

NASDAQ: IBRX

Overview Presentation

October 2022



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MISSION: Innate and Adaptive Immune Memory

Goal: Durable Complete Remission & Prevention of Cancer and Infectious Diseases Induce Memory NK, T & B Cells

PLATFORMS: NK, T and B Cells Activators

DAMP Inducers	DNA Vaccine	RNA Vaccine	Recombinant & Cytokines	Toll Receptor Activators	NK Cell Therapy
 Albumin Bound Chemo Modulators Tumor Associated Antigen Regulators 	hAd5 Adenovirus	Self Amplifying RNA (saRNA)	 NK & T Cell Activators Subunit Protein Antigens 	• TLR 4, 7, 8, 9	 NK-92 Memory Cytokine NK MSC

PRODUCT CANDIDATES:

Clinical Development From Each Platform

DAMP Inducers	DNA Vaccine	RNA Vaccine	Recombinant & Cytokine	Toll Receptor Activators	NK Cell Therapy
AldoxorubicinNanatinostat	 hAd5 MUC1 / Brachyury / CEA hAd5 PSA hAd5 E6 / E7 (HPV) hAd5 Spike + Nucleocapsid 	 saRNA S saRNA S+N 	 N-803 (Anktiva), IL-15 Fusion Protein Yeast Produced Recombinant RBD 	• 3M-052 • GLA • SLA • Squalene	 haNK PD-L1 t-haNK CD19 t-haNK HER2 t-haNK m-ceNK

CLINICAL INDICATIONS: Selected Clinical Trials Under Development Per Product

Lung Cancer Glioblastoma	N-803 + PD-L1 t-haNK + Aldoxorubicin N-803 N-803 + PD-L1 t-haNK + Aldoxorubicin hAd5 S+N, saRNA S, saRNA S+N
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Select Active Clinical Trials in Oncology

August 2022

Solid Tumors	Phase	Target Indication		Preclinical	Phase I	Phase II	Phase III	
	2	BCG Unresponsive NMIBC CIS (Cohort A)PDUFQUILT 3.032May 23	A Date 3, 2023	Single Arm, NMIB	C - Breakthrough	& Fast Track		NCT03022825
Bladder	2	BCG Unresponsive NMIBC Papillary (Cohort B) QUILT 3.032		Single Arm, NMIB	C - Fast Track			NCT03022825
	3	BCG Naïve – QUILT 2.005		Randomized, Pha	se 3, NMIBC			NCT02138734
	3	2L Non-Small Cell Lung Cancer (NSCLC) Checkpoint Relapsed and Refractory, LungMAP – S1800D (SWOG)		Randomized Phas	se 3, 2L Lung			NCT05096663
Lung	3	1L Squamous & Non-Squamous Non-Small Cell Lung Cancer Checkpoint Alone QUILT-2.023		Randomized Phas	se 3, 1L Lung Chen	no / Chemo Free		NCT03520686
	2	2L / 3L Non Small Cell Lung Cancer (NSCLC) Basket Trial Checkpoint Relapsed and Refractory QUILT-3.055		Multi-Arm, Phase	2, 2L & 3L			NCT03228667
	2	3L Metastatic Pancreatic Cancer QUILT-88 (Cohort C)		Single Arm, Phase	e 2 Pancreas			NCT04390399
Pancreatic	2	2L Metastatic Pancreatic Cancer QUILT-88 (Cohort B)		Randomized, Pha	se 2, 2L Pancreas			NCT04390399
	2/3	1L Metastatic Pancreatic Cancer QUILT-88 (Cohort A)		Randomized, Pha	se 2 / 3, 1L Pancre	as		NCT04390399
Glioblastoma	1/2	Recurrent Glioblastoma		Randomized, Plar	ned Phase 1/2, Gli	oblastoma		Pending
HPV	1	Human Papilloma Virus (HPV) – Anal, Cervical, Head & Neck		Single Arm, Plann	ed Phase 1/2			Pending
Solid Tumors	1	Advanced Solid Tumors, M-ceNK – QUILT-3.076		Single Arm, Phase	e 1			NCT04898543

NMIBC – Non-Muscle Invasive Bladder Cancer, NCI – National Cancer Institute, QUILT – QUantitative Integrated Lifelong Trial, SWOG - Southwest Oncology Group, M-ceNK – Memory-Like Cytokine Enhanced Natural Killer



Select Clinical Trials in Infectious Diseases

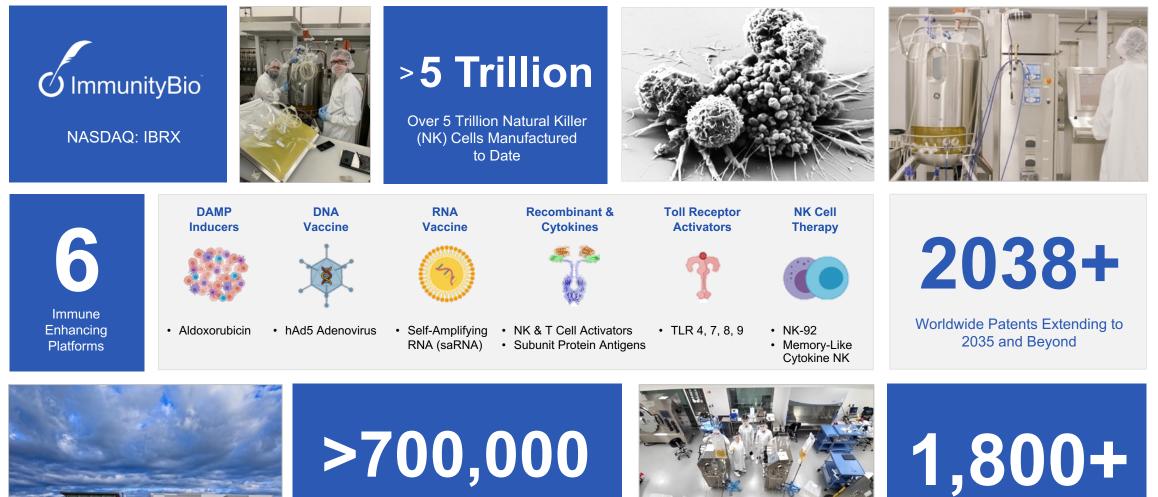
August 2022

Infectious	Phase	Target Indication	Preclinical	Phase I	Phase II	Phase III	
	1	ACTG / NIAID: HIV Broadly Neutralizing Antibodies	Single Arm, Phase 1,	HIV			NCT04340596
HIV	2	Thai Red Cross & Walter Reed Army Institute of Research Reducing HIV Persistence by IL-15	Randomized, Phase 2	2, HIV			NCT04505501
	1	National Institute of Allergy and Infectious Diseases (NIAID) / University of Minnesota Effect of N-803 on B Cell Follicles in Antiretroviral Treated HIV Disease	Single Arm, Phase 1,	HIV			NCT04808908
	1	Homologous: hAd5 S + N Platform, Prime & Boost in USA COVID-4.001 Cohort 1 & 2 (Subcutaneous: SC)	Single Arm, Phase 1				NCT04591717
	1	Homologous: hAd5 S + N Platform, Prime & Boost in USA COVID-4.005 Cohort 1 & 2 (SC + Oral)	Single Arm, Phase 1				NCT04732468
COVID-19	1	Homologous: 'The ProVIVA-SA1' Trial in South Africa COVID-4.007 hAd5 S + N Platform, Prime & Boost (Cohort 1, 2, 3 & 6)	Single Arm, Phase 1				NCT04710303
COMP-19	1/2/3	Heterologous Mix & Match: 'SISONKE Universal Boost T Cell Trial' in COVID-4.010 South Africa Ad26 (Prime) + hAd5 S+N (Boost)	Multi-Arm Randomize	ed Study, Phase 1, 2, 3			
	1/2	Boost: Self Amplifying RNA (saRNA) Nanostructured Lipid Carrier (NLC) COVID-4.015 THEMBA 2 South Africa, saRNA Alone (Enrolling) COVID-4.016 THEMBA 3 United States (Hoag), saRNA Alone (Pending)	Single Arm, Phase 1				
	1/2/3	Boost: PULA Trial in Botswana (Pending) COVID-4.014 RBD Subunit Protein + 3M-052-Alum	Single Arm, Phase 1				

hAd5 - Human Adenovirus 5, saRNA - Self Amplifying RNA, SC - Subcutaneous, RBD - Receptor Binding Domain

ImmunityBio: A Leading Immunotherapy Company

June 2022



Square Feet of Manufacturing R&D, Office and Corporate Facilities



10/25/22

Patients Studied



Orchestrating the Immune System First-in-Class Comprehensive Platforms



NK + T Cells

 IL-15 Fusion Proteins Anktiva



Natural Killer Cells

- NK-92 Off-the-Shelf
- Autologous m-ceNK
- iNKT Cells



Memory B & T Cells

- Adenovirus
- Subunit Proteins
- Toll Receptor Activators
- saRNA

Late-Stage U.S. Clinical Trial Updates:

- Bladder Cancer
- Pancreatic Cancer
- Head & Neck Cancer
- Lung Cancer
- HIV
- COVID Vaccine

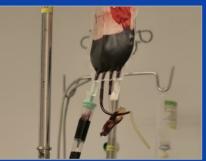


Orchestrating the Immune System First-in-Class Comprehensive Platforms



NK + T Cells

 IL-15 Fusion Proteins Anktiva



Natural Killer Cells

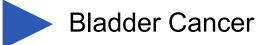
- NK-92 Off-the-Shelf
- Autologous m-ceNK
- iNKT Cells



Memory B & T Cells

- Adenovirus
- Subunit Proteins
- Toll Receptor Activators
- saRNA

Late-Stage U.S. Clinical Trial Updates:



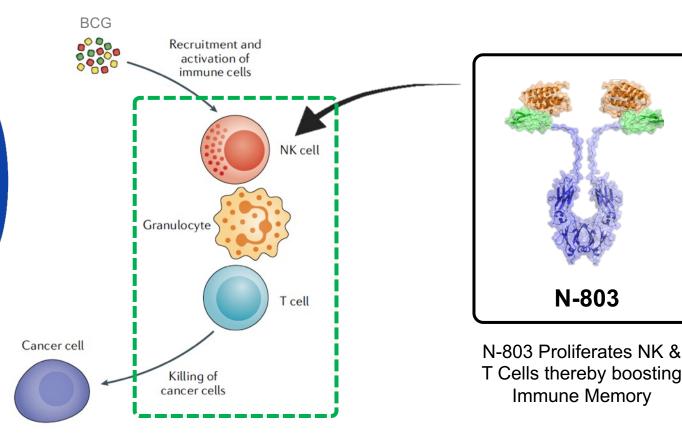
- Pancreatic Cancer
- Head & Neck Cancer
- Lung Cancer
- HIV
- COVID Vaccine



"Trained immunity or innate immune memory enables innate immune cells to mount a more robust response to secondary non-related stimuli [N-803, the boost] after being initially primed (or trained) by a challenge such as BCG."

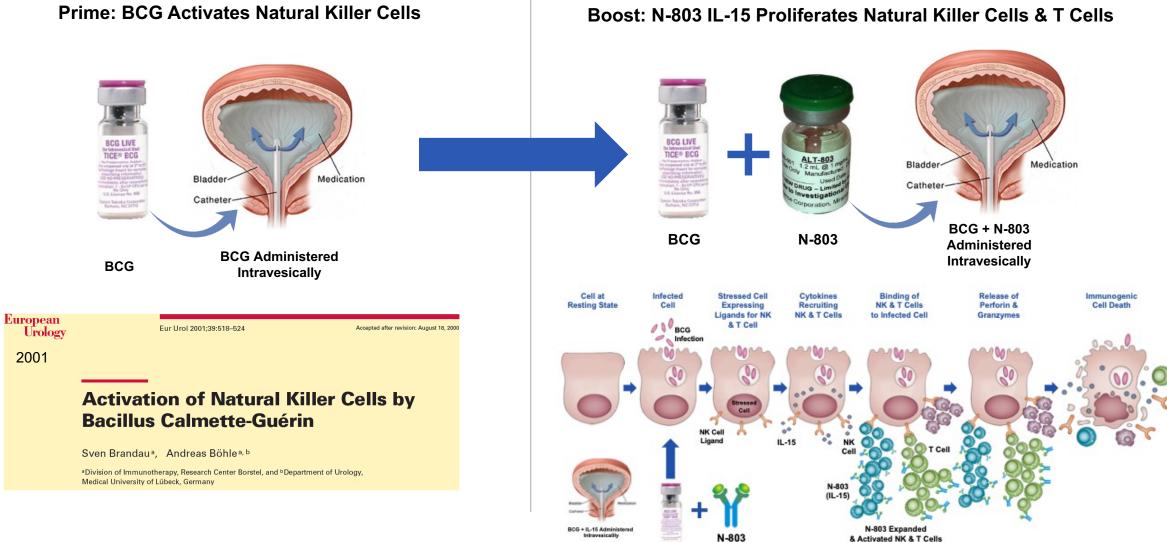
Jelmer H. van Puffelen et al. Nature Reviews 2020

N-803, an IL-15 Superagonist, Proliferates and Activates NK & T Cells, Providing the Secondary Stimulus (The Boost) to Trained Innate Immune Memory of BCG (The Prime)



QUILT-3.032: NMIBC Trial Rationale

N-803 Synergistic with BCG: Enhances Proliferation of NK and T Cells



10/25/22

& Activated NK & T Cells

Phase 1: NMIBC – Complete Response in 9 of 9 Subjects

With Durable 24 Month Response When N-803 is Combined with BCG (Trained Innate Immune Memory)

Phase I (N=9) A Study of Intravesical BCG in Combination With N-803 in Patients With Non-Muscle Invasive Bladder Cancer

N-803 + BCG Inducing 24-Month Durable Response

Durable Complete Responses (CR) or No Recurrence (NR) in 9 out of 9 Patients

Phase I

NCT02138734

QUILT 2.005

Dose					Respon	seAsses	ssments			
(intravesicular instillation)	Patient	Stage	W12	6M	9M	12M	15M	18M	21M	24M
	1	Pap T1	CR*	CR	CR	CR	CR	CR	CR	CR
100 µg	2	Рар Та	CR*	CR	CR	CR	CR	CR	CR	CR
	3	Pap T1	CR*	CR	CR	CR	CR	CR	CR	CR
	4	Pap T1	IC	CR*	CR	CR	CR	CR	CR	CR
200 µg	5	CIS	IC	IC	IC	CR	CR	CR	CR	CR
	6	Pap T1	CR*	CR	CR	CR	CR	CR	CR	CR
	7	Pap T1	CR*	CR	CR	CR	CR	CR	CR	CR
400 µg	8	CIS	CR*	CR	CR	CR	CR	CR	CR	CR**
	9	Рар Та	CR*	CR	CR	CR	CR	CR	CR	CR

9 of 9 (100%) Patients Disease-Free at 24 Months

BCG naïve alone (SoC): Historical response rate is 55-75% at 3-6 months post BCG alone Based on this data, FDA granted Fast Track Designation to the Pivotal Trial *CR termed as No Recurrence (NR) in Papillary Disease **Negative Cystoscopy Inconclusive Cytology IC: Inconclusive Cystoscopy

ORCIMMMUMULUST 2021, VOL. D. NO. 1, e1912885 (7 pages) https://doi.org/10.1080/2162402X.2021.1912885	Taylor & Francis Taylor & Francis
ORIGINAL RESEARCH	🔕 OPEN ACCESS 🧶 Ghock for updates

Safety, Tolerability, and Long-Term Clinical Outcomes of an IL-15 analogue (N-803) Admixed with Bacillus Calmette-Guérin (BCG) for the Treatment of Bladder Cancer

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ABSTRACT

ONC

Intravesical BCG is active against non-muscle invasive bladder cancer (NMIBC), but bladder cancer will recur and even progress in a significant number of patients. To improve the response rate, N-803, an IL-15 superagonist was administered in combination with BCG. To evaluate the safety and efficacy associated with the use of intravesical N-803 and BCG in patients with BCG-naïve NMIBC. This phase 1b clinical trial used a 3 + 3 dose-escalation design. Participants were enrolled from July 2014 and July 2015, with followup and analyses through January 15, 2021. Eligibility criteria included histologically confirmed non-muscle invasive urothelial carcinoma of intermediate or high risk who had not received prior treatment with intravesical BCG (ie, BCG-naïve). All 9 participants met the eligibility criteria, received treatment according to the protocol, and were included in all analyses. Treatment was done once weekly for 6 consecutive weeks with bladder infusion of the standard dose of BCG, 50 mg/instillation, in combination with increasing doses of N-803 (100, 200, or 400 µg N-803 per instillation). No DLTs were noted in any of the dose cohorts. All adverse events (AEs) were manageable and less than grade 3. During the 2-year followup, all 9 participants were disease free. Furthermore, 6 y after treatment, all 9 participants (100%) were disease free with no evidence of disease progression and an intact bladder. This phase 1b trial found the combination of intravesical N-803 and BCG to be associated with modest toxic effects, low immunogenicity, and substantial prolonged antitumoral activity; phase 2 trials are in progress.

ARTICLE HISTORY

Received 3 March 2021 Revised 31 March 2021 Accepted 31 March 2021

KEYWORDS Non-muscle invasive bladder cancer: IL15: BCG

Taylor & Francis

https://doi.org/10.1080/2162402X.2021.1912885

Clinically Meaningful Efficacy Results in Responders Cohort A (CIS)

	Responder Population (N = 58)	QUILT-3.032
Complete Response	Complete Response (n)	58 / 82
	CR Rate (95% CI)	71% (59.6, 80.3)
Duration of Dooponoo	Median Duration of Response in Months (95% CI)	26.6 (9.9, NR)
Duration of Response	Duration of Response >=24 Months per KM	53% (38.0, 66.2)
Progression Free Survival	gression Free Survival Bladder Cancer Specific Progression Free Survival >= 24 Months per KM	
Cystectomy Avoidance	Cystectomy Avoidance Rate in Responders	91% (53 / 58)
	Cystectomy Rate in Responders	9% (5 / 58)
	Cystectomy Rate in All Patients	16% (13/82)
Safety Profile	Treatment Related SAEs	1%
	Immune Related SAEs	0%
2022 ASCO	Treatment Related Grade 4 or 5 AEs	0%

Data Presented ASCO June 2022 by Dr. Karim Chamie

ANNUAL MEETING

QUILT 3032 26.6 Month Durable Complete Remission in CIS (Cohort A)

100 Duration of CR ≥ 12 months 61.6% (95%Cl 47.3, 73.1) Patients with Complete Response (%) Median Duration of CR = 26.6 months (95% CI 9.9, Not Reached) Median Duration of CR 80 26.6 Months 60 40 Ongoing Response, Still on Study Duration of $CR \ge 12$ months Median Duration of CR 20 21 / 58 (36%) (26.6 months) 0 12 15 24 27 30 9 21 0 3 6 18 At time of first CR 2022 AS Time After First CR (months) Kaplan-Meier Estimate \times Censored ΑΝΝΙΙΑΙ

Duration of Complete Response

Data Presented ASCO June 2022 by Dr. Karim Chamie

QUILT 3032 Compared to KEYNOTE-057 in NMIBC BCG Unresponsive CIS Disease

Primary Endpoint: Efficacy

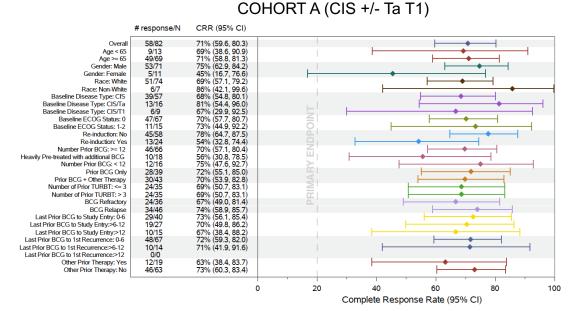
Study	N-803 + BCG QUILT-3.032		Pembrolizumab (Balar 2021, ODA)	
STUDY DESIGN	Pivotal phase 2/3 open-label		Phase 2 open-labe (KEYNOTE-057)	
Overall Efficacy Population	82		96	
Median Duration of Follow-up (months)	23.9		24.1	
COMPLETE RESPONSE (CR)				
CR Rate at Anytime				
CR Rate	71%		41%	Γ
CR Rate 95% CI	(59.6, 80.3)		(31, 52)	Γ
CR Rate in US Population % (n)				
CR Rate, United States Population	71% (58/82) (95% CI: 59.6, 80.3)		29% (10/34) (95% CI: 15.1, 47.5	5)
CR Rate, International	No Internationally Enrolled Subjects		47% (29/62) (95% CI: 34.0, 59.9)	
CR Rate in High Risk Disease State % (n)				
CIS/HG Ta at baseline	81% (13/16) (95% CI: 54.4, 96.0)	T	29% (7/24) (95% CI: 12.6, 51.1	1)
CIS/T1 at baseline	67% (6/9) (95% CI: 29.9, 92.5)	T	42% (5/12) (95% CI: 15.2, 72.3	3)

Primary Endpoint: 30% CR rate with the lower bound 95% confidence interval at \ge 20%

Lower bound 95% CI of QUILT 3032 > Upper bound 95% CI of KEYNOTE-057

CR Rate of US Population Differs

Further evidence of a clinically meaningful difference in efficacy across multiple subgroups favoring N-803 plus BCG



2022 ASCO[®] ANNUAL MEETING ADVANCING EQUITABLE CANCER CARE THROUGH INNOVATION

Data Presented ASCO June 2022 by Dr. Karim Chamie

10/25/22

QUILT 3032 Compared to KEYNOTE-057 in NMIBC BCG Unresponsive CIS Disease

Cystectomy Avoidance

Study		N-803 + BCG QUILT-3.032	Pembrolizumab (Balar 2021, ODAC)
STUDY DESIGN		Pivotal phase 2/3 open-label	Phase 2 open-label (KEYNOTE-057)
Overall Efficacy Population	on	82	96
CYSTECTOMY AVOID	ANCE		
©OMPLETE BESRONSI	E ((GR)		
CK Ratetam A Ratione		13 (15.8%)	40 (41.6%)
CRsRattomy Avoidance, 1	No Cystectomy	697(184%)	564(15%8%)
CRsRatto 95% or Non-Resp	onders	8 / 24 (33%)	29 / 57 (51%)
CK Pratetim VSAPtop Islatid	CK (n)	5 / 58 (9%)	11 / 39 (28%)
CR Rate, United States P	op 내ngher cystectomy rat	71% (58/82) e in KEYNOJE (58/82)	29% (10/34) (95% CI: 15.1, 47.5)
KEYNOTE-057: CR Rate, International QUILT 3032:	42% subjects overall po VS 16% subjects overall po	pulation and 28% subject No Internationally Enrolled Subjects	cts in responders (29/62) (95% CI: 34.0, 59.9)
CR Rate in High Risk Dis		2022 by Dr. Karim Chamie	
CIS/HG Ta at baseline		81% (13/16)	29% (7/24)



Oral Presentation

10/25/22

15

related AEs

QUILT 303^{Treatment-related serious immune related} E-057 in NMIBC BCG Unresponsive CIS Disease

	Hypothyroidism	0%	8.0%	
	Hyperthyroidism Safety: In	mmune Related AEs	5.0%	
	Pneumonitis Study Adrenal insufficiency	0% N-803 + BCG QUII0%3.032	3.0% Pembrolizumab (Bala02021)	
	Studytelesign	Pivotal phase ⁰ ² /3 open-label	Phase 2.09 ¢n-label (KEYNOTE-057)	
	Hepatitis Safety population	0% 171	1.0% 101	
	Hypophysitis Any adverse immune-mediated events	0% 4.1% ^a	1.0% 22%	2022 ASCO [°]
n	Nephritis Treatment-related grade 3-5 immune- Type I diabetes mellitus related ALS	0%	1.0%	ANNUAL MEETING advancing equitable cancer care through innovation
	Severe skin reaction Treatment-related serious immune-related Auseitis	0% 8%	1.0% 1:8%	
	StevpidhTreatment for Immune Mediated Adverse Events (n) Hyperthyroidism	08%	8.9%	
		0%	<u>5.0%</u> 3.0%	
	Pneumonitis N-803 + BCG Well Tolerated wirk 			
	•ColRisembrolizumab with Systemic I			
	Hepatitis	0%	1.0%	
	Hypophysitis Data Presented	ASCO June 20220% Dr. Karim Chamie	1.0%	16

Oral Presentation

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Orchestrating the Immune System First-in-Class Comprehensive Platforms



NK + T CellsIL-15 Fusion Proteins



Natural Killer Cells

- NK-92 Off-the-Shelf
- Autologous m-ceNK
- iNKT Cells



Memory B & T Cells

- Adenovirus
- Subunit Proteins
- Toll Receptor Activators
- saRNA

Late-Stage U.S. Clinical Trial Updates:

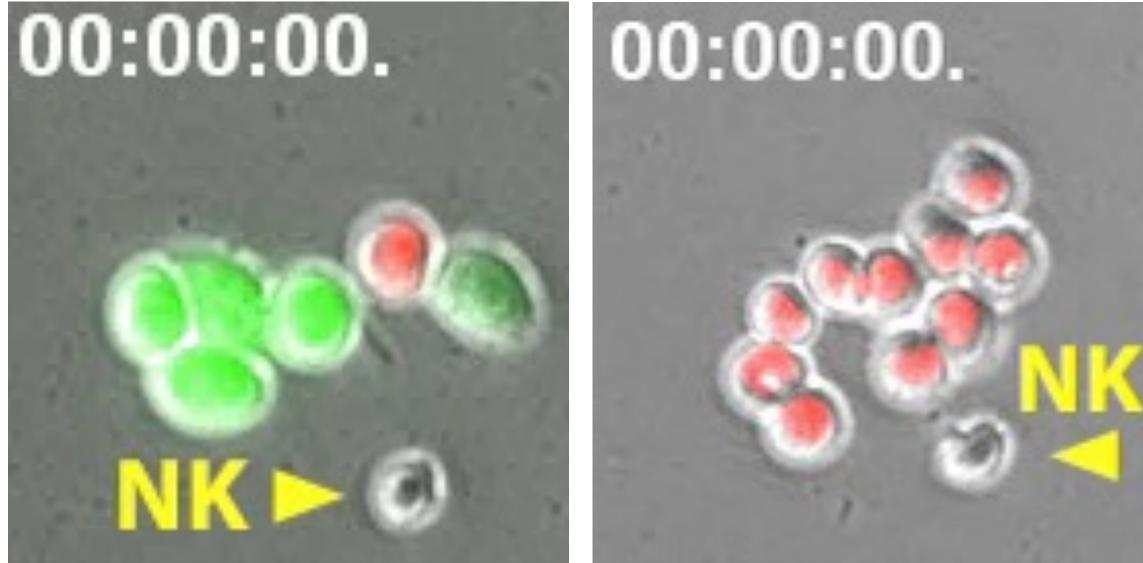
• Bladder Cancer



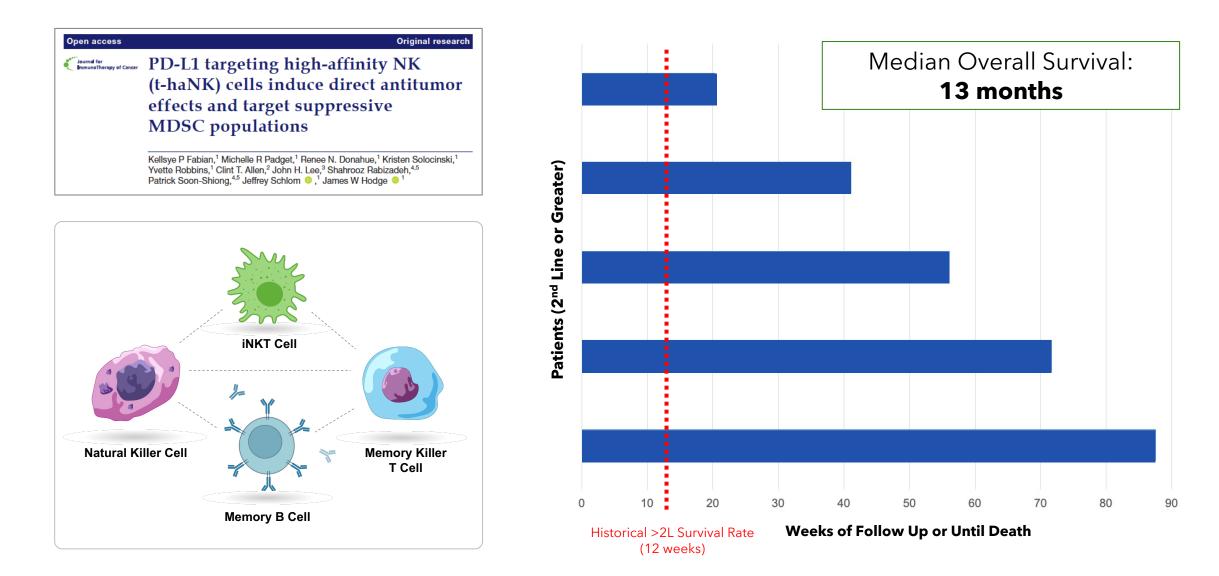
Pancreatic Cancer

- Head & Neck Cancer
- Lung Cancer
- HIV
- COVID Vaccine

Natural Killer Cells



Exploratory Trial of PD-L1 t-haNK and Anktiva in Combination with Chemo Modulation in Metastatic Pancreatic Cancer



Phase 2 QUILT 88 trial of DAMP inducers combined with IL15 superagonist, N-803 and anti PDL1-t-haNK cell therapy more than doubles historical overall survival with 3rd to 6th line advanced Pancreatic Cancer

Tara Seery¹, Chaitali Nangia¹, Heide McKean² Leonard Sender³, Sandeep Reddy³, Patrick Soon-Shiong³ NCT04390399 ¹Hoag Cancer Center, Newport Beach, CA; ² Avera Cancer Institute, Sioux Falls, SD ³ ImmunityBio Inc. Culver City, CA.

BACKGROUND PD-L1 t-haNK RESULTS **KEY FINDINGS** Pancreatic cancer will claim an estimated 47.050 lives in NKG2D **Overall Survival. ITT Population** Censored the USA in 2020. In patients with advanced disease (>3rd Nant Cancer Vaccine (NCV) more than line) the median overall survival is 3 months. We **CD16** doubled median OS versus historical OS hypothesize that effective response against pancreatic cancer requires a coordinated approach that Median OS for 3rd Line: (Manax ASCO GI 2019) of 3 months after orchestrates both the innate and adaptive immune 6.2 months (N=34) >2L system. We further hypothesize that by orchestrating the • In QUILT 88 median OS in 3rd line subjects activation of the entire immune system, we could accomplish immunogenic cell death with durable (n=34) was 6.2 months (95% CI: 4.9, 9.8) 4th Line in this previously immunotherapy responses Historical Overall survival for ITT population (N=78) of 5th Line 0.2 OS unresponsive disease. We describe a novel combination 3rd Line 3rd, 4th and 5th line is 5.8 months (95% Cl: 3 Months immunotherapy protocol of low-dose chemo-radiation to enhance antigen cascade and reduce MDSC's, cytokine-4.0, 6.9) 0.0 PD-L1 CAR induced NK and T cell activation and proliferation via N-• Treatment related (TR) SAE's were 6 12 15 21 803 (Anktiva, IL-15 cytokine fusion protein), and off-the-PD-L1 t-haNK Time (Months) uncommon (6%), no TR deaths were shelf PDL1-targeted high-affinity NK cell (PD-L1 t-haNK) NKG2D — 3rd Line Therapy 4th Line Therapy >=5th Line Therapy infusion. reported PD-L1/CD16/erIL2 • All treatments were performed as outpatient Median OS for ITT (\geq 3rd, 4th and 5th line): 5.8 months (N=78) STUDY EXPERIMENTAL TREATMENT • Treatment ongoing for 25 patients TABLE 1 Days 1 and 15, every 4 weeks: Nab-paclitaxel NTACT Demograph Gemcitabine @immunitybio.com 310-883-1300 Main Days 1–5 and 15–19, every 4 weeks: Age

Cyclophosphamide

Days 1, 8, 15, and 22; for first cycle only:
SBRT (not to exceed 8 Gy, exact dose to be determined by the radiation oncologist)

Aae≥65

ECOG 0-1

Metastasis

M:F

Day 8, every 4 weeks: • Aldoxorubicin HCl • N-803 (15 μg/kg SC)

Days 1, 8, and 15; every 4 weeks: • PD-L1 t-haNK (~2 × 109 cells/dose IV)

		TABLE 2		
	NL / (0/)	Any grade TR-AE >10%	%	TABLES 1,2,3:
hics	N / (%)	Chills	47	Treatment rel
		Pyrexia	46	Events (AEs), Median 3 cycles (
	62 (24, 78)	injection site rxn	40	ivieulari 5 cycles (
		fatigue	36	
	42%	anemia	50	TABLE 3
		neutropenia	19	Grade ≥3 TR AE ≥5%
	58/42	thrombocytopenia	13	Grade ES TR AE ES
		vomiting	28	anemia
	96%	nausea	26	neutropenia
		stomatitis	13	thrombocytopenia
	93%	decreased appetite	14	
	93%	infusion rxn	13	fatigue

ABLES 1,2,3: Demo reatment related vents (AEs), TR edian 3 cycles (1,18),	Adverse	CO I
		RE
BLE 3		1. Fa Ra Ni
de ≥3 TR AE ≥5%	%	pc 20
mia	41	2. Le ce ce 20
tropenia	29	3. W in 10
ombocytopenia	17	Ci di
que	5	vi Xe Ju

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ASCO Annual Meeting June 2022

SCAN ME



Orchestrating the Immune System First-in-Class Comprehensive Platforms



NK + T CellsIL-15 Fusion Proteins



Natural Killer Cells

- NK-92 Off-the-Shelf
- Autologous m-ceNK
- iNKT Cells



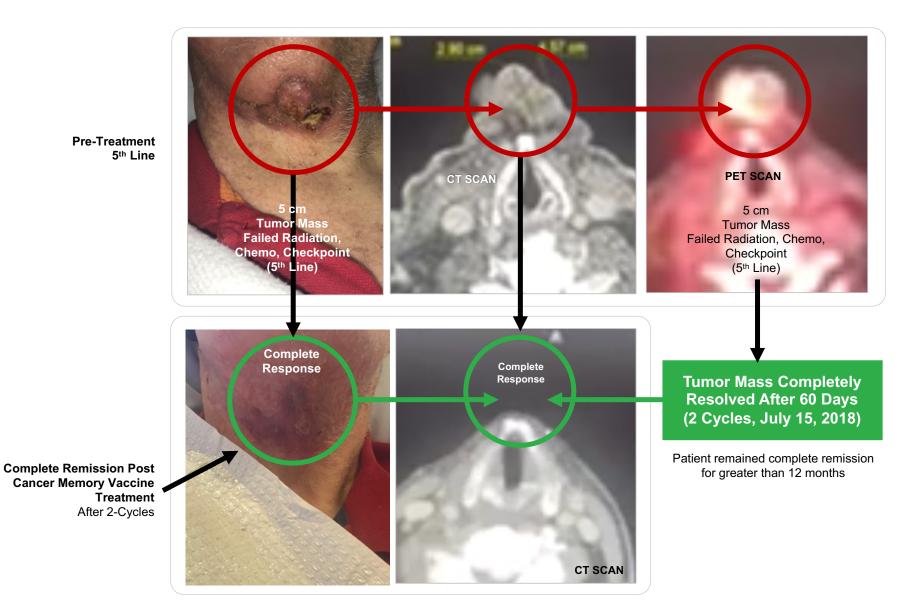
Memory B & T Cells

- Adenovirus
- Subunit Proteins
- Toll Receptor Activators
- saRNA

Late Stage USA Clinical Trial Updates:

- Bladder Cancer
- Pancreatic Cancer
 - Head & Neck Cancer
- Lung Cancer
- HIV
- COVID Vaccine

Complete Response: 5th Line Metastatic Head & Neck Cancer



NANT Cancer Vaccine Therapies Used:

- haNK
- N-803
- Ad5 CEA
- Chemo

Memory-Like Cytokine Enhanced Natural Killer (M-ceNK) Cells from Peripheral Blood First-in-Human Clinical Trials

Day 1

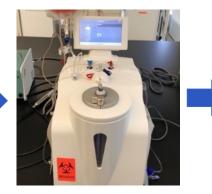


Autologous Apheresis Patient White Cell Collection



Apheresis White Cells Aliquot One Bag into 10 Lots for Cryopreservation

Single Aliquot For Enrichment Day 17



Concentrate

0.3 – 1.0 x 10⁹ NK Cells

Day 17

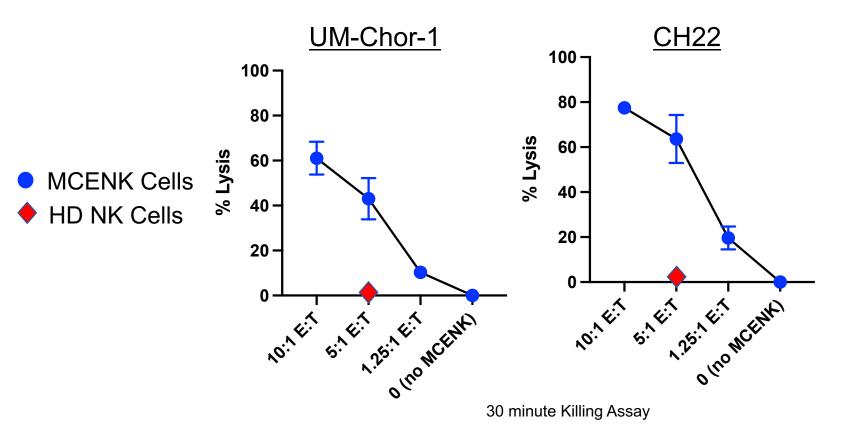


Autologous Cytokine Enhanced Natural Killer Cells for Transfusion 0.3 – 1.0 x 10⁹ NK Cells

First-in-human subjects dosed with M-ceNK in 2022

NCT04898543

Chordoma Cells Lines are Efficiently Killed by M-ceNK Cells



- Two chordoma tumor cell lines (UM-Chor-1, CH22) were incubated with M-ceNK cells.
- Tumor cell killing was assessed over 18h.
- Depicted is 30 minute killing.
- Timepoint after this showed 100% killing at all ratios containing M-ceNK cells.
- HD NK cells were assessed at a single 5:1 ratio.



CRADA with NCI, Unpublished



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Median Overall Survival of Anktiva Compared to Any Therapy in Patients Who Progressed on Checkpoint Inhibitor

Additional Therapy Following Checkpoint Inhibitor Progression

Median OS: 6.1 Months

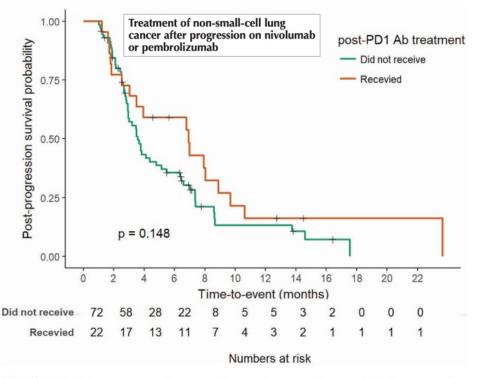
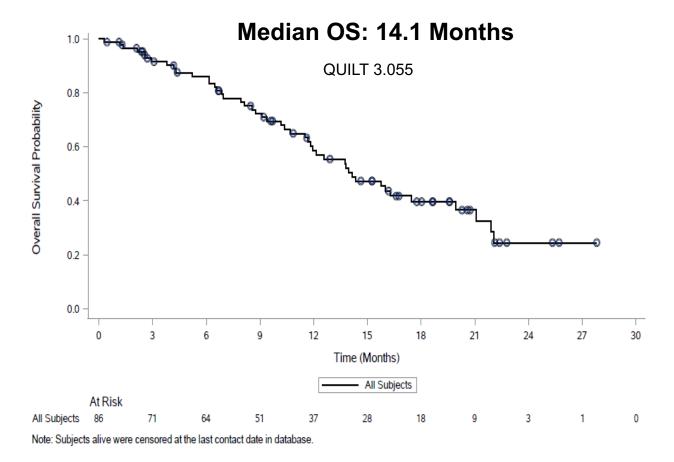


FIGURE 3 Post-progression survival after cessation of PD-1 monoclonal antibody (Ab) in 22 patients who received post-progression therapy and 72 patients who did not within 30 days of PD-1 Ab cessation.

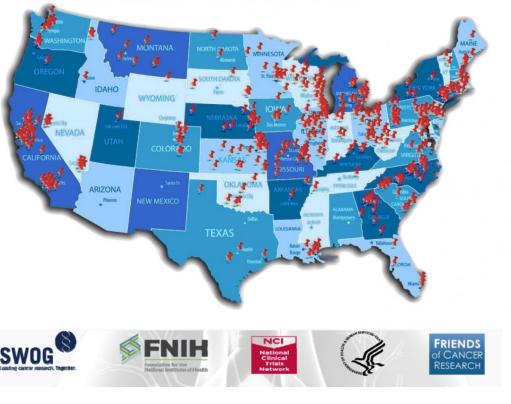
doi: 10.3747/co.27.5495

Anktiva IL-15 Therapy Following Checkpoint Inhibitor Progression



Anktiva Selected by LUNG-MAP for 2nd Line Patients who Progressed on Checkpoint Therapy

LUNG-MAP



NCT05096663

ImmunityBio Announces First Participants Have Been Enrolled in Lung-MAP Trial Studying Anktiva to Activate NK and T Cells in Non-Small Cell Lung Cancer

April 25, 2022

- Novel combination therapy of Anktiva, an IL-15 superagonist, and Keytruda targeted at patients with lung cancer who have failed checkpoint inhibitor therapy
- The study currently includes nearly 200 U.S. sites and will involve 478 patients when fully enrolled
- Nearly 237,000 new cases of lung cancer estimated to be diagnosed in the U.S. this year, making it the second most common cancer in the U.S.



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COVID Vaccine

ImmunityBio HIV Clinical Programs: Active Phase 1/2 Clinical Trials in Progress









Walter Reed Army Institute of Research



HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE Phase 1 B Cell Follicle Study Principle Investigator: Tim Schacker, UMinn NCT04808908 10 HIV+ (ART) patients treatment, ART + N-803 Fully Enrolled

Phase 1 ACTG 5386: N-803 +/- 2 bNABs in HIV+ subjects
Principle Investigator: Tim Wilken, Weill Cornell Medicine
NCT04340596
46 HIV+ patients on ART randomized to Arm A or B
Arm A: N-803 alone
Arm B: 2 bNAbs + N-803
Trial Active

Phase II Thailand Trial: N-803 in Acute HIV Infection Study Chair: Denise C Hsu, MD PhD – Henry M. Jackson Foundation NCT04505501

15 Acutely infected HIV patients on ART: N-803 Treatment Alone vs. Placebo **11 Enrolled (May 2022)**



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Memory B & T Cells

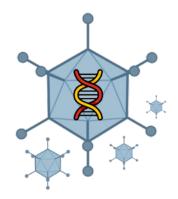
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- Lung Cancer
- HIV



ImmunityBio Vaccine Platforms Against COVID



Adeno hAd5

Human Adenovirus 5 DNA Based



- Spike & Nucleocapsid T Cells
- Memory B and Memory T Cells



mRNA saRNA

Self Amplifying RNA



- Potent Antibodies
- Spike & Nucleocapsid T Cells
- Memory B and Memory T Cells



Yeast RBD Subunit Protein RBD + 3M-052 Adjuvant



- Potent Antibodies
- Spike & Nucleocapsid T Cells



Thank You