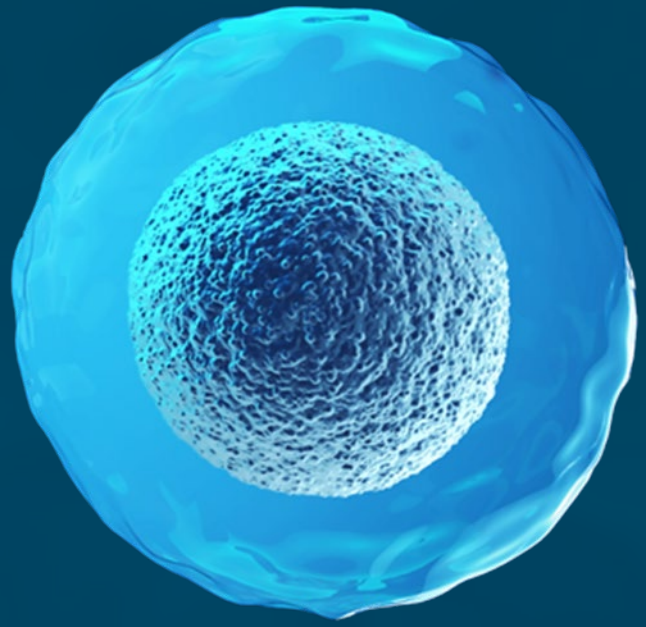


MiNK Therapeutics

Changing lives through living medicines

Corporate Overview

August 2024

DISCLAIMER AND FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking statements that are based on management's beliefs and assumptions and on information currently available to management. All statements other than statements of historical facts contained in this presentation are forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning: the therapeutic and curative potential of agenT-797 and iNKT cells, the mechanism of action, potency and safety of agenT-797 and iNKT cells, interim or top-line data, future development plans and timelines (including pre-clinical, clinical, regulatory, manufacturing and commercial),estimated treatment costs, our ability to continue to successfully manufacture iNKT cells (including capacity and scalability), and any other statements containing the words "may," "believes," "expects," "anticipates," "hopes," "intends," "plans," "forecasts," "estimates," "will" and similar expressions are intended to identify forward-looking statements. These forward-looking statements are subject to risks and uncertainties, including the factors described under the Risk Factors section of the most recent Form 10-K, Form 10-Q and the S-1 Registration Statement filed with the SEC. Actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. There are several important factors that could cause MiNK's actual results to differ materially from those indicated by such forward-looking statements, including a deterioration in MiNK's business or prospects; adverse developments in clinical development, including unexpected safety issues observed during a clinical trial; adverse developments in the U.S. or global capital markets, credit markets or economies generally; and changes in regulatory, social, and political conditions. For instance, actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including the uncertainties inherent in the initiation, enrollment and maintenance of patients, and completion of clinical trials, availability and timing of data from ongoing clinical trials, expectations for the timing and steps required in the regulatory review process, including our ability to obtain regulatory clearance to commence clinical trials, expectations for regulatory approvals, the impact of competitive products, our ability to enter into agreements with strategic partners. When evaluating MiNK's business and prospects, careful consideration should be given to these risks and uncertainties. These statements speak only as of the date of this presentation, and MiNK undertakes no obligation to update or revise these statements.

MINK PIONEERS ALLOGENEIC IMMUNE CELL THERAPIES IN ARDS AND CANCER

MiNK Therapeutics

Universal Cell Therapy Platform

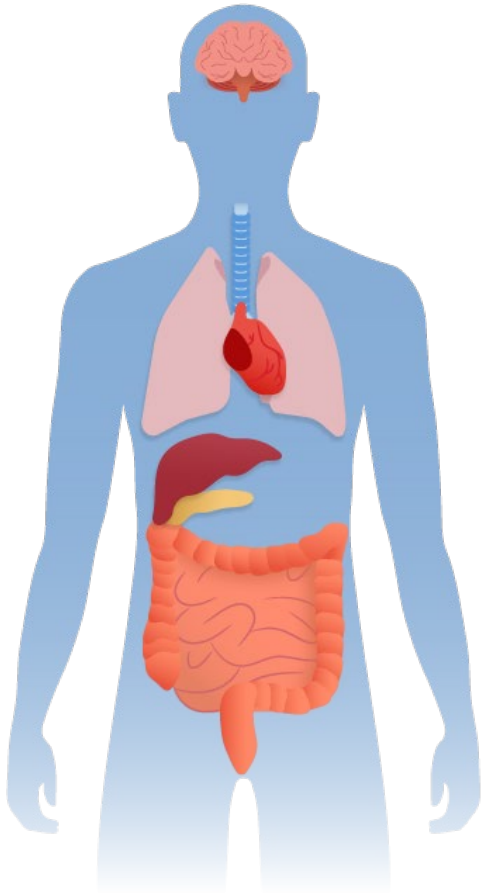
Readily available, allogeneic, innate T cells (iNKT) administered without lymphodepletion or tissue matching

Robust Pipeline of Allogeneic Products

Fully internal capabilities to manufacture, engineer CARs, TCRs, and bispecific engagers

Proprietary Manufacturing

In-house, scalable, closed automated process to produce functional iNKTs at scale



agenT-797: Unmodified iNKT cells

3 — **Completed Phase 1 trials** in respiratory distress and oncology

>80 — **Patients treated** with **no CRS, no GvHD, no ICANS**

No lymphodepletion or HLA matching needed

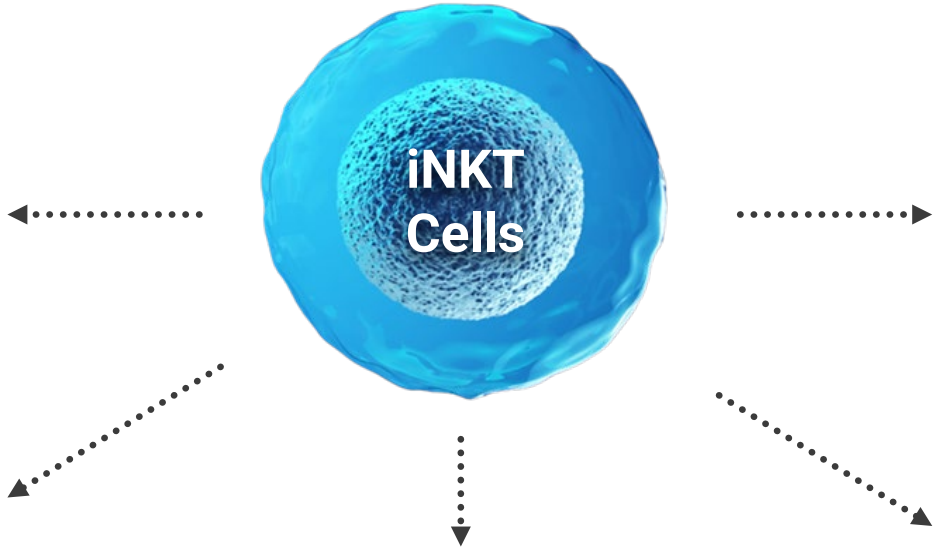
70% — **30-day survival rate** in patients with moderate to severe ARDS[1]

ARDS: Acute Respiratory Distress Syndrome

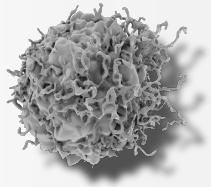
[1]Hammond TC et al, Nature Communications 2024

MiNK Therapeutics

iNKT CELLS HAVE MULTIPLE INDIRECT AND DIRECT MODES OF ACTION

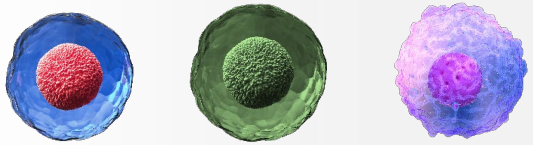


1 Direct Killing



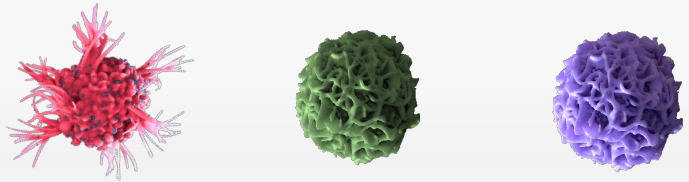
Infected & stressed cells

2 Activate Host Immunity



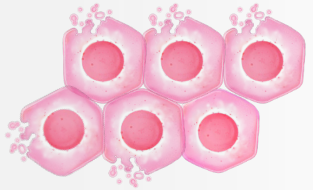
T cells B cells NK cells

3 Condition local Immune-environment



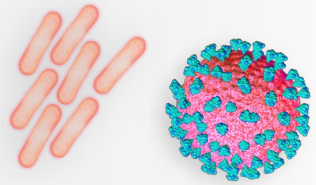
Dendritic cells Neutrophils Monocytes

5 Reduce Tissue Damage



Lung epithelium

4 Combat Infection



Pathogen-agnostic

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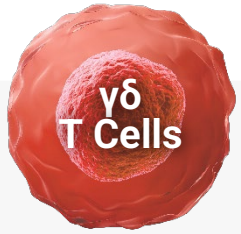
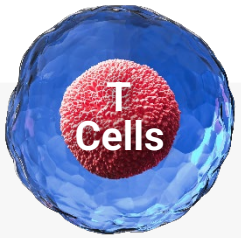
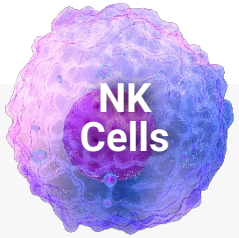
INKT CELLS ARE POWERING THE NEXT GENERATION OF CELL THERAPIES

OVERCOMES PRACTICAL AND MECHANISTIC CHALLENGES OF OTHER CELL TYPES

				
Innate AND adaptive immune modulation	✓	✓	✗	✗
Tumor homing and persistence	✓	✓	✗	✗
No Lymphodepletion	✓	?	✗	?
Naturally suppresses GvHD	✓	✗	✗	✗
No exhaustion	✓	✗	✗	✗
Potential to multi-dose without lymphodepletion	✓	✗	✗	✗

MiNK Therapeutics

UNIQUE BENEFITS OF iNKT CELLS OBSERVED IN THE CLINIC TO DATE

SAFE AND CLINICALLY BENEFICIAL RESPONSES WHERE STANDARD TREATMENTS HAVE FAILED

First immune cell therapy to improve survival in ARDS

- **30-day survival of 70%** (14/20) vs 10% in-hospital control
- **90-day survival of 75%** (3/4) in VV-ECMO patients

Long-term disease stabilization in solid tumors

- **6M+ Stable Disease** in relapsed/refractory solid tumors
- **Partial response** observed in PD-1 refractory Gastric cancer with **42% reduction** in tumor lesion

Excellent safety profile in ARDS and solid tumor patients

- **No GvHD, CRS or ICANS**
- **No treatment discontinuation**, dose interruption, nor death due to TRAEs

HLA unmatched allogeneic therapy with scalable capacity

- Easily administered **without lymphodepletion**
- Manufactured in Lexington, MA with **easy distribution globally**

ARDS: Acute Respiratory Distress Syndrome

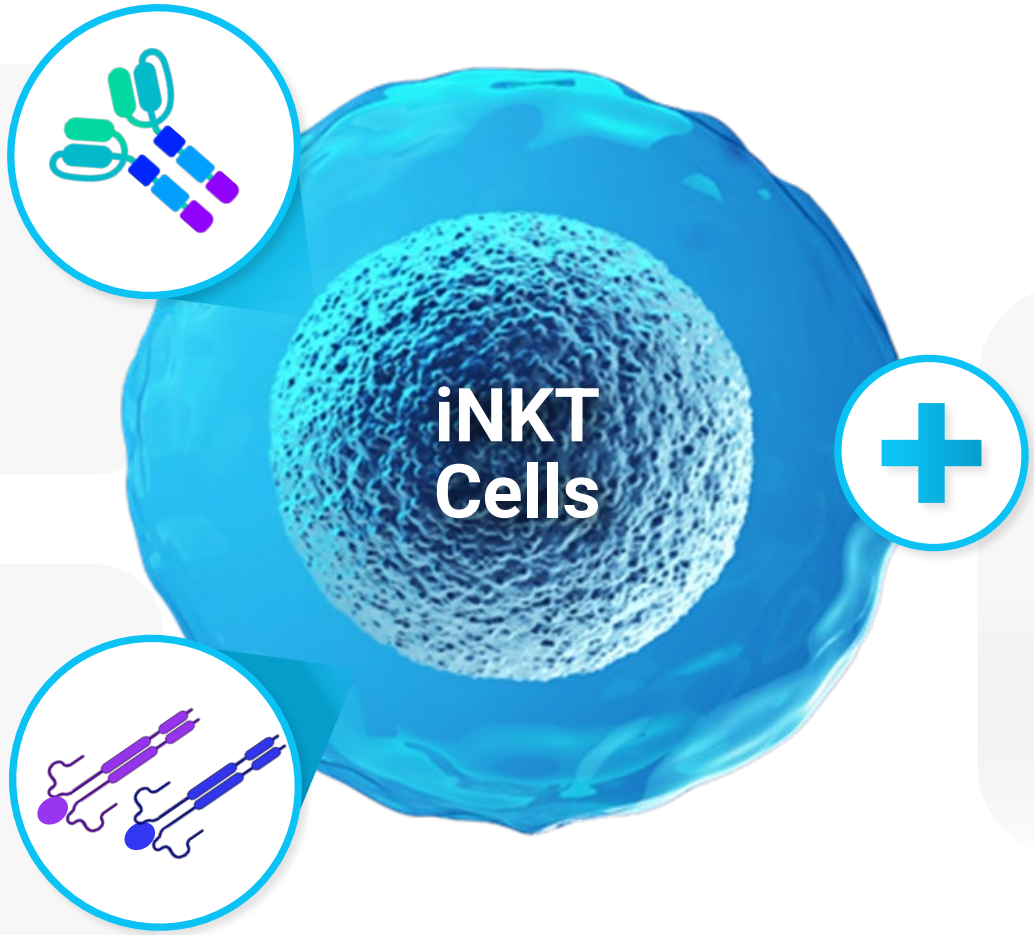
INKT CELLS CAN BE ARMORED TO ENHANCE TUMOR KILLING

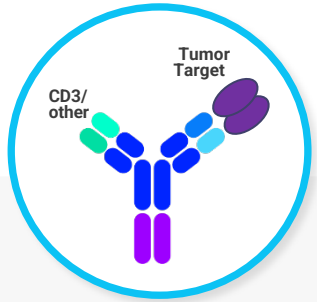
CAR/TCR Engineering

- Proprietary discovery platforms without additional gene edits
- Targeted tumor cell killing

Cytokine Engineering

- In vivo expansion
- Improved persistence





Bispecific Engagers

Enhanced activity via synergies with

- CD3 based engagers
- Proprietary iNKT engagers

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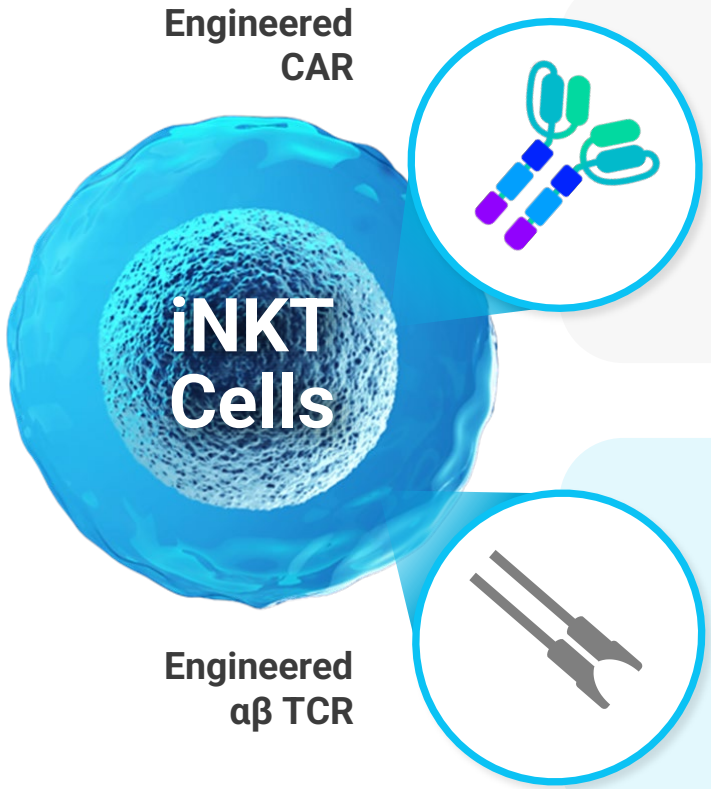
INNOVATIVE PIPELINE WITH NATIVE AND ENGINEERED INKTS

Product	Target	Indication and Approach	Preclinical	IND-enabling	Phase 1	Phase 2	Latest & Upcoming Milestones
agenT-797	Native iNKT	Solid tumors ± anti-PD1					• Updated data at SITC 2023
		Gastric cancer + SOC ± BOT/BAL[1]					• First patient dosed 2024
		Acute Respiratory Distress Syndrome (ARDS)					• Updated data at ATS 2024
MiNK-215	FAP CAR	Solid tumors					• Potential IND filing 2025 • Updated data at AACR 2024
MiNK-413	BCMA CAR	Multiple myeloma					• IND ready 2024
MiNK-PRAME-TCR	PRAME TCR	Solid tumors					• Candidate nomination 2024
MiNK-Engagers	Undisclosed	Solid tumors					• Candidate nomination 2024

[1]Agenus Inc, therapeutic candidates botensilimab (BOT, anti-CTLA-4) and balstilimab (BAL, anti-PD-1)
;

MINK THERAPEUTICS HAS ROBUST DISCOVERY PLATFORMS FOR CAR AND TCR



CARDIS enables high-throughput DISCOVERY of functional cars

- CAR Expressed into mammalian display library
- Identify strong binders and activators
- Eliminate false binders and non-functional CARs

Trx platform enables efficient TCR discovery & engineering

- TCR expressed in mammalian display cell line
- High throughput functional and specificity testing
- In vitro characterization for candidate selection

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RAPID CLINICAL DEVELOPMENT THROUGH PARTNERSHIPS

HIGH IMPACT COLLABORATIONS AND NON-DILUTIVE FINANCING

UCLA

PRINCIPAL INVESTIGATOR:

Dr. Terese C. Hammond
Pulmonology and Critical Care

Phase 2: agenT-797 in viral ARDS

ImmunoScape

Discovery: novel TCR targets

Memorial Sloan Kettering Cancer Center

PRINCIPAL INVESTIGATOR:

Dr. Yelena Janjigian
Chief Gastrointestinal Oncology

Phase 2: agenT-797 + chemotherapy ± PD-1/CTLA-4 in Gastric Cancer

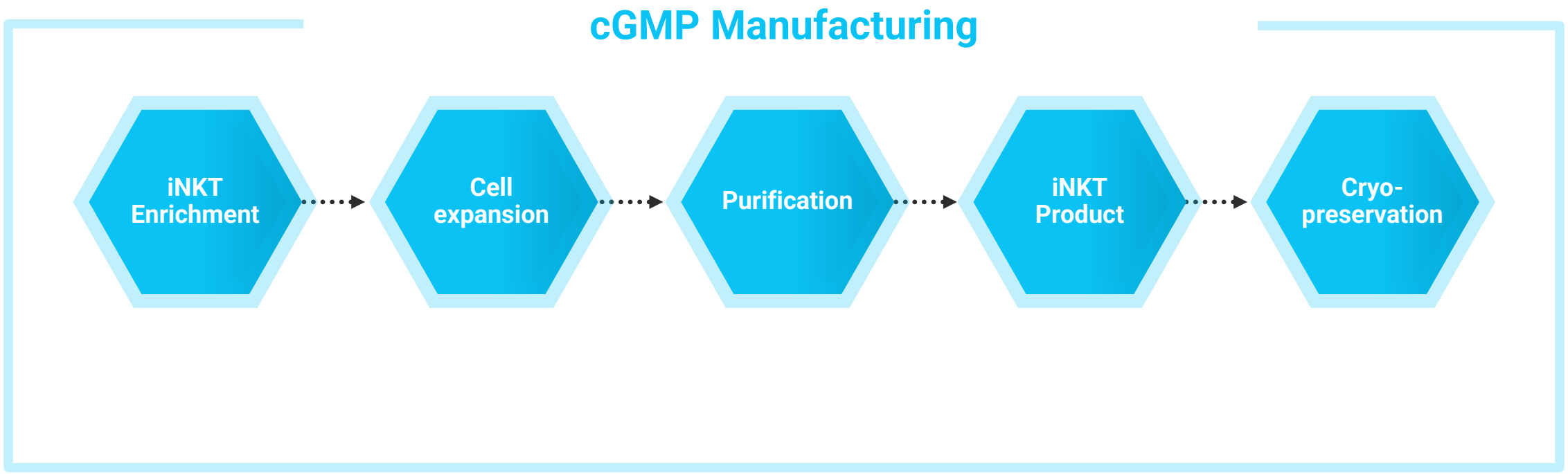
agenus

Clinical and Research: agenT-797 combination with immune checkpoint inhibitors

ARDS: Acute Respiratory Distress Syndrome

MINK MANUFACTURING PROCESS TO ACHIEVE ≤$10K PER DOSE

OFF-THE-SHELF, COST-EFFECTIVE AND SCALABLE TO >5000 DOSES



- In-house manufacturing
- Automatic and fully closed process
- Commercial ready

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agenT-797

Clinical data in immune dysfunction

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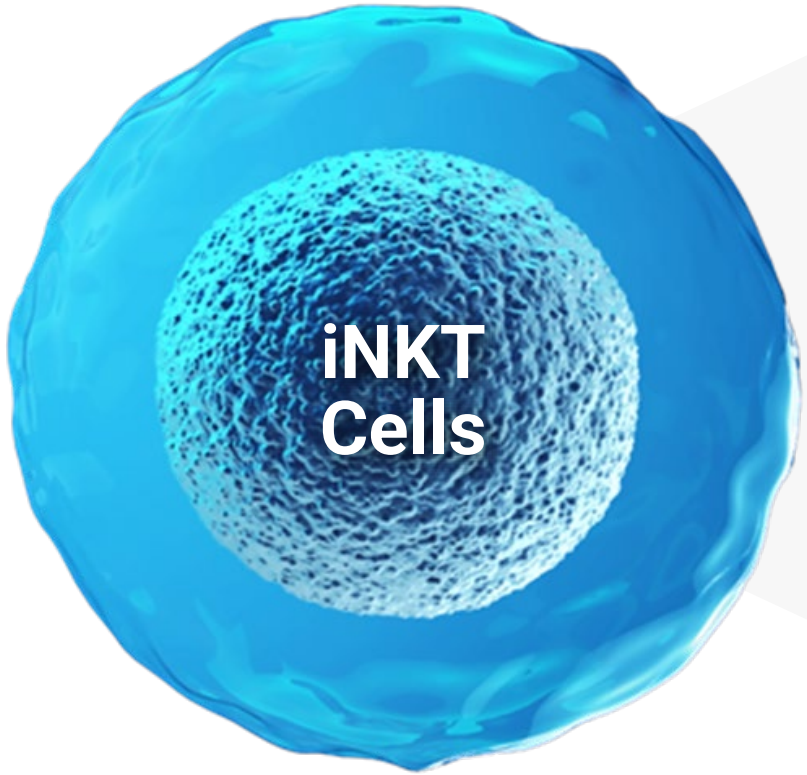
INKT CELLS PLAY A PROTECTIVE ROLE IN INFECTION AND INFLAMMATION



Infections

- Bacterial and viral infections
- Promotes CD8+ cytotoxic response
- Protects against tissue damage

Autoimmune Diseases

- Lupus, Multiple Sclerosis, Arthritis, Diabetes
- Induction of suppressive cells
- Modulating cytokine and Th profile

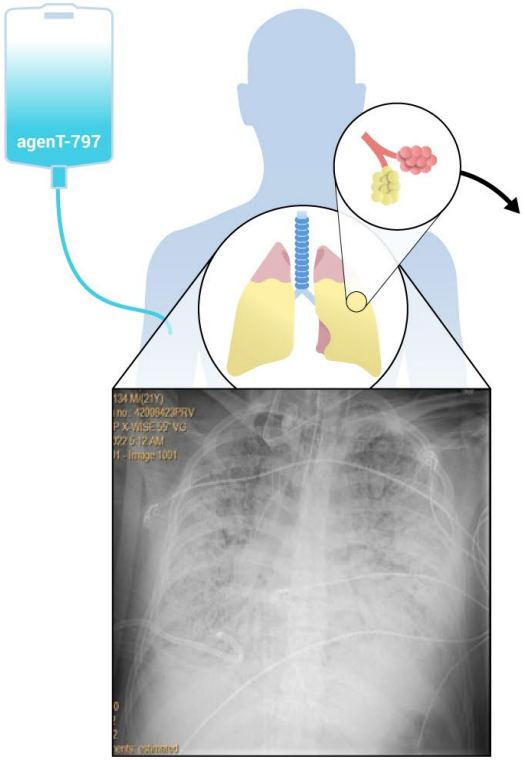
Pulmonary Fibrosis & Lung Dysfunction

- Immune or non-immune -mediated
- Suppresses pro-fibrotic factors such as TGFB
- Modulates macrophage polarization

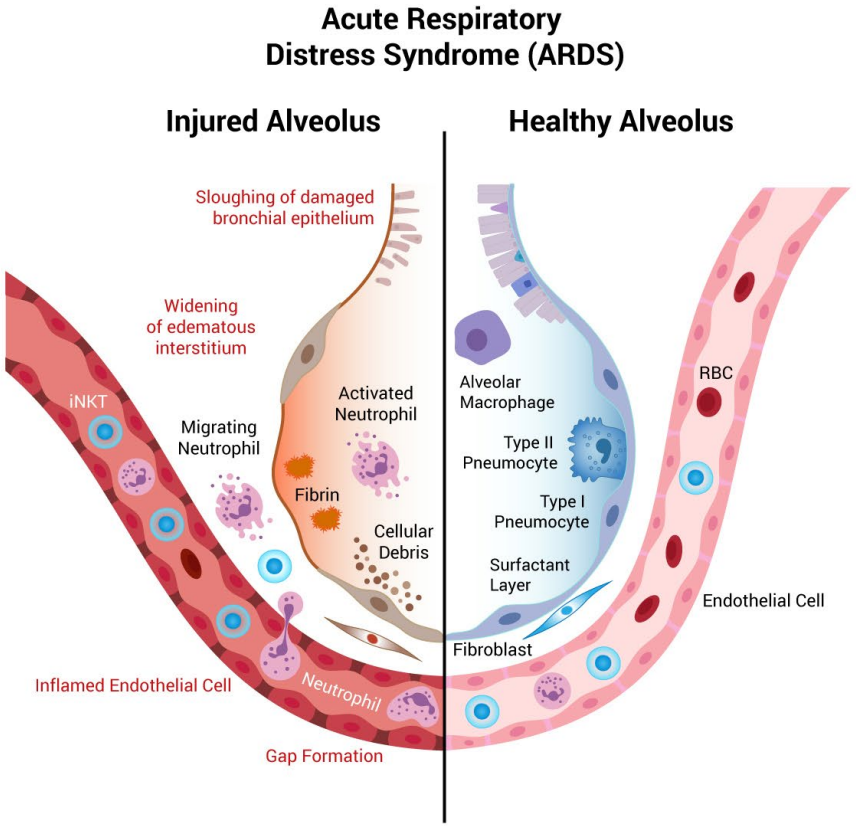
Source: Paget C et al, Mucosal Immunol. 2013; Jeong D et al, Exp & Mol Med. 2023; Kaer LV & Wu L, Front Immunol. 2018

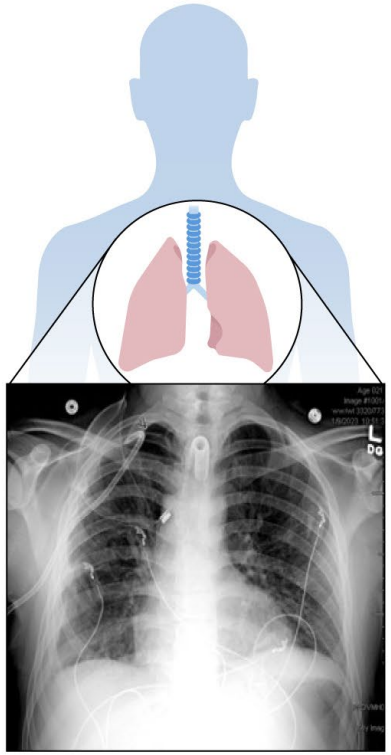
MiNK Therapeutics

AGENT-797, MINK'S UNMODIFIED INVARIANT NATURAL KILLER T (iNKT) CELL THERAPY CAN EFFECTIVELY TREAT ARDS



Pre-treatment with agenT-797





Post-treatment with agenT-797

agenT-797 in ARDS

30-day survival of 70% vs. 10% in-hospital control

15% incidence of secondary bacterial pneumonia at recommended dose level

Only 5% (1/20) experienced a TRAE of grade ≥ 3

HLA-unmatched, allogenic, readily available, cost effective, and scalable cell therapy

X-rays from ARDS patient treated with agent-797
Illustration adapted from https://doi.org/10.3390/diagnostics12112712

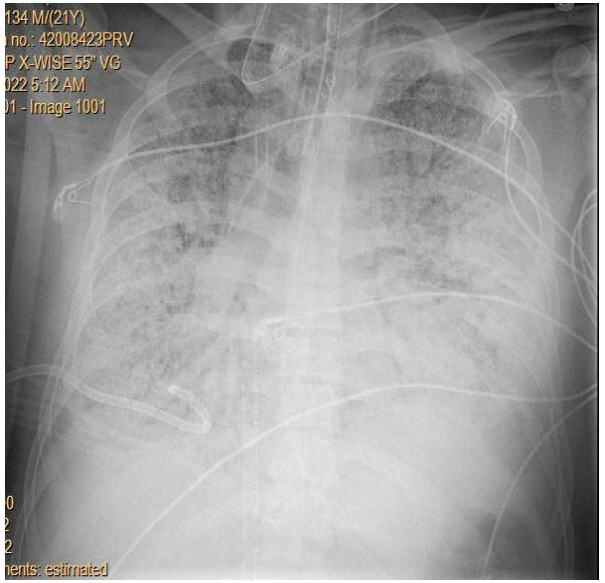
MiNK Therapeutics

RAPID RESOLUTION OF CARBAPENEM-RESISTANT PNEUMONIA AND SEVERE ARDS WITH AGENT-797 THERAPY

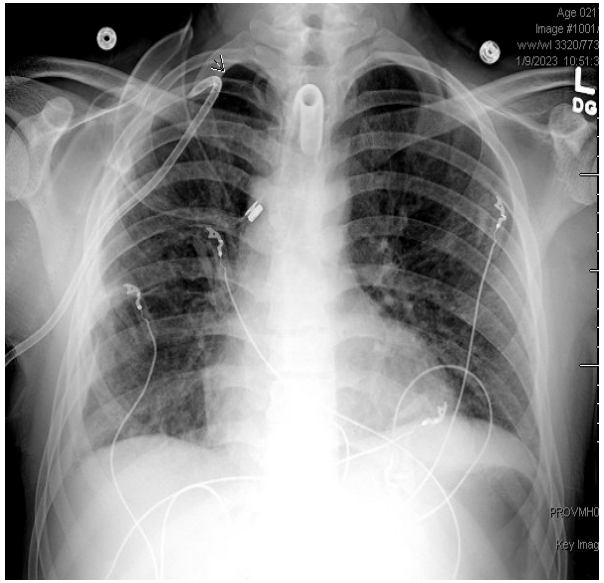
Patient cleared lung infection and stopped VV-ECMO 13 days post agenT-797 infusion

Patient Characteristics	• 21-year-old male • **Severe ARDS** • **Carbapenem resistant Pseudomonal Pneumonia on VV-ECMO**
Treatment	• **Emergency use Access (EUA)** • **Single dose of agenT-797** • DL2: 1 x 10^9 cells
Response	• Cleared Infection • **Stopped ECMO 13 days post-infusion** • Reduced pro-inflammatory lung cytokines that drive pathology • Increased monocytes in lungs to rapidly clear the infection and resolve inflammation

Pre-treatment



Post agenT-797



Source: Hammond TC et al, Nature Communications 2024

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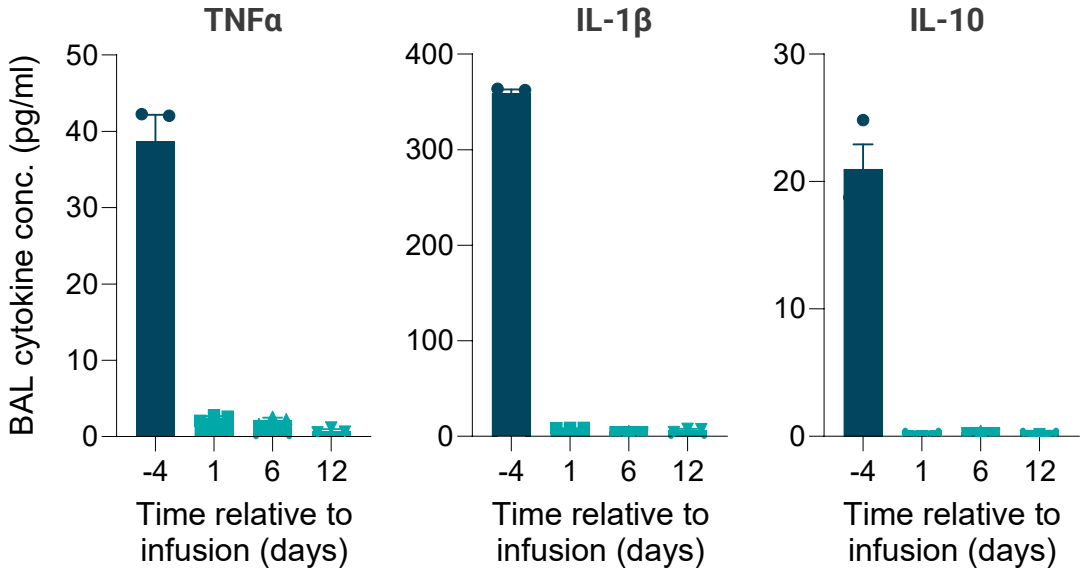
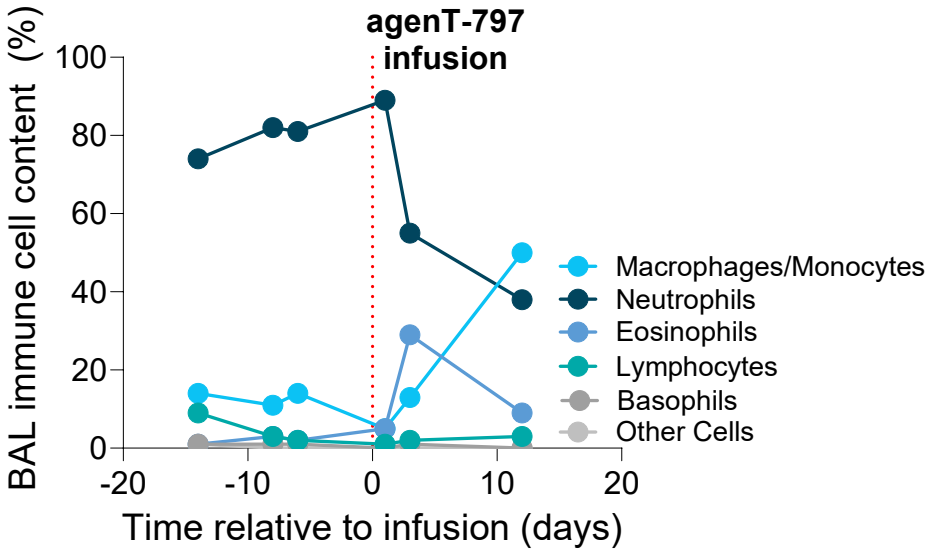
AGENT-797 REDUCED INFLAMMATORY CYTOKINES AND NEUTROPHILS WITH MONOCYTE-MEDIATED INFECTION CLEARANCE

Reduced pro-inflammatory and myeloid suppressing cytokines in bronchoalveolar lavage



Rapidly reduced neutrophils and increased monocytes/macrophages in bronchoalveolar lavage



Reduction in neutrophil count correlates with resolution of the bacterial infection

Influx of monocyte/macrophages correlates with clearance of infection debris

Source: Hammond TC et al, Nature Communications 2024

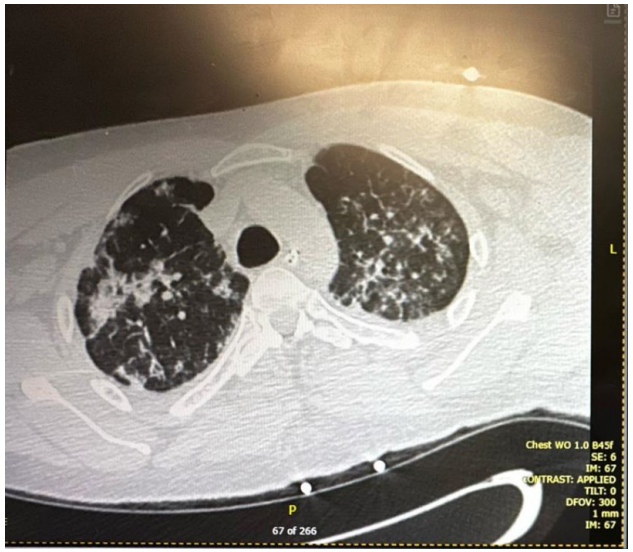
MiNK Therapeutics

RAPID CLINICAL RESPONSE TO COVID-19 ARDS REQUIRING VV-ECMO WITH AGENT-797 TREATMENT

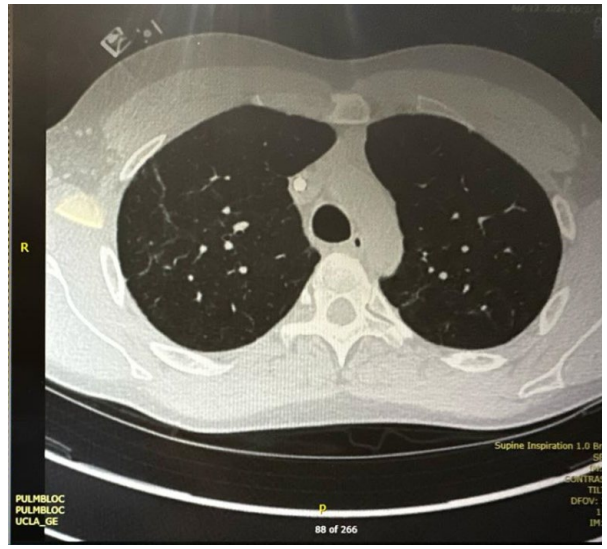
Patient cleared lung infection and stopped VV-ECMO 24 days post agenT-797 infusion

Patient Characteristics	• 26-year-old male • **Severe COVID-19 ARDS** • Unresponsive to remdesivir, baricitinib and convalescent plasma requiring VV-ECMO • Cadaveric renal transplant at age 11, on tacrolimus and prednisone. **Required dialysis post-infection.**
Treatment	• **Emergency use Access (EUA)** • **Single dose of agenT-797** • DL2: 1 x 10^9 cells
Response	• **Extubated, decannulated ECMO 24 days post infusion** • **Stopped dialysis** • Rapid reduction of proinflammatory cytokines, and VEGF-D, a known marker of alloreactive immune response

Pre-treatment



Post agenT-797



Source: Hammond TC et al, ATS 2024

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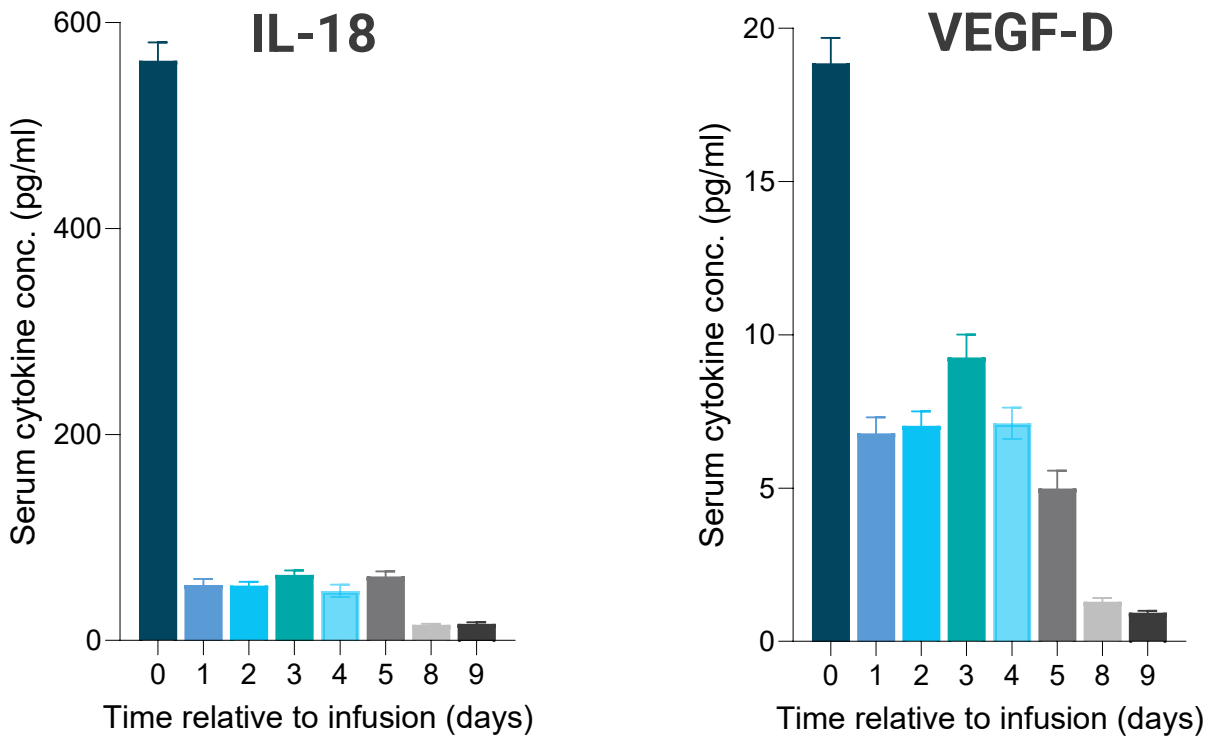
AGENT-797 REDUCES PRO-INFLAMMATORY CYTOKINES AND MARKERS OF ALLOREACTIVITY



Reduction in **IL-18**, associated with decreased survival in ARDS, and known biomarker of severe Acute Kidney Injury (AKI)

Reduction in **VEGF-D**, an angiogenic growth factor implicated in detrimental alloreactive immune response in kidney transplant

Source: Hammond TC et al, ATS 2024
Measured in peripheral blood.

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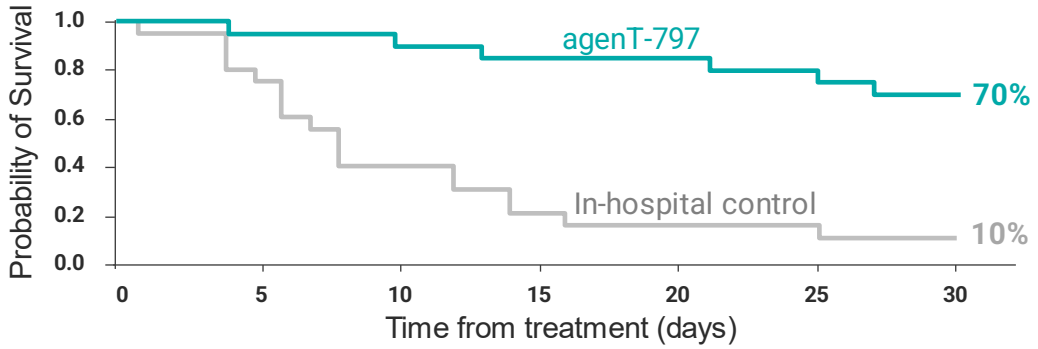
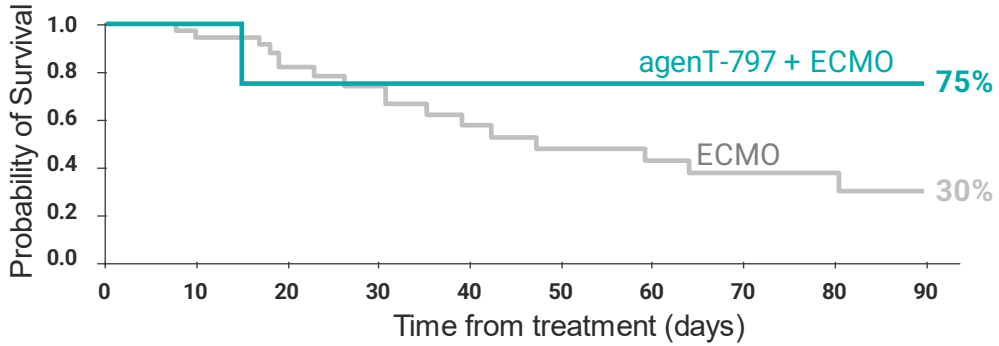
AGENT-797 IMPROVES SURVIVAL AND LUNG FUNCTION IN SEVERE VIRAL ARDS

DATA FROM PHASE 1/2 CLINICAL TRIAL

Increased survival vs case control



Increased survival on VV-ECMO



At recommended dose of 10^9 cells, only **15% incidence of secondary bacterial pneumonia** was observed (N=13)

Compare to prevalence of up to **84% in ventilator-associated pneumonia**

Source: Purbhoo MA et al, SITC 2022, Poster 649; Hammond TC et al, Nature Communications 2024

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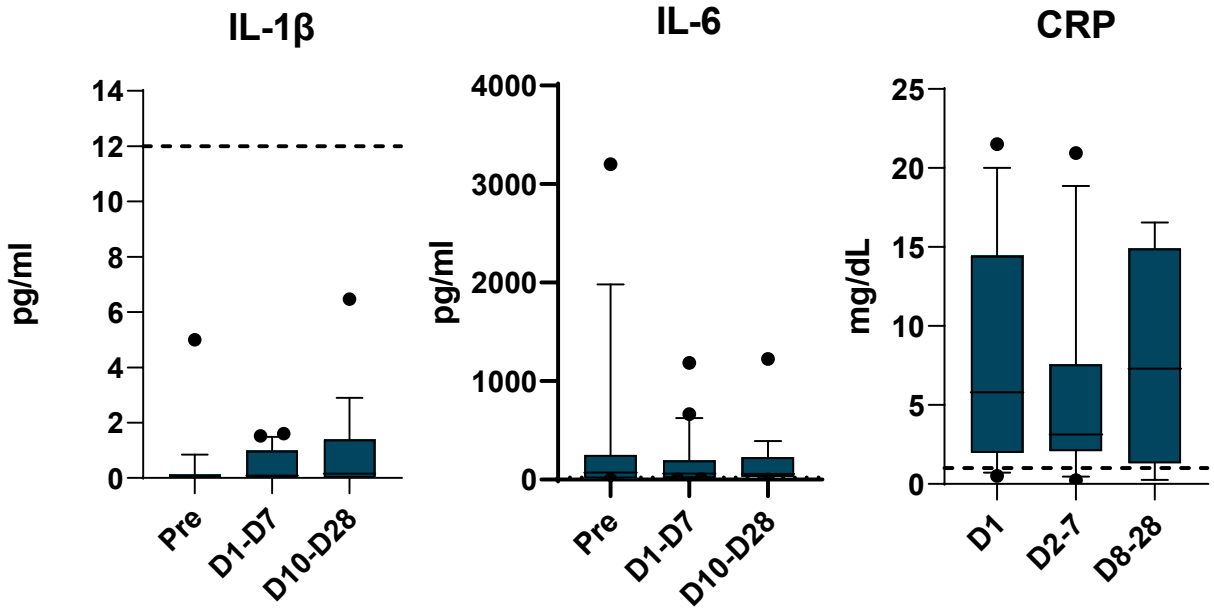
AGENT-797 IS WELL TOLERATED IN SEVERE VIRAL ARDS PATIENTS

No Significant Adverse Events

	agenT-797 ± ECMO (n=20)	agenT-797 + ECMO (n=4)
	n (%)	n (%)
AE	**20 (100)**	**4 (100)**
Any AE of grade ≥ 3	19 (95)	4 (100)
TRAE	**5 (25)**	**0 (0)**
Any TRAE of grade ≥ 3	1 (5)	0
Any TRAE leading to discontinuation	0	0
Any TRAE leading to dose interruption	0	0
Any TRAE leading to death	0	0

No Cytokine Release Syndrome



Source: Hammond TC et al, ATS 2023 Poster P1172 ; Hammond TC et al, Nature Communications 2024
Dashed line indicates upper range limit in healthy people

ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

ARDS Represents a High Unmet Need With 40% Mortality Rate

Lack of Effective Treatment Options

- Limited response to standard of care corticosteroids and mechanical ventilation
- Significant healthcare costs of up to $100K/day in the ICU

~200K
annual incidence in US

40%
Mortality rate

$100K /day
Cost burden to US healthcare

Source: : BARDA , Diamond M et al, STATPearls, 2023, Hendrickson KW et al, Crit. Care Clin. 2021

MiNK Therapeutics

AGENT-797 IS A VERSATILE THERAPY AGNOSTIC TO CAUSATIVE AGENTS

APPLICABLE TO MULTIPLE OTHER INDICATIONS

ARDS-related

Viral
Corona virus, Influenza virus, RSV, Herpesvirus, Hantavirus...

Fungal
Aspergillus Fumigatus...

Bacterial
Pneumococcus, Legionella, Mycobacterium Tuberculosis...

Lung Injury (Non-Infectious)
Radiation, Chemical, IPF

Lifecycle management

Cancer
Gastric cancer, NSCLC, CRC with liver metastasis

GvHD
Therapeutic and prophylactic in post HSCT

Metabolic disorders
Senescence, Obesity, CVD

agenT-797

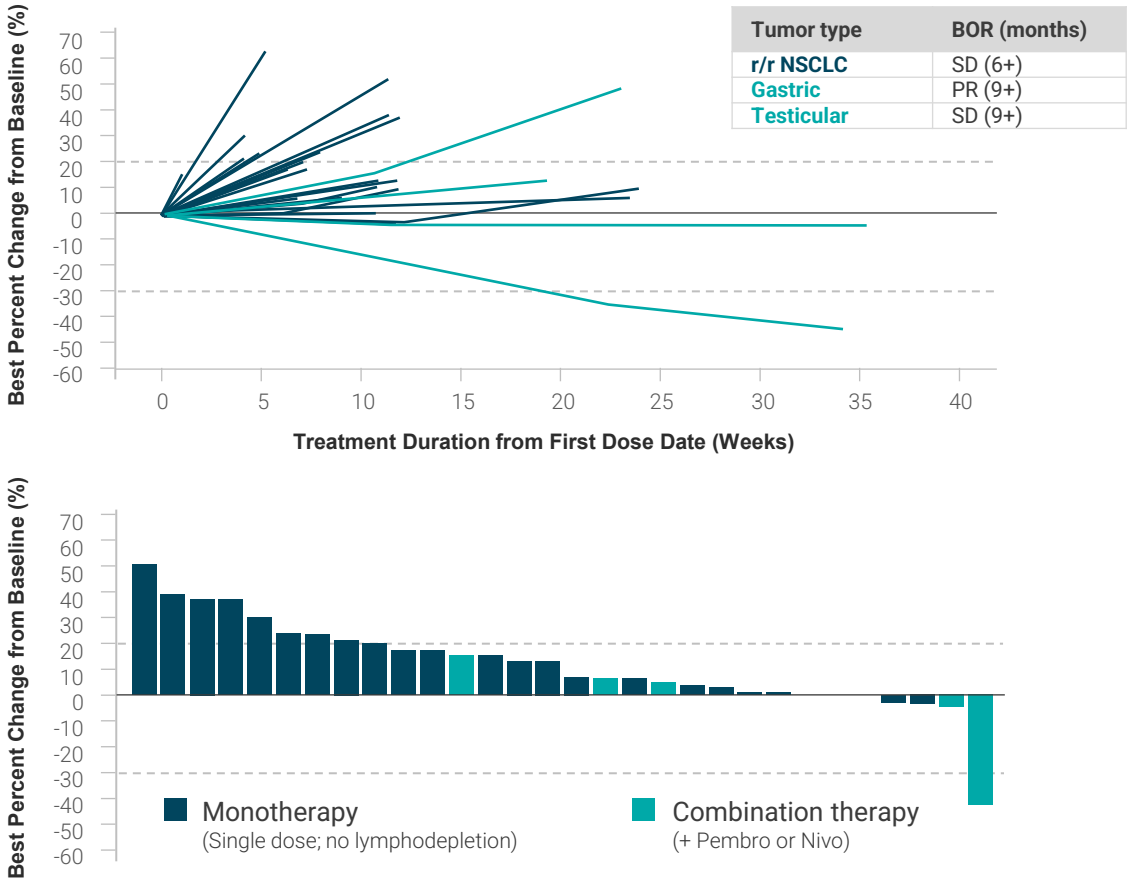
Clinical data in solid tumors

MiNK Therapeutics

AGENT-797 SHOWS RESPONSES AND DURABLE STABILIZATION

SINGLE DOSE WITHOUT LYMPHODEPLETION IN HEAVILY PRE-TREATED PATIENTS

Target Lesion Change



3L+ Solid Tumors	Monotherapy (n=28)	Combination (n=6)
BOR , n (%)		
Partial Response	0 (0%)	1 (17%)
Stable Disease	7 (25%)	3 (50%)
DCR [CR + PR + SD], n (%)	7 (25%)	4 (67%)
Median PFS (months, 95% CI)	2.3 (1.6, 3.0)	5.5 (1.8, 10.3)
Median follow-up (months)	6.0	10.3

Source: Purbhoo MA et al, SITC 2023 Poster 735
BOR: Best Overall Response

MiNK Therapeutics

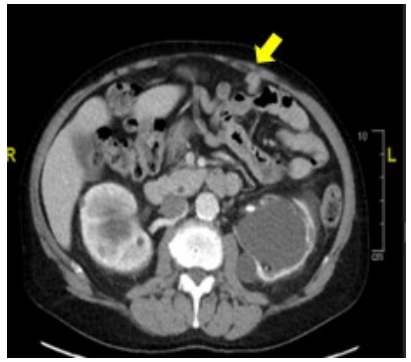
PARTIAL RESPONSE IN PD-1 REFRACTORY GASTRIC CANCER

42% TARGET LESION REDUCTION AT 9 MONTHS; RESPONSE ONGOING

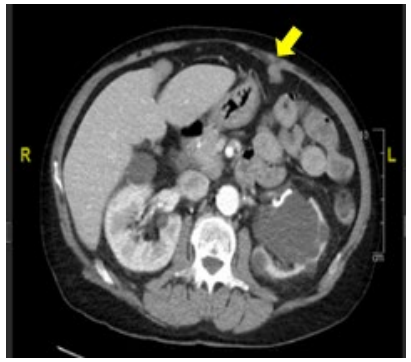
Gastric Cancer Patient

Patient Characteristics	• 75-year-old male • Failed prior PD-1 therapies	
Prior Therapies	• Pembrolizumab • FOLFOX + nivolumab + oxaliplatin	PD SD
Treatment	• Single dose of agenT-797 + nivolumab (200mg) • DL1: 4.3 x 10^6 cells/kg	
Response	• 33% target reduction at 6 months • 42% target reduction at 9 months • PFS: 10M+	

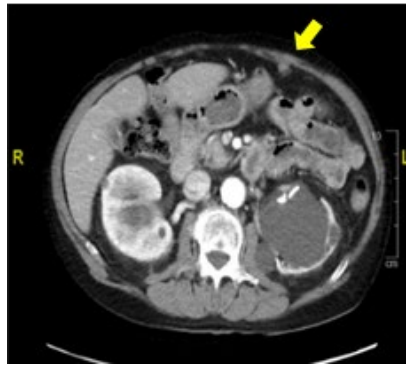
Baseline



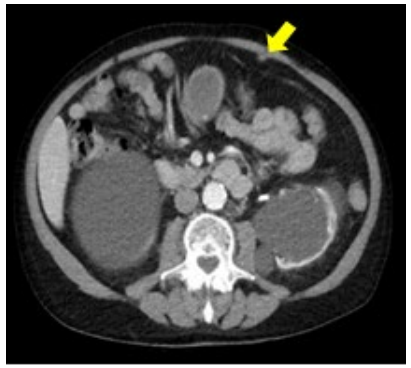
Month 3



Month 6



Month 9



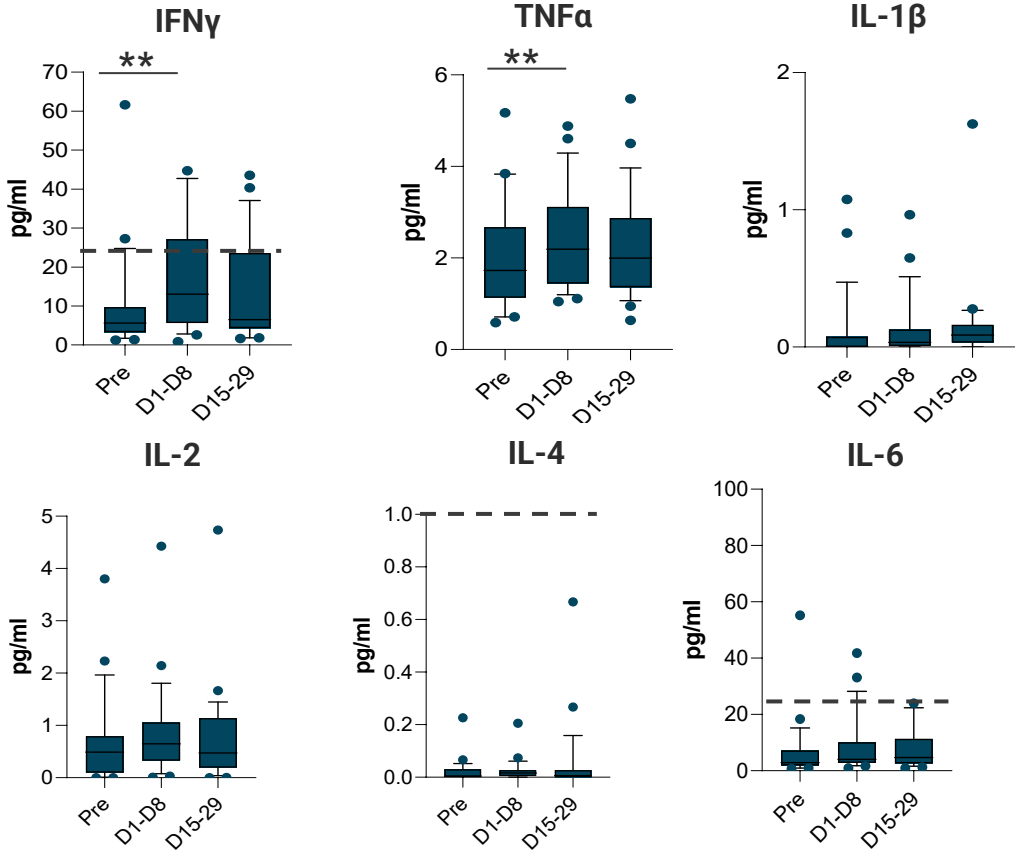
Source: Carniero BA et al, AACR 2023 Poster CT275; Hadfield MJ et al, Oncogene 2024

MiNK Therapeutics

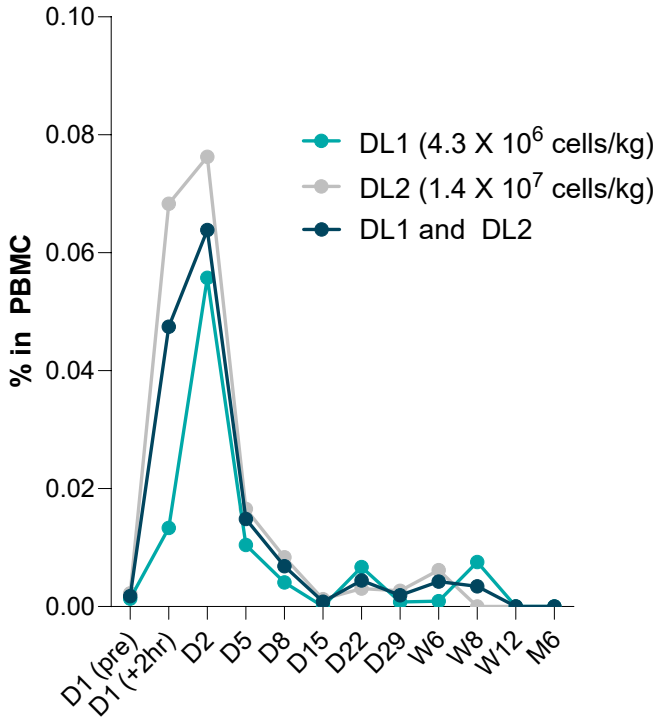
AGENT-797: PROLONGED PERIPHERAL PERSISTENCE AND TH1 CYTOKINE PROFILE

ENHANCED IFNγ AND TNFα AND UP TO 6 MONTHS PERSISTENCE

Enhanced Th1 Cytokine Profile



Long Peripheral Persistence



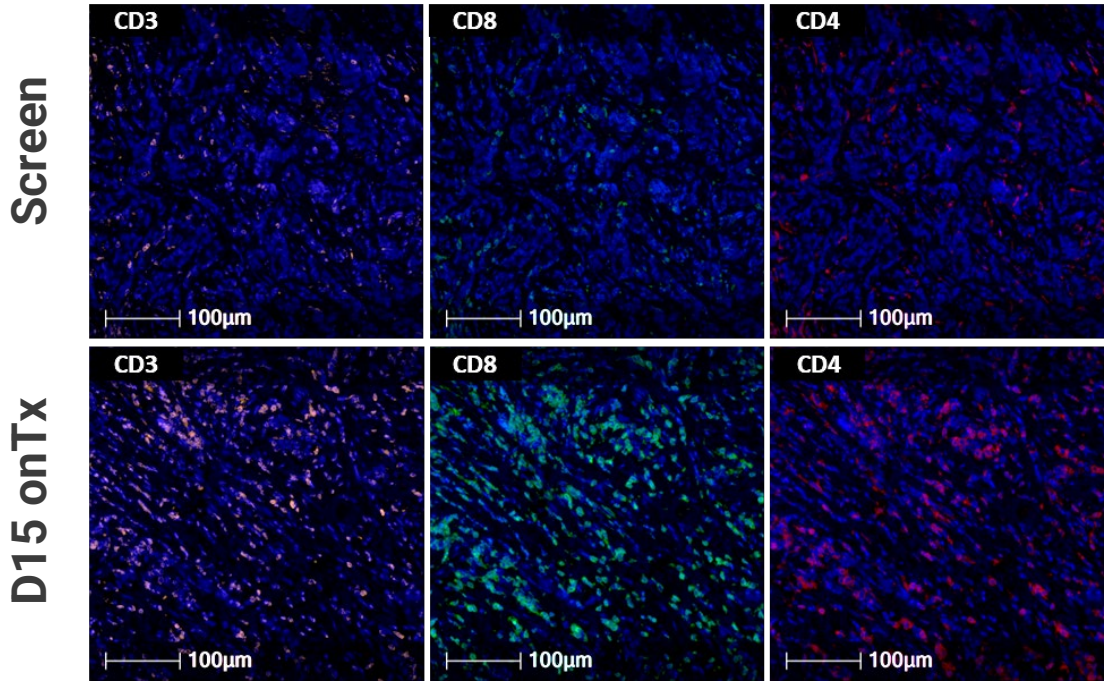
Source: Carniero BA et al, AACR 2023 Poster CT275; Purbhoo MA et al, SITC 2023 Poster 735
Dashed line indicates upper limit of cytokines in healthy people

MiNK Therapeutics

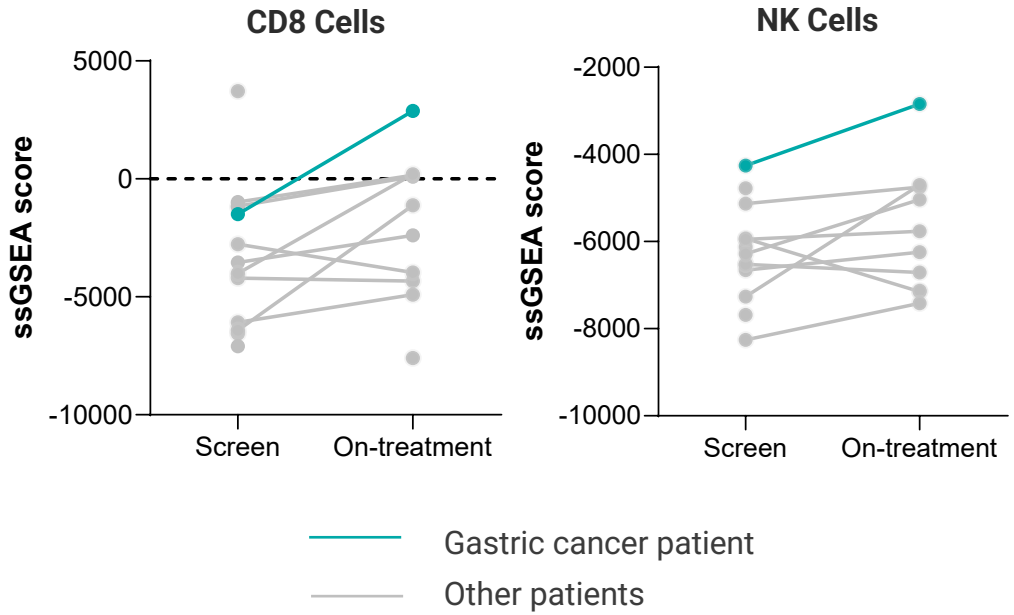
AGENT-797: PROMOTES IMMUNE CELL INFILTRATION IN TUMOR

INCREASED CD3, CD4, CD8 AND NK CELLS

Increased T Cell Infiltration (mIF)



Increased CD8 and NK cell Infiltration (RNA-Seq)



Source: Hadfield MJ et al, Oncogene 2024, Purbhoo MA et al, SITC 2023 Poster 735
ssGSEA: single sample gene set enrichment analysis from RNAseq

MiNK Therapeutics

AGENT-797 IS WELL-TOLERATED

NO DLTS AND FEW RELATED ADVERSE EVENTS

	Total	agenT-797 MonoTx		agenT-797 + anti-PD-1	
Dose level	N = 34	**DL1: 4.3 x 10^6 cells/kg** N = 8	**DL2: 1.4 x 10^7 cells/kg** N = 20	**DL1: 4.3 x 10^6 cells/kg** N = 3	**DL2: 1.4 x 10^7 cells/kg** N = 3
AE, n (%)	**32 (94)**	**8 (100)**	**18 (90)**	**3 (100)**	**3 (100)**
Any AE of grade ≥ 3	19 (56)	7 (88)	11 (55)	0	1 (33)
	3 (9)	**0**	**2 (10)**	**0**	**1 (33)**
	1 (3)	0	0	0	1 (33)
TRAE, n (%)	**9 (27)**	**3 (38)**	**2 (10)**	**2 (67)**	**2 (67)**
Any TRAE of grade ≥ 3	1 (3)	1 (13)	0	0	0
Any TRAE leading to discontinuation	0	0	0	0	0
Any TRAE leading to dose interruption	0	0	0	0	0
Any TRAE leading to death	0	0	0	0	0
TRAE by System Organ Class, n (%)					
General (Fatigue, Chills)	5 (15)	1 (13)	1 (5)	1 (33)	2 (67)
Skin (Pruritus, Odor)	2 (6)	1 (13)	0	1 (33)	0
Immune system (CRS)	1 (3)	0	1 (5)	0	0
Nervous system (Dysgeusia)	1 (3)	0	0	0	1 (33)
Psychiatric (Insomnia)	1 (3)	0	0	1 (33)	0
Respiratory (Dyspnoea)	1 (3)	0	1 (5)	0	0
Blood and lymphatic system (Anemia)	1 (3)	1 (13)	0	0	0

Source: Carniero BA et al, AACR 2023 Poster CT275

MiNK Therapeutics

MiNK-215

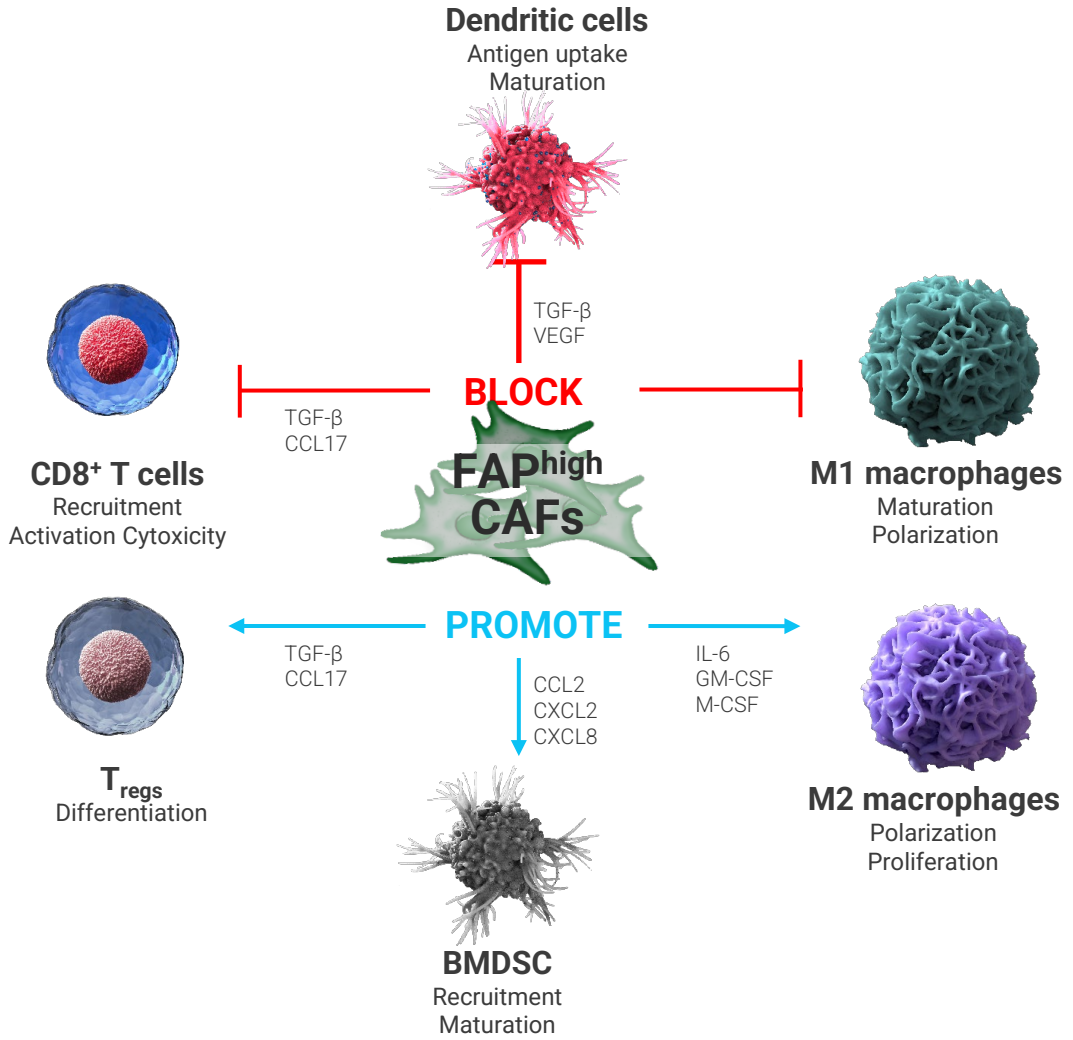
Preclinical data from Engineered FAP-CAR-iNKT cells

MiNK Therapeutics

TARGETING TUMOR-PROMOTING STROMAL CELLS IN SOLID TUMORS

FAP^{HIGH} CAFS OCCUR IN >90% OF EPITHELIAL-DERIVED TUMORS

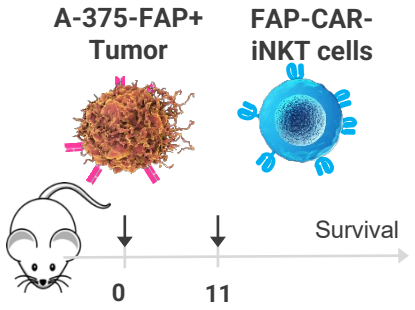
- FAP^{high} CAFs are highly immune-suppressive and tumor-promoting in the TME
- FAP^{high} CAFs secrete a variety of cytokines to modulate immune activity
- Targeting FAP^{high} CAFs may result in tumor cell death in highly stromagenic cancers without IO success



MINK FAP-CAR-INKT PROMOTES SURVIVAL IN FAP+ TUMOR-BEARING MICE

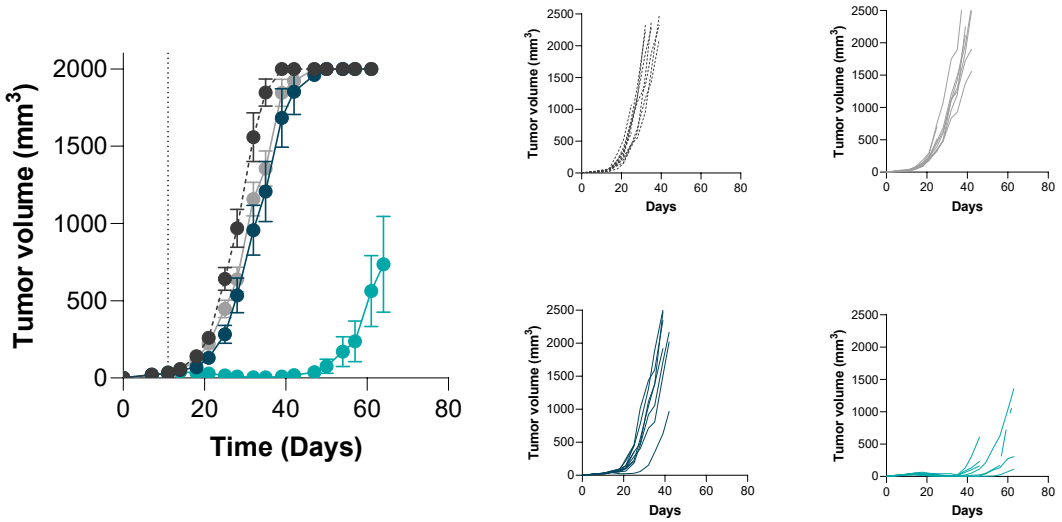
SUPERIOR ANTI-TUMOR ACTIVITY TO CLINICAL REFERENCE CAR (SIBROTUZUMAB)

A375 Melanoma Model

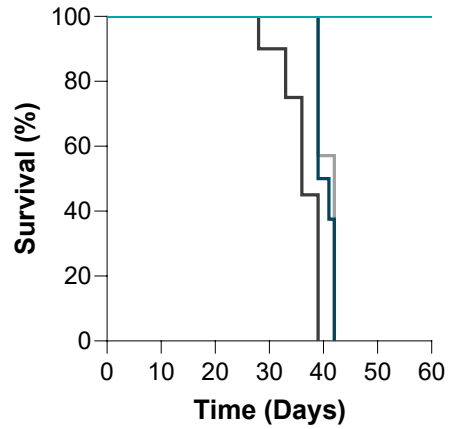


- Day 0: FAP+ A-375 tumor cells injected subcutaneously into NOG-tg (IL15) mice
- Day 11: FAP-CAR- iNKT cells administered

Improved Tumor Control



Superior Survival



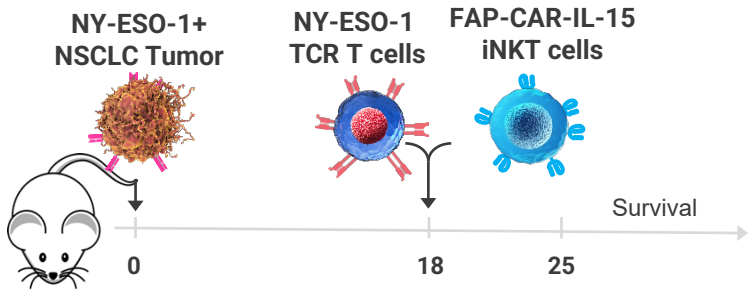
Source: Michelet X et al, SITC 2022, Poster 358
Subcutaneous FAP+ A-375 melanoma model

MiNK Therapeutics

NSCLC MOUSE ORTHOTOPIC MODEL RECAPITULATES TUMOR STROMA

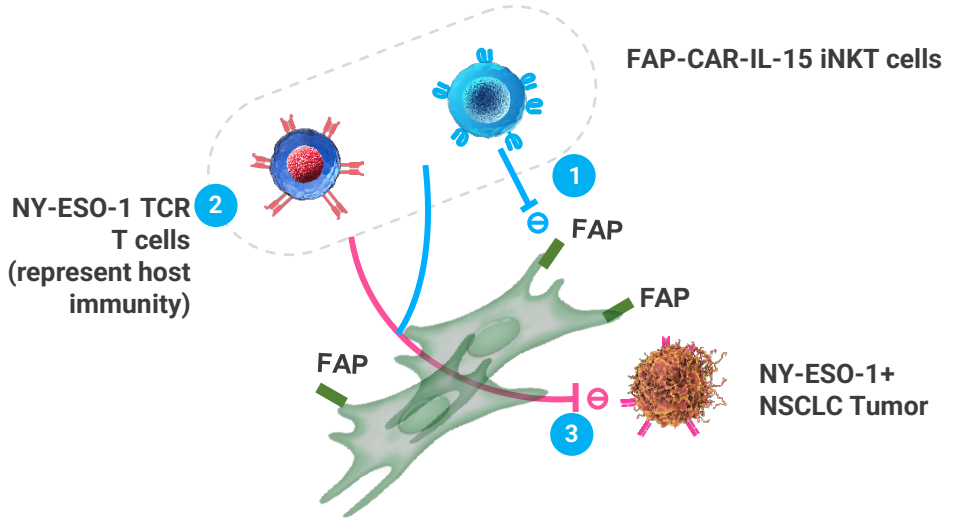
IN VIVO ASSESSMENT OF TARGETING FAP+ CAFS

Orthotopic NSCLC Model



- Day 0: A-549 tumor cells expressing NY-ESO-1 antigen injected into immunodeficient mice
- Day 18: FAP-CAR-IL-15 iNKT cells and/or NY-ESO-1 TCR T cells administered
- NY-ESO-1 TCR T cells mimic host T cells

FAP-CAR-IL-15 iNKT Mechanism of Action



1. FAP-CAR-IL-15 iNKT cells directly target and kill FAP-expressing CAFs
2. FAP-CAR-IL-15 iNKT cells recruit T cells to the tumor microenvironment
3. T cells infiltrate the tumor tissue and directly kill tumor cells

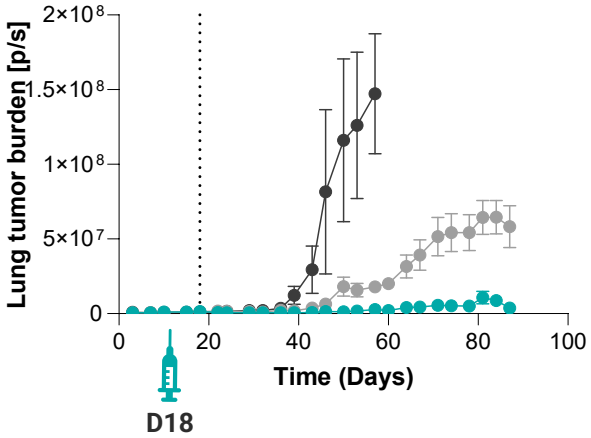
Source: Boi S et al, ASGCT 2023, Poster 1488
Orthotopic lung cancer model with A-549 expressing NY-ESO-1 antigen in immunodeficient mice

MiNK Therapeutics

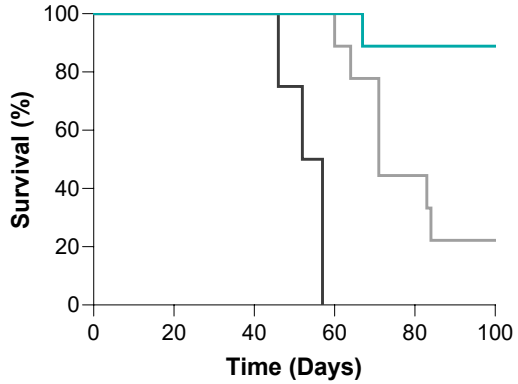
MINK-215 HALTS TUMOR GROWTH AND IMPROVES SURVIVAL IN MICE

SYNERGIZES WITH HOST T CELLS FOR ENHANCED ACTIVITY

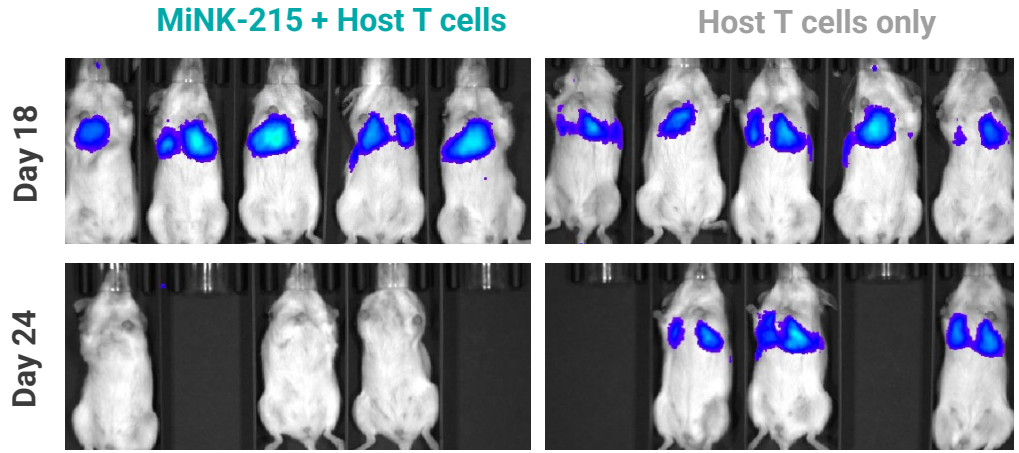
Reduced Tumor Burden



Improved Survival



Superior Tumor Clearance



Untreated Host T cells only MiNK-215 + Host T cells

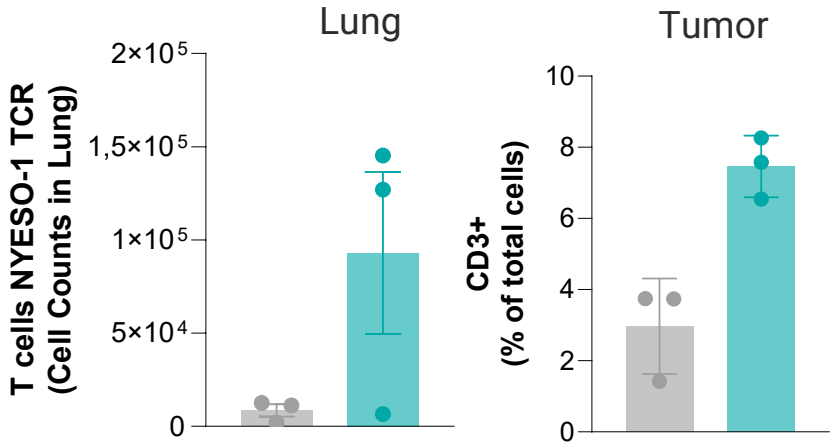
Source: Boi S et al, ASGCT 2023, Poster 1488
Orthotopic lung cancer model with A-549 expressing NY-ESO-1 antigen in immunodeficient mice

MiNK Therapeutics

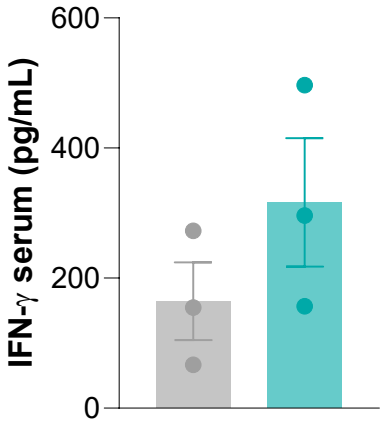
MINK-215 PROMOTES T CELL INFILTRATION & CYTOKINE SECRETION

DECREASES FAP EXPRESSION IN TUMOR STROMA

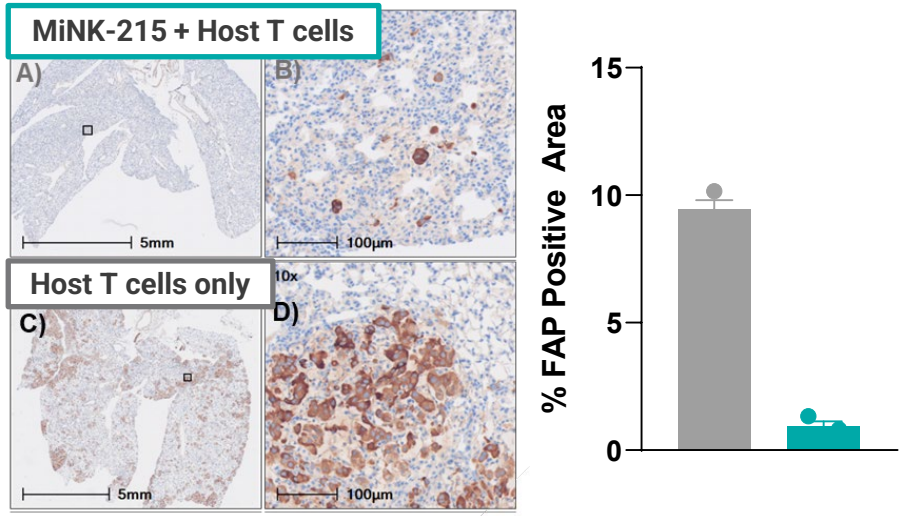
Increased T Cell Infiltration



Enhanced Cytokine Secretion



Reduction in FAP+ CAFs



Host T cells only MiNK-215 + Host T cells

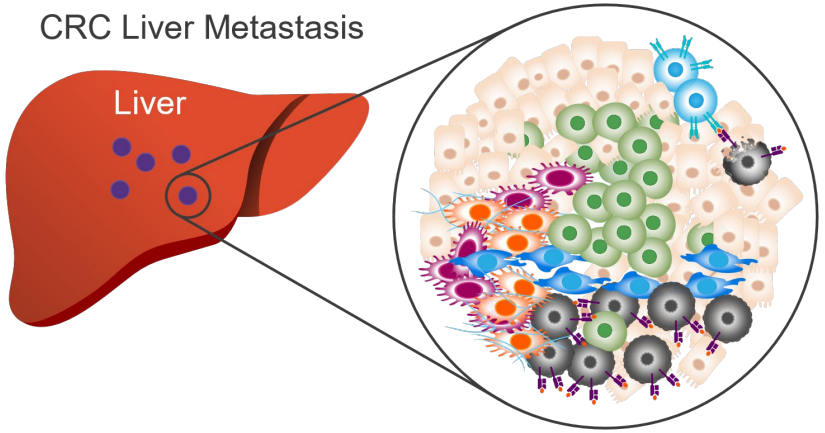
Source: Boi S et al, ASGCT 2023, Poster 1488, Boi S et al, CICON 2023, Poster
Orthotopic lung cancer model with A-549 expressing NY-ESO-1 antigen in immunodeficient mice

MiNK Therapeutics

CRC LIVER MET ORGANOIDS RECAPITULATE FAP EXPRESSION

MIMICS HUMAN METASTATIC LESIONS REFRACTORY TO IMMUNE CHECKPOINT BLOCKADE

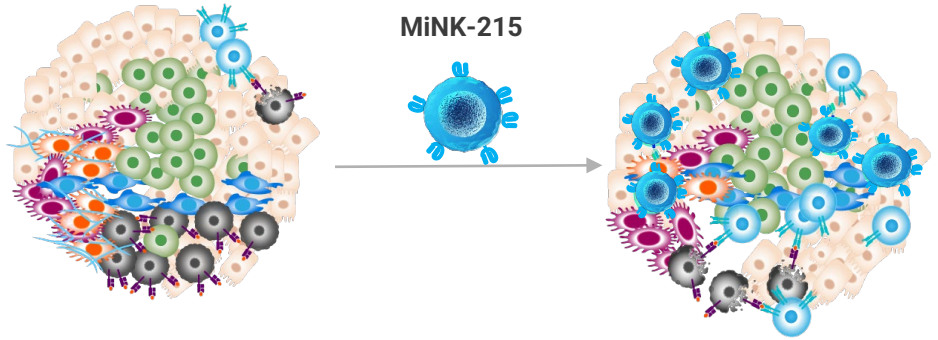
CRC Liver Metastasis Organoid Model



- CRC cell (1.6%)
- PBMCs (19.5%)
- TAA TCR T cell (0.7%)
- Hepatocyte (70.4%)
- Kupffer cell
- FAP+ ECM secreting-Stellate cells
- Sinusoidal Endothlial cell

(7.8%)

MiNK-215 Mechanism of Action



- ↓ FAP, CXCL12
- ↑ CX3CL1, CXCL9, CCL3
- ↑ sCD137, CD40L
- ↑ IFNG, GZMB, sFASL

- FAP-CAR-IL-15 iNKT cells directly target and kill FAP-expressing CAFs
- FAP-CAR-IL-15 iNKT cells increase chemokines (CX3CL1, CXCL9, CCL3) associated with infiltration of T cells in the tumor microenvironment
- FAP-CAR-IL-15 iNKT cells enhance T cell activation (sCD137, CD40L) and cytotoxic function (IFNγ, GZMB, sFASL)

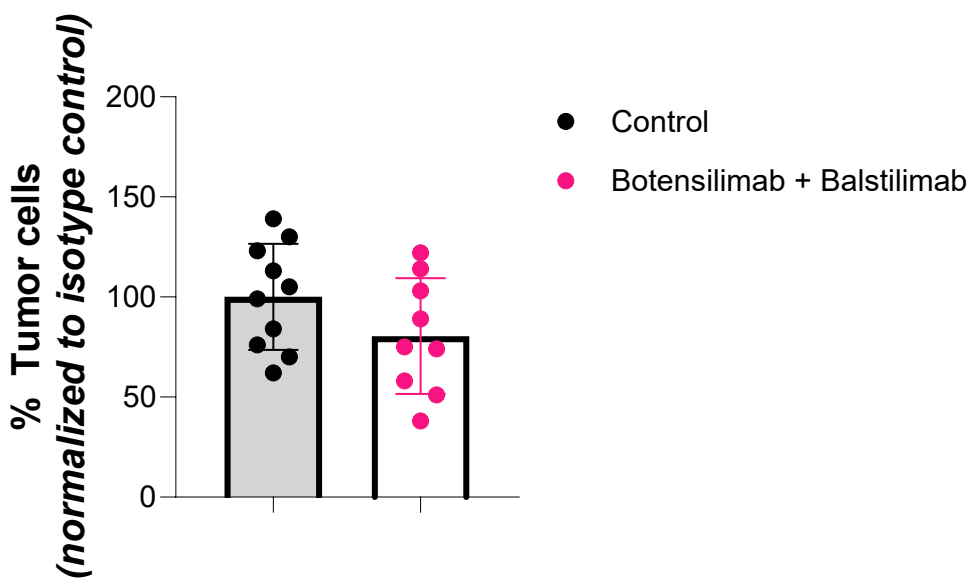
Source: Krishnan S et al, AACR 2024

MiNK Therapeutics

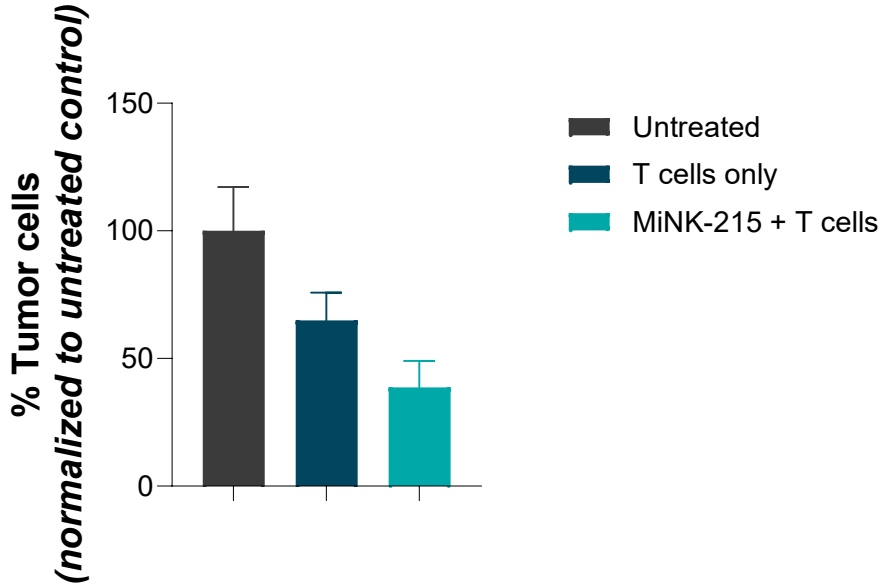
MINK-215 OVERCOMES LIMITATIONS OF PD-1/CTLA-4 BLOCKADE

PROMISING APPROACH FOR TREATMENT OF CRC-LIVER METASTASES

CRC Liver Metastasis Organoids are Refractory to Immune Checkpoint Blockade



MiNK-215 Enhances Tumor Killing in Organoids



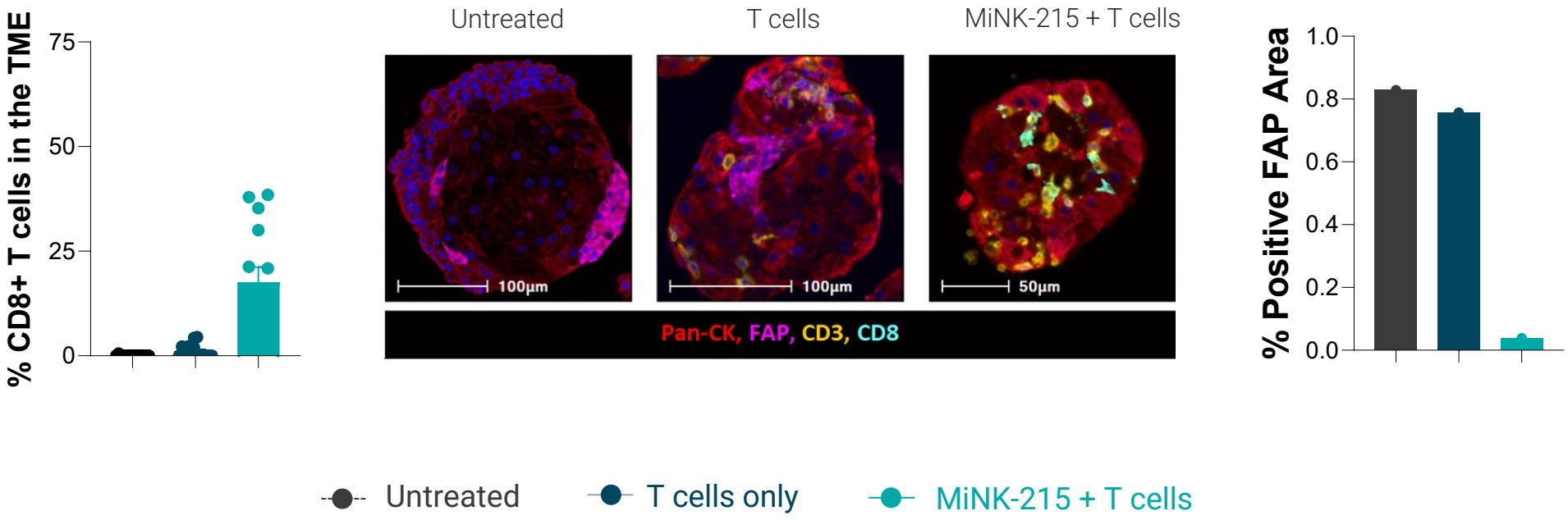
Source: Krishnan S et al, AACR 2024
Agenus Inc, therapeutic candidates botensilimab (BOT, anti-CTLA-4) and balstilimab (BAL, anti-PD-1)

MiNK Therapeutics

MINK-215 OVERCOMES IMMUNE SUPPRESSION IN ORGANOIDS

HIGH T CELL INFILTRATION AND FAP+ CELL KILLING IN REFRACTORY 3D TUMOR MODEL

Increased CD8+ Infiltration and Reduced FAP expression



Source: Krishnan S et al, AACR 2024

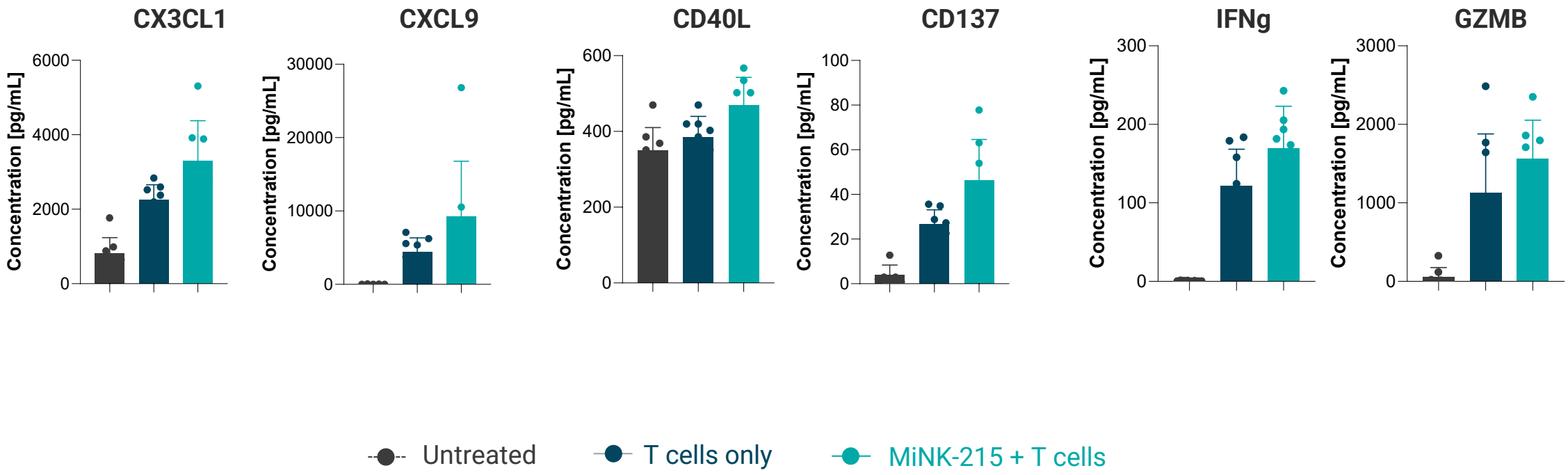
MiNK Therapeutics

MINK-215 PROMOTES T CELL TRAFFICKING, ACTIVATION AND EFFECTOR FUNCTION

Increased T Cell Infiltration

Enhanced T Cell Activation

Increased Th1 Cytokines



Source: Krishnan S et al, AACR 2024

MiNK Therapeutics

Summary & Milestones

MiNK Therapeutics

MINK IS PIONEERING ALLOGENEIC INKT CELL THERAPIES FOR ONCOLOGY

iNKTs Bridge Adaptive and Innate Immunity

Directly attack tumor cells, recruit host immunity, reshape tumor microenvironment

Broad Therapeutic capability

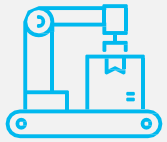
Opportunities in oncology and immune-mediated diseases

Clinical Proof-of-Concept

3 Phase 1 trials show tolerability and immune-modulating activity

Proprietary Cell Engineering

Platform for discovery of CARs, TCRs, and bispecific engagers



Proprietary Manufacturing at Scale

Efficient isolation process from healthy donors can generate >5,000 doses per donor

Access to Validated Immuno-oncology Therapies

Access to Agenus' immuno-oncology antibodies for combinations

MiNK Therapeutics

NEAR TERM-MILESTONES

	2023		2024		
agenT-797 Native iNKT	Initial clinical and persistence readout in solid tumors	Initiate Phase 2 in 2L gastric cancer	Launch Phase 2 in viral ARDS (externally funded)	Preliminary data readout for 2L Gastric cancer	Launch Phase 1/2 combination studies with BOT/BAL in solid tumors
MiNK - 215 FAP-CAR	Proof-of concept in vivo studies in solid tumor model	Analytical and Process Development activities	IND-enabling studies	Universal Donor selection for Drug Product	Planned IND Filing
MiNK - 413 BCMA-CAR	Proof-of concept studies in multiple myeloma model		Explore strategic partnering in oncology and non-oncology indications		

MiNK Therapeutics