolizumab Demonstrated Anti-Tumor Activity in Cold Tumors, Including a Sustained Tumor Reduction in a MSS CRC Patient with Metastatic Liver Disease

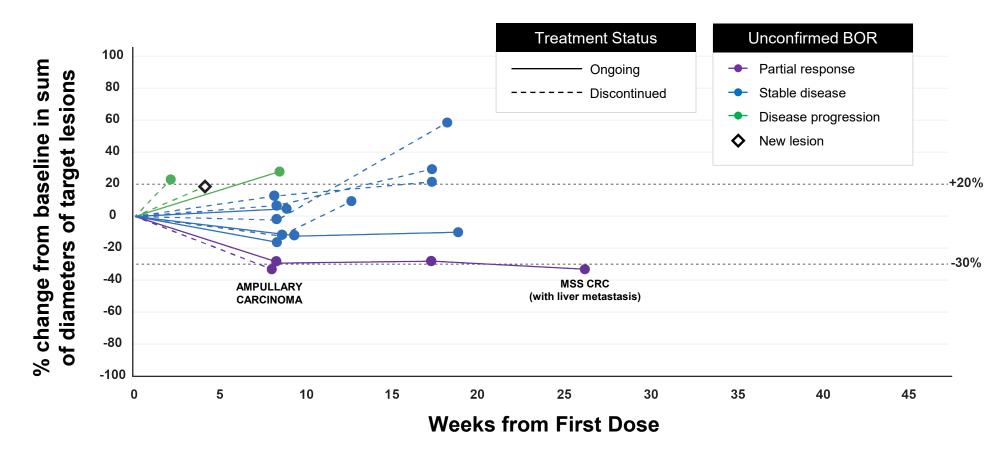
#### Patients Treated with the Combination of Vilastobart and Atezolizumab in Phase 1C





# Combination of Vilastobart (anti-CTLA-4) and Atezolizumab Demonstrated Anti-Tumor Activity in Cold Tumors, Including a Sustained Tumor Reduction in a MSS CRC Patient with Metastatic Liver Disease

#### Patients Treated with the Combination of Vilastobart and Atezolizumab in Phase 1C





## PR (Unconfirmed)\* in Patient with Ampullary Carcinoma (Cold Tumor) After Single Cycle of Combination of Vilastobart (anti-CTLA-4) and Atezolizumab

## Malignant Neoplasm of Ampulla of Vater

- 76 year-old male
- 2 prior lines of therapy:
  - Gemcitabine + nab-Paclitaxel
  - 5-fluorouracil + Irinotecan Liposome + Leucovorin
- Administered vilastobart (150 mg Q6W) + atezolizumab (1200 mg Q3W)
- Significant CA 19-9 decrease after a single cycle of the combination

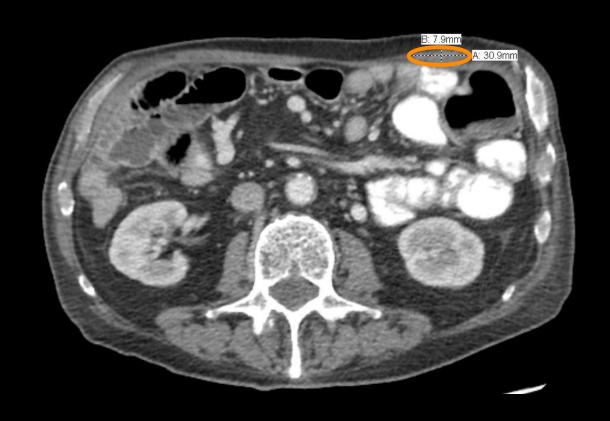
	Scr	eening	8 weeks after C1D1
Sum of diameters	60.	.5 mm	41.2 mm
Change			- 32%
Serum tumor marker	Screening	C1D1	6 weeks after C1D1
CA 19-9 (U/mL)	575.0	700.2	40.8

# PR (Unconfirmed)\* in Ampullary Carcinoma After Single Cycle of Combination of Vilastobart (anti-CTLA-4) and Atezolizumab (32% Reduction in Sum of Diameters)

## **Target Lesion At Screening**



## Target Lesion After 8 weeks



## PR (Unconfirmed)\* in Patient With MSS CRC, Including Full Resolution of Target Lesion in Liver

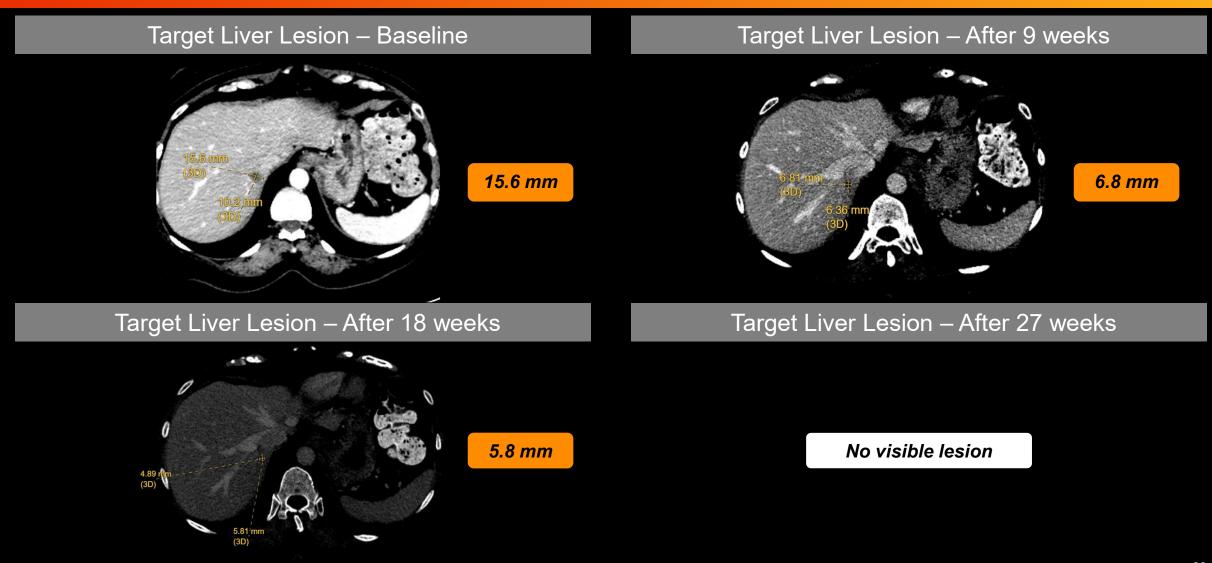
## MSS CRC and Liver Metastasis

- 69 year-old female
- 5 prior lines of therapy:
  - FOLFOX-Avastin
  - FOLFIRI-Avastin
  - Cetuximab
  - Lonsurf
  - FOLFIRI-Panitumamab
- Administered vilastobart (150 mg Q6W) + atezolizumab (1200 mg Q3W)

	Screening	1st follow-up (9 weeks)	2 <sup>nd</sup> follow-up (18 weeks)	3 <sup>rd</sup> follow-up (27 weeks)
Sum of diameters	98.4 mm	70.5 mm	71.0 mm	66.3 mm
Change		- 28%	- 28%	- 33%

Including full resolution of target lesion in the liver

# PR (Unconfirmed)\* Including Resolution of Liver Metastatic Lesion in Patient With MSS CRC (33% Reduction in Sum of Diameters)



# Encouraging Initial Evidence of Combination Activity Observed in Phase 1C; Anticipate Initial Phase 2 Combination Proof-of-Concept Data in Q4 2024

## Initial Phase 1C Data for Combination of Vilastobart and Atezolizumab

- Generally well-tolerated with minimal irAEs
- Initial evidence of anti-tumor activity in cold tumors, including a PR (unconfirmed) in a patient with MSS CRC with complete resolution of liver metastasis

## Anticipated Near-Term Phase 2 Data Milestones

- ☐ Initial data (n = ~20 total) in MSS CRC in Q4 2024
- □ Additional data (n = ~40 total) in MSS CRC in Q1 2025

# Vilastobart (XTX101)

**Phase 1 Monotherapy Clinical Data** 



# Phase 1 Monotherapy Trial for Vilastobart (anti-CTLA-4) Included Patients With a Wide Range of Advanced/Refractory Solid Tumors

Vilastobart Monotherapy Phase 1 Trial Design

Phase 1A
Monotherapy Dose-Escalation
Advanced Solid Tumors
(n=20)

Phase 1B Monotherapy Expansion (n=19)

**Enrollment Completed** 

n=21 patients treated at the monotherapy RP2D (150 mg Q6W)

Patient Characteristics	Total (n=39)	
Demographics		
Age, median (range)	62 (43, 80)	
Female	19 (49%)	
ECOG PS 0	12 (31%)	
ECOG PS 1	27 (69%)	
Prior Lines of Anti- Cancer Treatment	Median 4 (1-12)	
1	4 (10%)	
2	4 (10%)	
3	9 (23%)	
4	8 (21%)	
5	5 (13%)	
6 and more	9 (23%)	
Progressed on Prior Treatment with I-O		
≥1	21 (54%)	

Tumor Types	Total (n=39)
Colorectal cancer	12
NSCLC	5
Pancreatic cancer	3
Breast cancer	3
Melanoma	3
Merkel cell carcinoma	2
Squamous cell skin	2
Esophageal cancer	1
Cervical cancer	1
Prostate cancer	1
Gastric cancer	1
Fallopian tube cancer	1
Leiomyosarcoma	1
Renal cell carcinoma	1
Uterine cancer	1
Endometrial cancer	1

Treatment Status	Total (n=39)	
Continuing on Treatment	2	
Discontinued Treatment	37	
Progressive Disease	16	
Adverse Events	5	
Consent Withdrawal (Hospice)	5	
Death	3	
Investigator Decision	3	
Unacceptable Toxicity	2	
Other	3	

- 80% of patients had 3 or more prior lines of treatment
- 54% of patients progressed on prior I-O treatment



## Vilastobart (anti-CTLA-4) 150 mg Q6W Was Generally Well-Tolerated with Minimal TRAEs

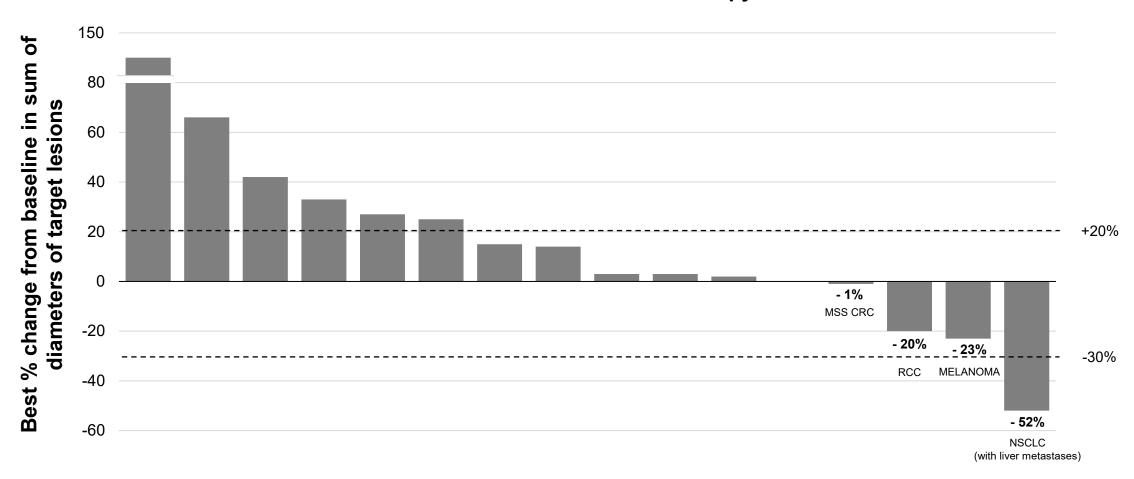
AE Category / Term  All TRAEs with ≥10% incidence in any	Vilastobart 150 mg Q6W (monotherapy RP2D, n=21)		
category or any Grade 3 TRAE	Any	Grade 3	
Diarrhea	3 (14%)	2 (10%)	
Colitis	3 (14%)	2 (10%)	
Infusion related reaction	2 (10%)	1 (5%)	
Fatigue	3 (14%)	0	
Lymphopenia	1 (5%)	1 (5%)	
Dermatitis	1 (5%)	1 (5%)	
Blood creatine phosphokinase increased	1 (5%)	1 (5%)	
Dose reduction due to TRAE	2	<u>)</u>	
Treatment discontinuation due to TRAE	2	2	

- No Grade 4 or 5 TRAEs were reported for vilastobart at the monotherapy RP2D of 150 mg Q6W
- No endocrine irAEs and limited skin irAEs
- Safety data included long-term administration of vilastobart > 1 year in 1 patient



## Vilastobart (anti-CTLA-4) 150 mg Q6W Demonstrated Anti-Tumor Activity With Confirmed PR in PD-L1 Negative NSCLC, Including Resolution of Liver Metastases

#### Patients Treated in Phase 1 at Monotherapy RP2D





# Vilastobart (anti-CTLA-4) 150 mg Q6W Demonstrated Deep and Durable Confirmed PR in Patient with PD-L1 Negative NSCLC, Including Resolution of Innumerable Hepatic Metastases

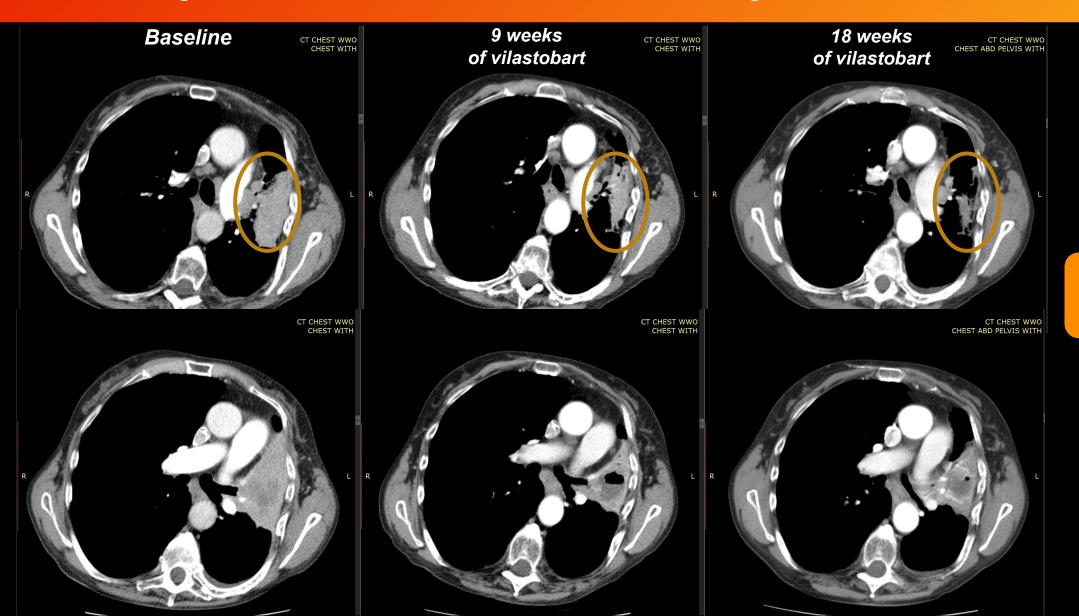
## PD-L1 Negative Stage 4 NSCLC

- 66 year-old female
- Progressed after 1 prior line of treatment (paclitaxel and carboplatin)
- Administered vilastobart at 150 mg Q6W (monotherapy RP2D) for 7 doses (36 weeks)

	Screening	1st follow-up (9 weeks)	4 <sup>th</sup> follow-up (36 weeks)
Sum of diameters	93.0	60.0	45.0
Change		- 35%	- 52%

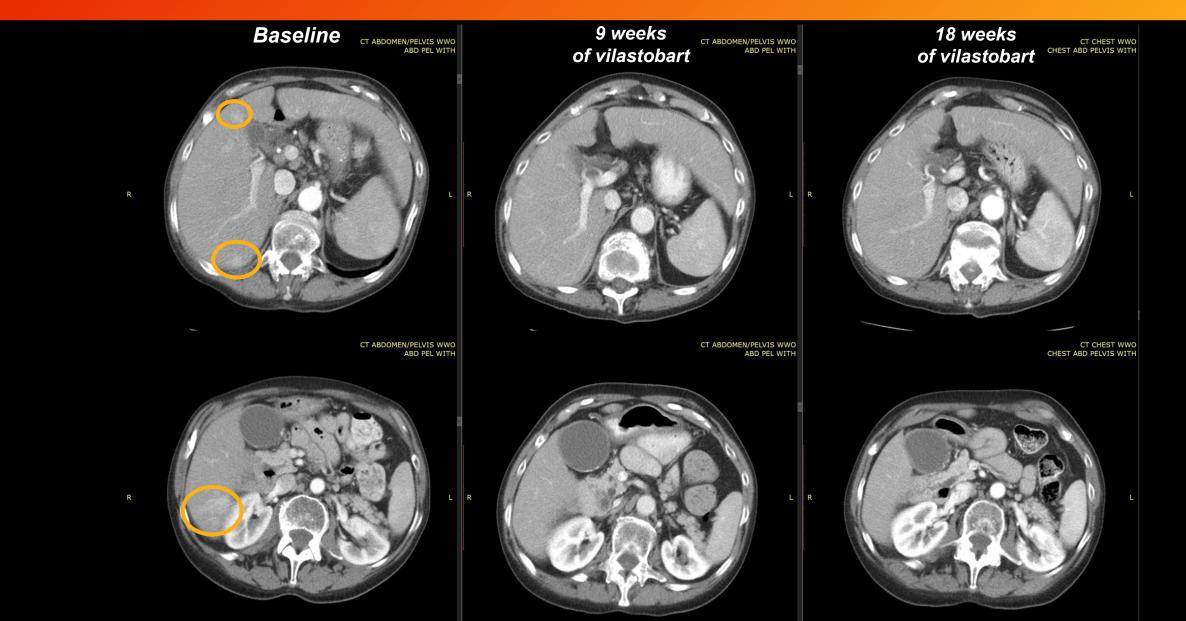


# Vilastobart (anti-CTLA-4) 150 mg Q6W Demonstrated Deep and Durable Confirmed PR Through 36 Weeks in a Patient with PD-L1 Negative NSCLC



52% Reduction (Sum of Diameters) Through 36 Weeks

# Vilastobart (anti-CTLA-4) 150 mg Q6W Demonstrated Durable Resolution of Hepatic Metastases Through 36 Weeks in a Patient with PD-L1 Negative NSCLC



# XTX301

**Tumor-Activated IL-12** 



## The Compelling Potential of IL-12 as a Therapeutic Agent

- IL-12 has significant potential as a potent
   I-O therapeutic agent in cold tumors
- Poor tolerability has limited its clinical progress for decades
- No currently approved IL-12 agents

## IL-12 Has Highly Compelling Biology for I-O Applications



Exquisitely potent stimulator of NK and T cell cytotoxicity and INFy production



Capable of polarizing
CD4 T-cells towards
Th1 phenotype, thus
driving cellular immunity
against infection and
cancer



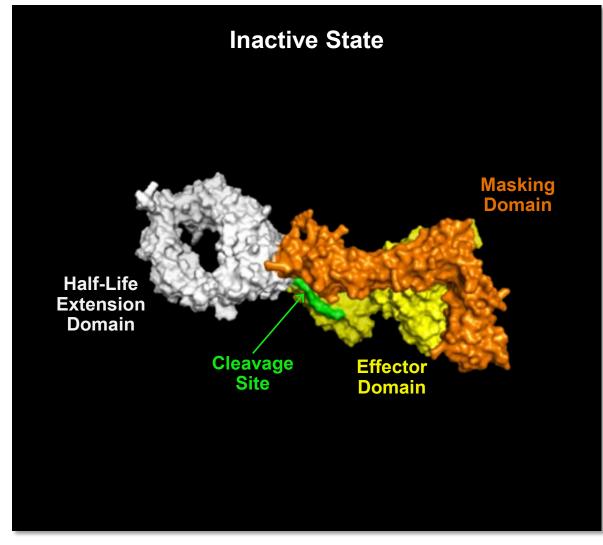
Robust INFγ induction results in broad remodeling of the TME towards a more immune-permissive environment



Demonstrated single agent objective responses in patients, but poorly tolerated (MTD <500 ng/kg on repeat dosing)



## XTX301: Tumor-Activated IL-12



## XTX301 Designed to Overcome the Limitations of Systemic Recombinant Human IL-12

- Activated XTX301 designed to have optimized short halflife IL-12 (half-life extension domain not retained)
- Efficient activation by human tumors demonstrated ex vivo
- Robust anti-tumor activity and tumor-selective PD in vivo in preclinical model
- Potential for broad therapeutic index supported by robust preclinical data
- Generally well-tolerated with no DLTs observed in Phase 1 dose escalation to date



## Entered Into Partnership with Gilead in March 2024, Designed to Explore Broad Potential of IL-12 Across Solid Tumors

## \$43.5M

## total upfront payments

(\$30M cash payment + \$13.5M initial equity investment at a premium (\$1.97/share)

# Up to \$604M additional contingent payments:

- Includes up to \$29M prior to transition fee for up to \$11.5M in additional equity investments (1) and a development milestone
- \$75M transition fee
- Up to \$500M for additional development, regulatory and sales-based milestones after transition fee

Tiered royalties: high single-digits to mid-teens

Gilead received an exclusive global license to develop and commercialize Xilio's tumor-activated IL-12 program, including XTX301

- Xilio responsible for clinical development of XTX301 in ongoing Phase 1 trial through initial planned Phase 2 trial
- Following delivery by Xilio of specified clinical data package for XTX301, Gilead can elect to pay transition fee and transition development and commercialization to Gilead (2)





# XTX301 Phase 1

**Monotherapy Dose Escalation Initial Data** 



# XTX301 Monotherapy Phase 1 Ongoing: No DLTs Reported To Date at Doses Equivalent to >100x MTD for Systemically Active rhIL-12

#### XTX301 Phase 1 Trial Design

## Phase 1A Monotherapy Dose Escalation

- Advanced solid tumors
- 3+3 design with optional dose expansion (up to 10 patients per cohort)

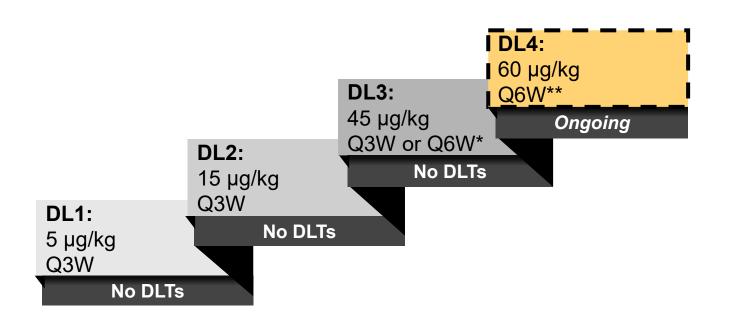
Enrollment Ongoing
Current dose: 60 μg/kg Q6W \*\*

#### Phase 1B Monotherapy PD Cohort

- n = up to 40
- Selected solid tumors

Enrollment Ongoing
Current dose: 45 µg/kg Q6W \*\*

## XTX301 Phase 1 Monotherapy Dose Escalation



- Generally well-tolerated with no DLTs reported to date
- XTX301 is administered in the outpatient setting



As of August 5, 2024

\*\* Preceded by a single priming dose of XTX301 at 15 μg/kg

<sup>\*</sup> Q6W dosing schedule evaluated at DL3 based on emerging PK data for XTX301 half-life in inactive state

#### XTX301 Phase 1 Monotherapy Data Anticipated in Q4 2024



- Demonstrated dose-dependent anti-tumor activity without significant body weight loss in vivo
- Preferentially activated in tumors vs. plasma in vivo and patient tumors vs. plasma ex vivo
- Generally well-tolerated with no DLTs observed to date
  - Enrollment ongoing in Phase 1 monotherapy dose escalation and dose expansion
  - Currently evaluating XTX301 at 60 μg/kg Q6W in dose escalation \*
- Entered into partnership with Gilead in March 2024 designed to explore broad potential of IL-12 across solid tumors



#### Next Anticipated Milestone

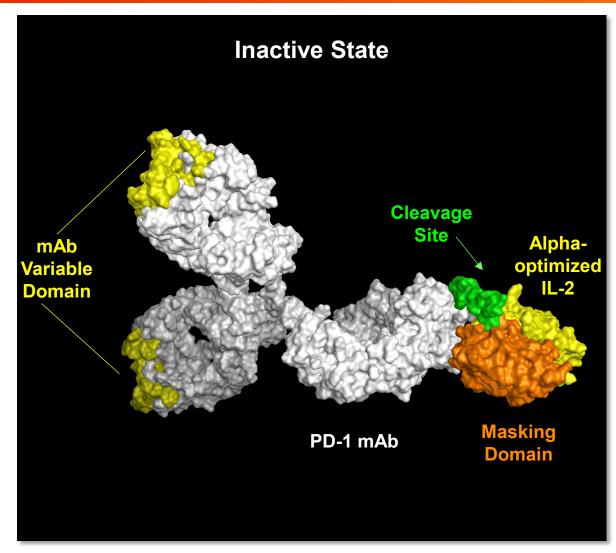
Report Phase 1 safety and PK/PD data

# **XTX501**

PD1/IL2 bispecific



#### XTX501: Tumor-Activated PD1/IL2 Bispecific

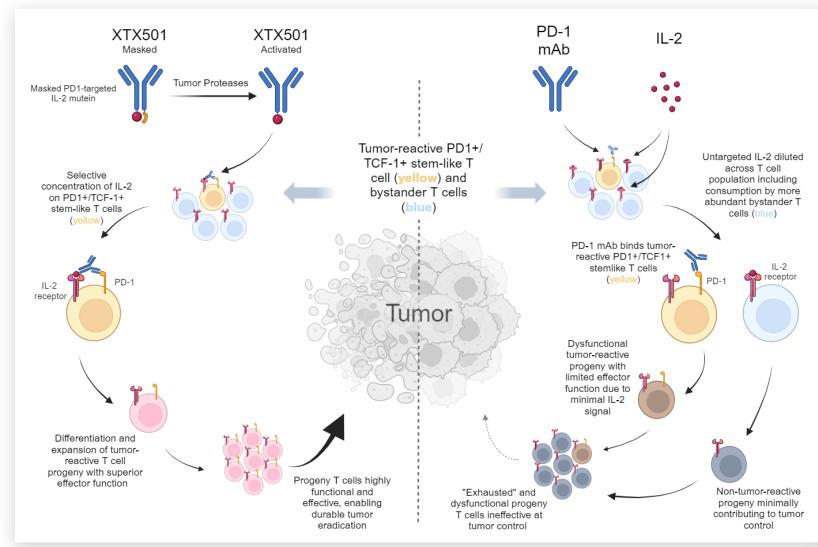


#### Demonstrated Synergistic Anti-Tumor Activity, Antibody-Like PK and Favorable Tolerability in NHP

- Alpha-optimized IL-2 with affinity-tuned, VHH-based mask
- Non-masked PD1 in Fc-silenced heterodimeric IgG1 backbone
- XTX501 designed to direct IL-2 to PD1+ T cells and induce a differentiated, enhanced immune response to cancer compared to PD-(L)1 monotherapy or PD-(L)1 + IL-2 combination
- Effective masking in vitro, potent in vivo pharmacology as monotherapy and antibody-like half-life and tolerability in NHP



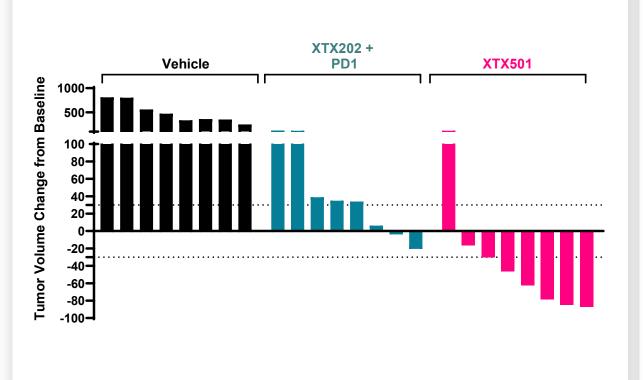
## XTX501 Designed to Induce a Differentiated, Enhanced Immune Response to Cancer Compared to PD-(L)1 Monotherapy or PD-(L)1 + IL-2 Combination



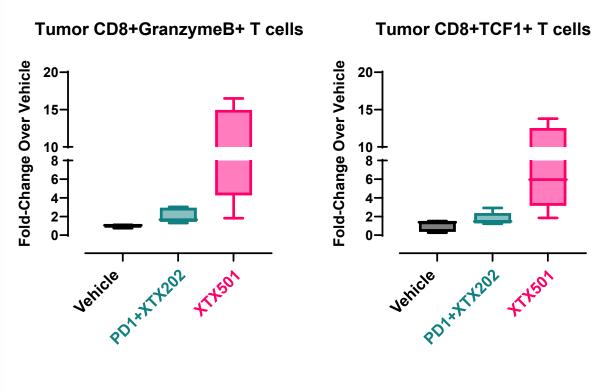
- Targeted delivery of IL-2 to PD1+ cells selectively enhances IL-2 signaling on tumor-reactive, stem-like T cells
- Drives unique differentiation program in progeny effector T cells endowing them with superior effector function and anti-tumor activity
- Not achievable with PD-(L)1
  monotherapy or IL-2 combo
  since no concurrent selective
  targeting of tumor-reactive cells

# XTX501 Demonstrated Differentiated Pharmacology vs PD1 or PD1+XTX202 Indicative of Enhanced Anti-Tumor Immunity

#### Robust Preclinical Monotherapy Activity Beyond XTX202 + PD1 Combination



### XTX501 Increased Intra-tumoral Cytotoxic and TCF1+ Stem-like T cells





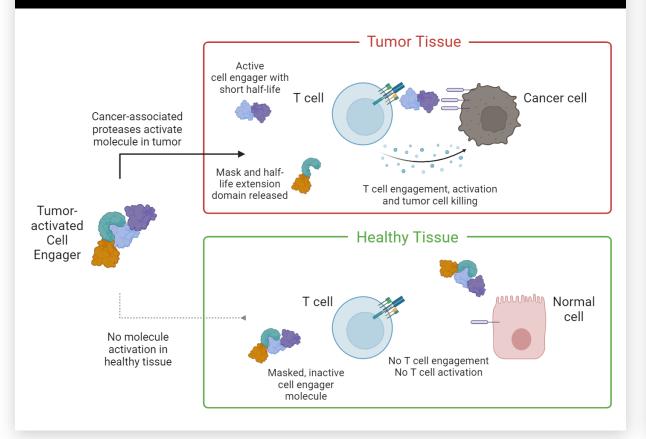
**Left panel:** Female C57BL/6 hPD-1 mice (n=8 in each treatment group) were inoculated with MB49 tumor cells. On day 0, 5 mice received vehicle or equimolar doses of anti-PD1 antibody (pembrolizumab) plus XTX202 (Masked βγIL-2), or XTX501. Tumor volume change on day 12 post treatment relative to baseline is shown as a waterfall plot. **Right panel:** Female C57BL/6 hPD-1 mice (n=5 in each treatment group) ) were inoculated with MB49 tumor cells. On day 0, 5 mice received vehicle or equimolar doses of anti-PD1 antibody (pembrolizumab) plus XTX202 (Masked βγIL-2), or XTX501. Tumors were harvested on day 7 post initial treatment and tumor infiltrating lymphocytes were phenotyped using flow cytometry. Fold-over mean vehicle is shown for the treatment arms for CD8+/GranzymeB positive and CD8+/TCF1+ T cells. Data generated with analog of XTX501 with minimal variance in amino acid sequence.

# Cell Engager Programs

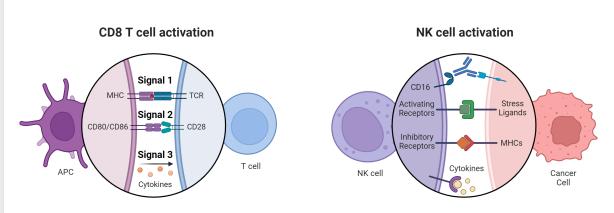


# Xilio is Developing Tumor-Activated Cell Engagers Built on Our Validated Masking Approach and Conditional Half-Life Optimization

## <u>A</u>dvanced <u>T</u>umor-<u>A</u>ctivated <u>C</u>ell Engage<u>R</u> ("ATACR" molecules)



## Selective Effector-Enhanced Cell EngageR (SEECR molecules)

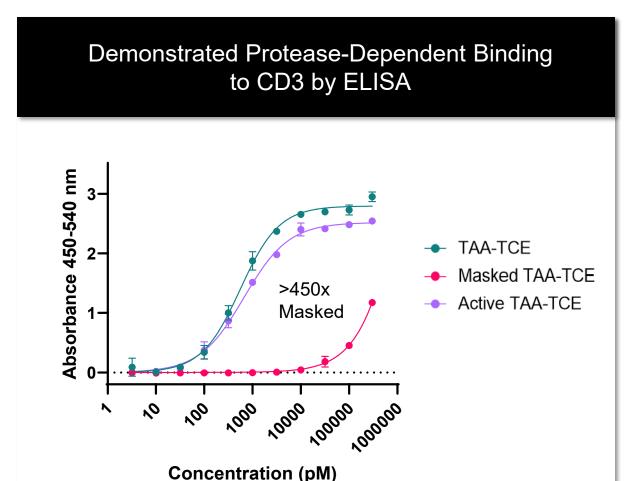


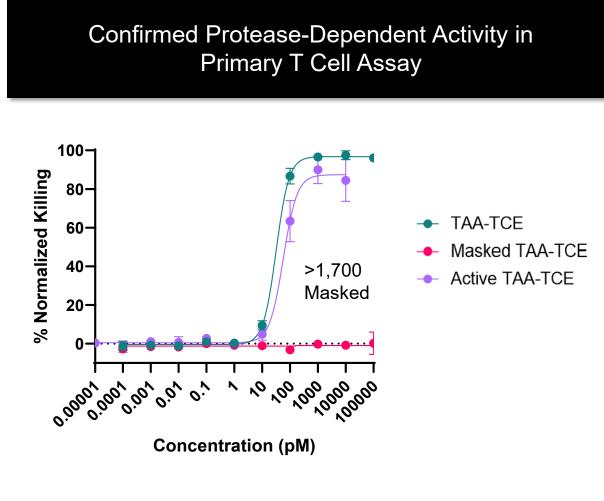
#### Design Goals

- Potent tumor-selective T cell engagement <u>and</u> costimulation
- Minimal peripheral activity and off-tumor cytotoxicity



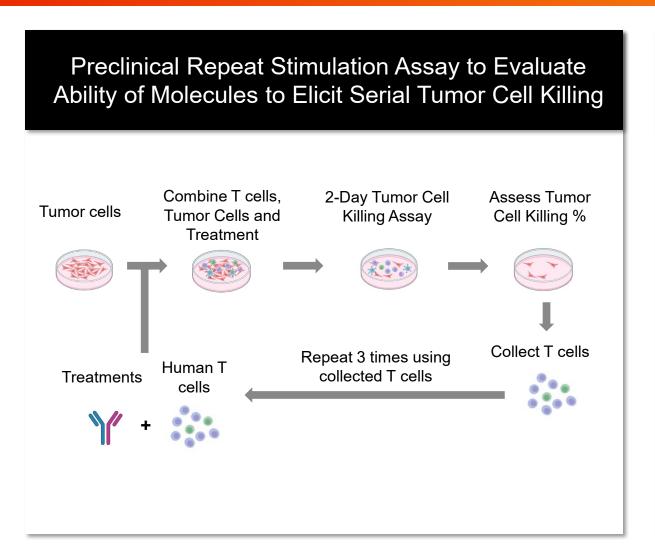
# Xilio's Masking Technology Enabled Efficient Masking of the CD3 Binding Domain of Cell Engagers

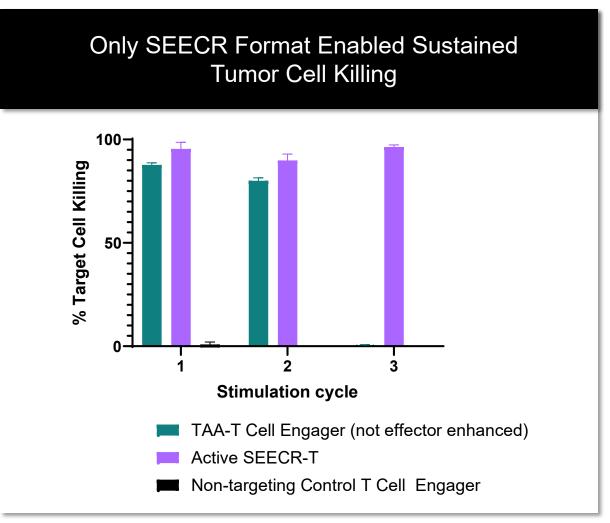






## SEECR Molecule Demonstrated Unique Ability to Drive Sustained, Serial Tumor Cell Killing Over Multiple Rounds of Stimulation in Preclinical Model

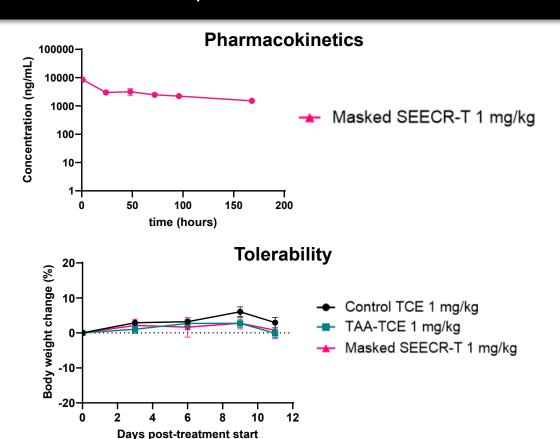




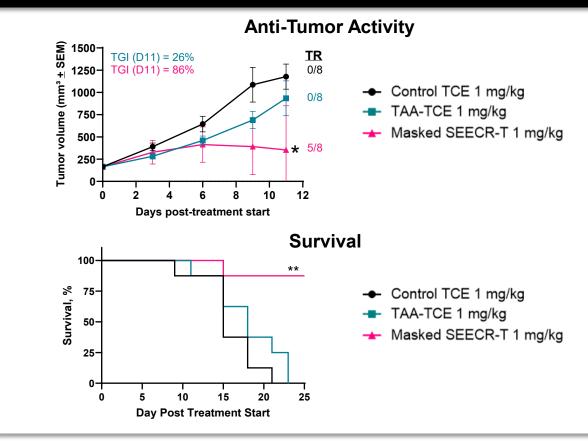


# SEECR Molecule Demonstrated Potent Anti-Tumor Activity, Antibody-Like PK and was Well-Tolerated in Murine Models

#### SEECR Featured Antibody-Like PK and Tolerability Comparable to Control



#### SEECR Showed Significantly Enhanced Activity and Survival Compared to Standard TCE





PK, tolerability, and anti-tumor activity of SEECR-T molecules were evaluated in the human A375 melanoma model in NSG mice engrafted with human T cells. In the efficacy study, animals received IV doses of TAA-TCE (1 mg/kg, Q3Dx8), masked SEECR-T (1 mg/kg, Q3Dx8), or control TCE molecules (1 mg/kg, Q3Dx8). Left panel top: TAA-TCE and masked SEECR-T demonstrated similar PK profiles. Left panel bottom: All treatments were well tolerated, and no body weight loss was observed. Right panel top: Masked SEECR-T molecule (IV, 8 doses) significantly inhibited tumor growth, achieving 86% TGI on Day 11 (Data presented as mean ±SEM, two-way ANOVA followed by post hoc Dunnett's test on Day 11, \*P < 0.05). Right panel bottom: The treatment with masked SEECR-T molecule improved median animal survival from 17 days to more then 27 days (Gehan-Breslow-Wilcoxon test, \*\*P < 0.005). TR: tumor regression

Management
Overview and
Recent Financial
Results



#### Deep Expertise to Build a Transformational Immuno-Oncology Company



RENÉ RUSSO, PHARM.D.
Chief Executive Officer and President,
Director



CHRIS FRANKENFIELD
Chief Financial and Operating Officer



ULI BIALUCHA, PH.D. Chief Scientific Officer



KATARINA LUPTAKOVA, M.D. Chief Medical Officer



SCOTT COLEMAN, PH.D. Chief Development Officer

Experienced Leadership Team with Proven Track Record in Biotech and Pharma Developing Novel Therapies



## Q3 2024 Financial Results Anticipate Cash Runway Through End of Q2 2025

Balance Sheet		
	September 30, 2024 <sup>(1)</sup>	December 31, 2023
Cash and Cash Equivalents	\$61.3M	\$44.7M

#### **Statement of Operations**

	Three Months Ended September 30		
	<b>2024</b> <sup>(1)</sup>	<b>2023</b> <sup>(1)</sup>	
License Revenue	\$2.3M	\$—	
Research & Development Expenses	\$10.8M	\$11.1M	
General & Administrative Expenses	\$6.3M	\$6.3M	
Net Loss	\$(14.0M)	\$(16.7M)	



Xilio is working to deliver highly potent, localized immunotherapies in cancer and beyond

Xilio Therapeutics is a Differentiated I-O Company with a Proprietary Tumor-Activated Platform and the Team to Deliver

