

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of The Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported):
March 17, 2021**

ImmunityBio, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-37507
(Commission
File Number)

43-1979754
(IRS Employer
Identification No.)

**3530 John Hopkins Court
San Diego, California 92121**
(Address of principal executive offices, including zip code)

(858) 633-0300
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.0001 per share	IBRX	Nasdaq Global Select Market

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01

Upon the closing of the merger transaction on March 9, 2021 as previously disclosed, the number of shares of common stock outstanding of ImmunityBio, Inc. (the "Company") was 383,179,376.

A copy of a slide presentation that the Company intends to present to investors is attached to this Current Report on Form 8-K as Exhibit 99.1 and is incorporated herein solely for purposes of this Item 7.01 disclosure.

The information referenced under Item 7.01 (including Exhibit 99.1 referenced in Item 9.01 below) of this Current Report shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or under the Exchange Act, whether made before or after the date hereof, except as expressly set forth by specific reference in such filing to this Current Report. This Current Report shall not be deemed an admission as to the materiality of any information in the Current Report that is required to be disclosed solely by Regulation FD.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
99.1	ImmunityBio, Inc. Presentation
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

IMMUNITYBIO, INC.

Date: March 17, 2021

By: /s/ David Sachs
Chief Financial Officer



A Leading Immunotherapy Biotech Company
Broadest Late-Stage Clinical Platform of Antibody Cytokine Fusion Proteins,
Albumin-Linked Chemo-Immunomodulators, Vaccine Vectors and Natural Killer cells

Forward Looking Statements

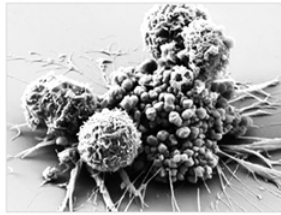
This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Statements in this press release that are not statements of historical fact are considered forward-looking statements, which are usually identified by the use of words such as “anticipates,” “believes,” “continues,” “could,” “estimates,” “expects,” “intends,” “may,” “plans,” “potential,” “predicts,” “projects,” “seeks,” “should,” “will,” and variations of such words or similar expressions. These forward-looking statements are neither forecasts, promises nor guarantees, and are based on the current beliefs of ImmunityBio’s management as well as assumptions made by and information currently available to ImmunityBio. Such statements reflect the current views of ImmunityBio with respect to future events and are subject to known and unknown risks, including business, regulatory, economic and competitive risks, uncertainties, contingencies and assumptions about ImmunityBio, including, without limitation, (i) potential adverse effects or changes to relationships with employees, suppliers or other parties resulting from the completion of the merger, (ii) the outcome of any legal proceedings that may be instituted against the parties and others related to the merger, (iii) unexpected costs, charges or expenses resulting from the merger, (iv) uncertainty of the expected financial performance of the combined company following completion of the merger, including the possibility that the expected synergies and value creation from the merger will not be realized or will not be realized within the expected time period, (v) the ability of ImmunityBio to continue its planned preclinical and clinical development of its development programs, and the timing and success of any such continued preclinical and clinical development and planned regulatory submissions, (vi) inability to retain and hire key personnel, and (vii) the unknown future impact of the COVID-19 pandemic delay on certain clinical trial milestones and/or ImmunityBio’s operations or operating expenses. More details about these and other risks that may impact ImmunityBio’s business are described under the heading “Risk Factors” in the Company’s Form 8-K filed with the U.S. Securities and Exchange Commission (“SEC”) on March 10, 2021 and in subsequent filings made by ImmunityBio with the SEC, which are available on the SEC’s website at www.sec.gov. ImmunityBio cautions you not to place undue reliance on any forward-looking statements, which speak only as of the date hereof. ImmunityBio does not undertake any duty to update any forward-looking statement or other information in this press release, except to the extent required by law.

ImmunityBio: A Leading Immunotherapy Company



ImmunityBio
NASDAQ: IBRX

40
Phase I / II / III
Clinical Trials




1,800+
Patients Studied

25
Phase II / III
Clinical Trials

17
First in Human
Immunotherapy Molecules
and cells



Antibody Cytokine Fusion Proteins Chemo Immuno Modulators Vaccine Technologies Natural Killer Cells



A Leading Immunotherapy Platform in Oncology & Infectious Diseases

2035+
Worldwide Patents Extending to
2035 and Beyond



400,000
Square Feet of Manufacturing
and R&D Facilities



>3 Trillion
Over 3 Trillion Natural Killer Cells
Manufactured to Date

Highly Experienced Management Team with Proven Track Record



Patrick Soon-Shiong, MD
Executive Chairman



Rich Adcock, MBA
Chief Executive Officer



David Sachs, MBA
Chief Financial Officer



Lennie Sender, MD
Chief Operating Officer



Fabio Benedetti, MD
Chief Strategy Officer



Bobby Reddy, MD
Chief Medical Officer



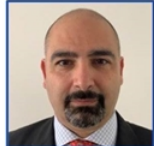
Sarah Singleton
Chief Communications Officer



Hans Klingemann, MD, PhD
*Chief Scientific Officer
Cellular Therapy*



Shahrooz Rabizadeh, PhD
*Chief Scientific Officer
Fusion Protein & Neopeptide*



Kayvan Niazi, PhD
*Chief Science Officer
Immunology and Vaccinology*



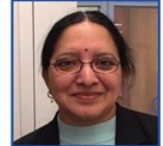
Barry Simon, MD
Chief Corporate Affairs Officer



Elizabeth Gabitzsch
Vice President, Vaccines





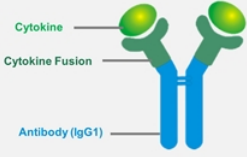
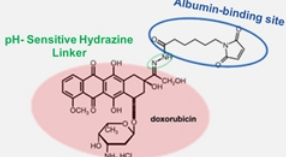
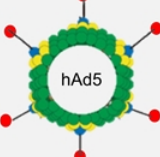
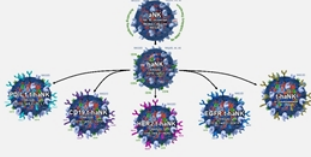


Sylvain Roy
Vice President, Manufacturing



Manju Saxena, PhD
*Vice President, Product Dev
Cell Therapy Program*

A Leading Immunotherapy Platform in Oncology and Infectious Diseases

Core Modalities	<p>Antibody Cytokine Fusion Proteins</p>  <p>Activating NK & T Cells</p>	<p>Albumin-Bound Immuno-Modulators</p>  <p>Tumoricidal Macrophages</p>	<p>Vaccine Technologies</p>  <p>Memory T Cells</p>	<p>Natural Killer</p>  <p>Off-the-Shelf NK Cells Autologous Memory ceNK</p>
	<p>Anktiva (N-803)</p>	<p>Aldoxorubicin</p>	<p>Adenovirus (hAd5)</p>	<p>Natural Killer (NK)</p>
	<p>Mechanism of Action</p>  <p>Cytokine Fusion Antibody (IgG1)</p>	 <p>pH-Sensitive Hydrazine Linker Albumin-binding site doxorubicin</p>	 <p>hAd5</p>	

ImmunityBio's Immunotherapy Platform: Antibody Cytokine Fusion Proteins

Core Modalities

Antibody Cytokine Fusion Proteins

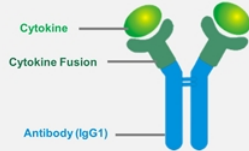


Activating
NK & T Cells

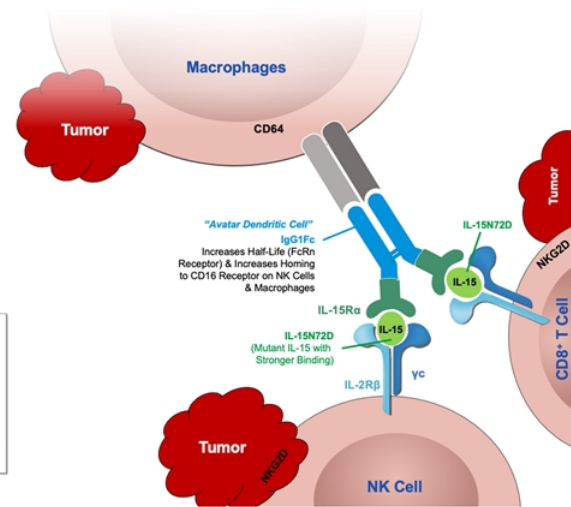
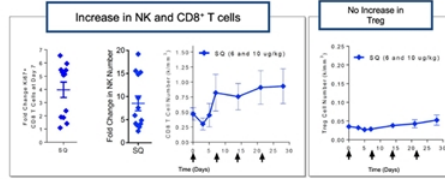
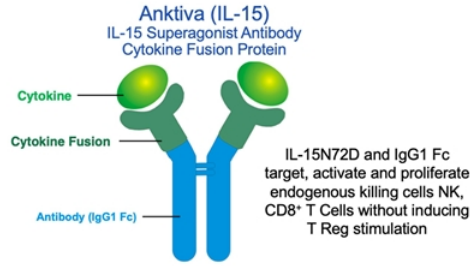
Lead

Anktiva (N-803)

Mechanism of Action



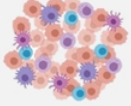
Anktiva (IL-15) Mechanism of Action



ImmunityBio's Immunotherapy Platform: Albumin-Bound Immuno-Modulators

Core Modalities

Albumin-Bound Immuno-Modulators

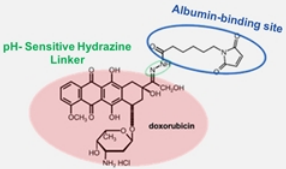


Tumoricidal Macrophages

Lead

Aldoxorubicin

Mechanism of Action

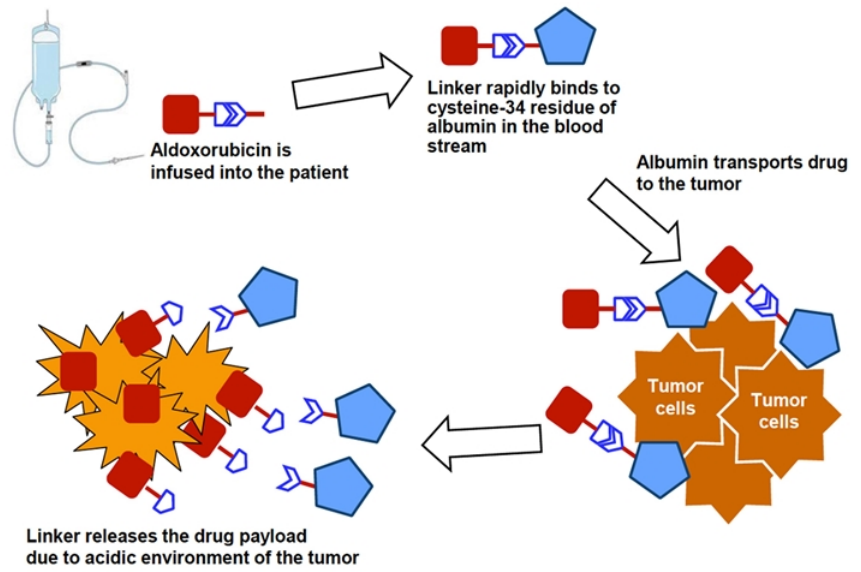


pH-Sensitive Hydrazine Linker

Albumin-binding site

doxorubicin

Aldoxorubicin: Mechanism of Action



ImmunityBio's Immunotherapy Platform: Vaccine Technologies

Core Modalities

Vaccine Technologies

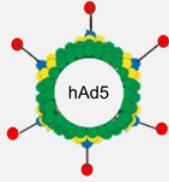


Memory T Cells

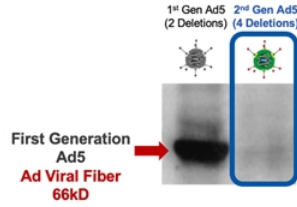
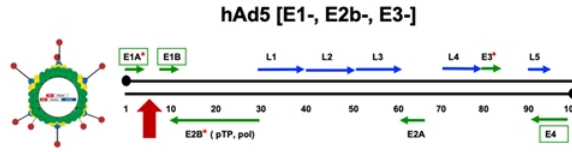
Lead

Adenovirus (hAd5)

Mechanism of Action



A Second Generation Human Adenovirus Serotype 5 (hAd5) with Four Deletions Enabling Multiple Reinjections Even in the Presence of Ad Immunity



Second Generation Human Ad5 (hAd5) [E1-, E2b-, E3- Deleted]

- "Immunogenically Stealth"
- Overcomes Pre-Existing Ad Immunity
- Demonstrated Safety and Immunogenicity in >150 Patients Across 14 Phase 1 / 2 Clinical Trials

ImmunityBio's 2nd generation platform hAd5 is "immunologically quiet" enabling immune response even in the face of pre-existing immunity

Reduced antigenic competition between vector and target antigens results in longevity of disease target protein expression

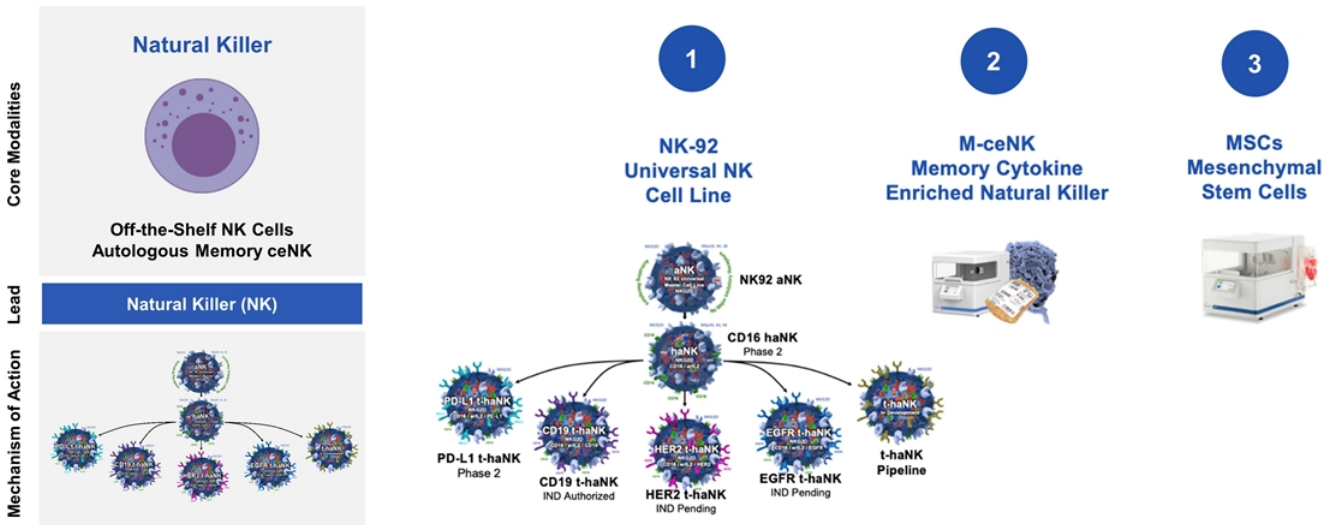
Reduced adverse effects of vector-viral proteins

Mass manufacturing capacity established for drug substance and oral capsule finished dosage form, turnkey today

No needles, self-administration; low cost distribution and storage

Amalfitano, A., Hauser, M.A., Hu, H., Serra, D., Begy, C.R., and Chamberlain, J.S. (1998). Production and characterization of improved adenovirus vectors with the E1, E2b, and E3 genes deleted. *J Virol* 72, 926-933.

ImmunityBio's Immunotherapy Platform: Natural Killer Cell Therapy



A Leading Immunotherapy Platform in:

I. Solid Tumors

Solid Tumors	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Aldox	Vectors	NK Cells	
Bladder	II / III	BCG Unresponsive NMIBC Carcinoma In-Situ (CIS)	Breakthrough & Fast Track				Anktiva				NCT0302282
	II	BCG Unresponsive NMIBC Papillary	Fast Track				Anktiva				NCT0213873
Lung	I / II	Advanced or Metastatic NSCLC Relapsed or Refractory Checkpoint	Single Arm CPI Relapsed, Phase 1/2, Lung				Anktiva				NCT0252346
	II	2L or Greater Lung Cancer, Checkpoint Relapsed	Single Arm CPI Relapsed Basket, Phase 2, Lung				Anktiva			PD-L1 t-haNK	NCT0322866
	III	2L NSCLC Checkpoint Relapsed and Refractory LungMAP – S1800D (SWOG)	Randomized Phase 3, 2L Lung				Anktiva				Pending
	III	1L Squamous & Non-Squamous Non-Small Cell Lung Cancer Checkpoint Alone	Randomized Phase 3, 1L Lung Chemo Free				Anktiva				NCT0352068
	III	1L Non-Small Cell Lung Cancer Checkpoint + Concurrent Chemo	Randomized Phase 3, 1L Lung Chemo				Anktiva				NCT0352068
Pancreatic	I	Advanced Metastatic Pancreatic Cancer	Single Arm, Phase 1, Pancreatic				Anktiva	Aldox	hAd5-CEA, MUC1, Brachyury, HER2	haNK	NCT0358686
	II / III	3L Metastatic Pancreatic Cancer	Single Arm Phase 2, 3L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
	II / III	2L Metastatic Pancreatic Cancer	Randomized, Phase 2/3 2L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
	II / III	1L Metastatic Pancreatic Cancer	Randomized, Phase 2/3 1L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
Breast	I	3L or Greater Triple Negative Breast Cancer	Single Arm, Phase 1, 3L TNBC				Anktiva	Aldox	hAd5-CEA, MUC1, Brachyury	haNK	NCT0338708
	I / II / III	3L or Greater Triple Negative Breast Cancer	Randomized, Phase 1/2/3, 3L TNBC				Anktiva			PD-L1 t-haNK	Pending NCT
Colon	I	CEA Expressing Tumors	Single Arm, Phase 1, CEA				Anktiva		hAd5-CEA		NCT0312709
	II	3L Metastatic Colon Cancer	Single Arm, Phase 2, 3L Colon						hAd5-CEA		NCT0114796
	II	Metastatic or Unresectable Colon Cancer	Randomized, Phase 2, 2L or Greater Colon, NCI						hAd5-CEA		NCT0305081

A Leading Immunotherapy Platform in:

I. Solid Tumors (Continued)

Solid Tumors	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Aldox	Vectors	NK Cells	
Merkel	II	Recurrent Merkel Cell Carcinoma	Single Arm, Phase 2, Merkel				Anktiva			haNK	NCT0385331
Glioblastoma	II	Recurrent Glioblastoma	Single Arm, Phase 2, Glioblastoma					Aldox			NCT0201484
	I	Recurrent Glioblastoma	Single Arm, Phase 1, Glioblastoma, Frankfurt University							HER2 t-haNK	NCT0338397
Head & Neck	I	1L Recurrent & Neoadjuvant Head & Neck	Single Arm, Phase 1, Head & Neck, NCI				Anktiva		hAd5-CEA, MUC1, Brachyury		NCT0424728
Prostate	I / II	Castration Resistant Prostate Cancer Quick Efficacy Seeking Trial (QuEST1)	Randomized, Phase 1/2, Prostate, NCI				Anktiva				NCT0349394
	I	Castration Resistant Prostate Cancer	Single Arm, Phase 1, Castration Resistant, NCI						hAd5-PSA, MUC1, Brachyury		NCT0348181
Ovarian	I	Advanced Ovarian Cancer – Intraperitoneal (IP) and/or Subcutaneous (SC) Alone	Randomized, Phase 1, Ovarian, University of Minnesota				Anktiva				NCT0305490
Sarcoma	I / II	Metastatic Soft Tissue Sarcoma Aldox + Ifosfamide	Single Arm, Phase 1 / 2, Sarcoma					Aldox			NCT0223570
	II	Advanced Soft Tissue Sarcoma Aldox vs Doxorubicin	Randomized, Phase 2, Sarcoma					Aldox			NCT0151418
	III	Metastatic, Locally Advanced Sarcoma	Randomized, Phase 3, Sarcoma					Aldox			NCT0204990
Advanced Solid Tumors	I	Multi-Targeted Recombinant Ad5 CEA, MUC1, Brachyury Vaccine Regimen in Adv. Cancer (NCI)	Single Arm, Phase 1, NCI						hAd5-CEA, MUC1, Brachyury		NCT0338431
	I	Advanced Solid Tumors, Yeast Neoepitope	Single Arm, Phase 1, Advanced Solid Tumors						Ye-NEO		NCT0355271
	I	Advanced Solid Tumors, M-ceNK	Single Arm, Phase 1, IND Filed							M-ceNK	Pending

A Leading Immunotherapy Platform in:

II. Liquid Tumors (Oncology)

Liquid	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	NK Cells	
iNHL	I / II	Relapsed / Refractory Indolent Non-Hodgkin's Lymphoma	Single Arm, Phase 1 / 2, iNHL				Anktiva		NCT02384954
Multiple Myeloma	I / II	Relapsed or Refractory Multiple Myeloma	Single Arm Phase 1 / 2, Multiple Myeloma				Anktiva		NCT02099539
	I	Multiple Myeloma & Lymphoma Relapse after Transplantation	Single Arm, Phase 1,	Lymphoma & MM				aNK	NCT00990717
Lymphomas, AML, MDS	I	Hematological Malignancies Relapse After Allogenic Transplantation	Single Arm, Phase 1,	Liquid Tumors			Anktiva		NCT01885897
	II	Adults w/ Relapsed or Refractory AML	Single Arm, Phase 2, AML				Anktiva		NCT03050216
	I	Acute Myeloid Leukemia & Lymphomas	Single Arm, Phase 1, AML & Lymphomas				Anktiva	Donor NK	NCT02890758
	II	Acute Myeloid Leukemia & Myelodysplastic Syndrome (MDS) Relapsed Prophylaxis	Single Arm, Phase 2, AML and MDS				Anktiva		NCT02782546
	I / II	Cytokine Induced Memory Like NK Cell After Hematopoietic Transplantation	Single Arm, Phase 1 / 2, AML				Anktiva	M-ceNK	NCT02989844
	I / II	Acute Myeloid Leukemia or Myelodysplastic Syndrome (MDS)	Single Arm, Phase 1 / 2, AML, MDS				Anktiva	M-ceNK	NCT01898793
	I	Diffuse Large B Cell Lymphoma	Single Arm, Phase 1, IND Authorized					CD-19 t-haNK	NCT04052061

A Leading Immunotherapy Platform in:

III. Infectious Diseases

Infectious Dis.	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Adenovirus
HIV	I	ACTG / NIAID: HIV Broadly Neutralizing Antibodies	Single Arm, Phase 1, HIV				✓ Anktiva	
	II	Thai Red Cross: Reducing HIV Persistence by IL-15	Randomized, Phase 2, HIV				✓ Anktiva	
COVID-19	I	COVID-19 Vaccine: hAd5 S+N USA (SC, SC)	Single Arm, Phase 1, COVID	Subcutaneous				✓ hAd5 S+N
		COVID-19 Vaccine: hAd5 S+N USA (SC, SL)	Single Arm, Phase 1, COVID	Sublingual				✓ hAd5 S+N
	I	COVID-19 Vaccine: hAd5 S+N USA (SC, Oral)	Single Arm, Phase 1, COVID	Oral Capsule				✓ hAd5 S+N
	I	COVID-19 Vaccine: hAd5 S+N South Africa (SC, SC)	Single Arm, Phase 1, COVID	Subcutaneous				✓ hAd5 S+N

A Leading Immunotherapy Platform in:

IV. Pre-Clinical & Pre-IND Pipeline

Platforms	Phase	Product Description	Preclinical	Pre-IND	IND Filed	IND Auth	Fusion Proteins	Adenovirus	Natural Killer
Antibody Cytokine Fusion Proteins	Pre-IND	IL-15 Superagonist + Anti CD20 Fusion Protein	N-820				N-820: IL-15 / CD20		
	Pre-IND	IL-15 Superagonist + Anti PD-L1 Fusion Protein	N-809				N-809: IL-15 / PD-L1		
	Pre-IND	Tumor Necrosis Targeting (TNT) TNT + TGFb Trap Fusion Protein	N-830				N-830: TNT / TGFb		
	Pre-IND	Tumor Necrosis Targeting (TNT) TNT + IL-12 Fusion Protein	N-812				N-812: TNT / IL-12		
NK Platform	Pre-IND	HER2 t-haNK	HER2 t-haNK						HER2 t-haNK
	Pre-IND	EGFR t-haNK	EGFR t-haNK						EGFR t-haNK
	Pre-IND	TxM Induced M-ceNK	M-ceNK				TxM IL-12 / IL-18 / IL-15		M-ceNK
	Pre-IND	Nanatinostat – Epigenetic Modifier	Nanatinostat						
Peptides	Pre-IND	M2 Macrophage Polarizer to M1	RP-182				RP-182		
Adenovirus	Pre-IND	hAd5 Human Papillomavirus (HPV)	hAd5 E6/E7					hAd5 E6/E7	
	Pre-IND	hAd5 to N-803	hAd5 N-803					hAd5 N-803	
	Pre-Clin	hAd5 Influenza	hAd5 HA/M					hAd5 HA / M	
	Pre-Clin	hAd5 COVID-19 ACE2 Decoy	hAd5 ACE2					hAd5 ACE2 Decoy	
MSC	Phase 1	Mesenchymal Stem Cell w/ GMP-in-a-Box	MSCs w/ GMP-in-a-Box						Mesenchymal Stem Cells (MSC)

A Leading Immunotherapy Platform in:

I. Solid Tumors

Solid Tumors	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Aldox	Vectors	NK Cells	
Bladder	II / III	BCG Unresponsive NMIBC Carcinoma In-Situ (CIS)	Breakthrough & Fast Track				Anktiva				NCT0302282
	II	BCG Unresponsive NMIBC Papillary	Fast Track				Anktiva				NCT0213873
Lung	I / II	Advanced or Metastatic NSCLC Relapsed or Refractory Checkpoint	Single Arm CPI Relapsed, Phase 1/2, Lung				Anktiva				NCT0252346
	II	2L or Greater Lung Cancer, Checkpoint Relapsed	Single Arm CPI Relapsed Basket, Phase 2, Lung				Anktiva			PD-L1 t-haNK	NCT0322866
	III	2L NSCLC Checkpoint Relapsed and Refractory LungMAP – S1800D (SWOG)	Randomized Phase 3, 2L Lung				Anktiva				Pending
	III	1L Squamous & Non-Squamous Non-Small Cell Lung Cancer Checkpoint Alone	Randomized Phase 3, 1L Lung Chemo Free				Anktiva				NCT0352068
	III	1L Non-Small Cell Lung Cancer Checkpoint + Concurrent Chemo	Randomized Phase 3, 1L Lung Chemo				Anktiva				NCT0352068
Pancreatic	I	Advanced Metastatic Pancreatic Cancer	Single Arm, Phase 1, Pancreatic				Anktiva	Aldox	hAd5-CEA, MUC1, Brachyury, HER2	haNK	NCT0358686
	II / III	3L Metastatic Pancreatic Cancer	Single Arm Phase 2, 3L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
	II / III	2L Metastatic Pancreatic Cancer	Randomized, Phase 2/3 2L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
	II / III	1L Metastatic Pancreatic Cancer	Randomized, Phase 2/3 1L Pancreas				Anktiva	Aldox		PD-L1 t-haNK	NCT0439039
Breast	I	3L or Greater Triple Negative Breast Cancer	Single Arm, Phase 1, 3L TNBC				Anktiva	Aldox	hAd5-CEA, MUC1, Brachyury	haNK	NCT0338708
	I / II / III	3L or Greater Triple Negative Breast Cancer	Randomized, Phase 1/2/3, 3L TNBC				Anktiva			PD-L1 t-haNK	Pending NCT
Colon	I	CEA Expressing Tumors	Single Arm, Phase 1, CEA				Anktiva		hAd5-CEA		NCT0312709
	II	3L Metastatic Colon Cancer	Single Arm, Phase 2, 3L Colon						hAd5-CEA		NCT0114796
	II	Metastatic or Unresectable Colon Cancer	Randomized, Phase 2, 2L or Greater Colon, NCI						hAd5-CEA		NCT0305081




Bladder Cancer

Updated March 2021

Overview of Non-Muscle Invasive Bladder Cancer (NMIBC)

Current Standard of Care



Intravesical BCG

Bladder Catheter **Medication**

BCG Administered Intravesically

- High rates of progression and recurrence for NMIBC make it one of the most expensive cancer to treat
- Current standard of treatment is Transurethral resection of bladder tumor (TURBT), with or without intravesical therapy
- Intravesical BCG is commonly used as an adjuvant treatment after TURBT for intermediate-high-risk NMIBC – **side effects are common**
- Patients who have failed BCG therapy **require radical cystectomy with urinary diversion** or chemotherapy and radiation
- Only **50%** of patients undergoing radical cystectomy will survive at 5 years

ImmunityBio's Approach

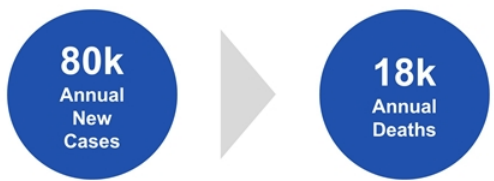


Intravesical BCG **Anktiva**

Bladder Catheter **Medication**

BCG + Anktiva Administered Intravesically

BREAKTHROUGH THERAPY DESIGNATION
for BCG-Unresponsive NMIBC CIS



Phase I Results in NMIBC

Anktiva + BCG in High-Risk NMIBC – Phase I Results

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

Data as of Feb 2018

CR – Complete Response
 CR* – No Recurrence (NR) in Papillary Disease
 CR** – Negative Cystoscopy Inconclusive Cytology

FDA granted
 Fast Track
 Designation to
 the pivotal trial
 based on this
 Phase I data.

Standard of Care
 historical response rate
 is 58-81% at 3-6 months
 post BCG alone

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

Phase II / III Data in BCG-Unresponsive NMIBC CIS

Ongoing Study

Primary Endpoint Complete Response at Any Time

Primary Endpoint: CR at any time, with lower bound of 95% CI $\geq 20\%$

To meet the primary endpoint, **24** out of 80 patients must have had a CR at any time

- 80 patients accrued to date (fully accrued)
- Results: **51 CRs at any time have been reached**
- CR Rate at Any Time of **71%** (95% CI: 59%, 81%)
- **Overall SAE rate of 11%, no treatment-related SAEs**
- Individual SAE events were all $\leq 1\%$

Anticipated Next Steps

1H 2021: Initial FDA Readout Ph II / III BCG Unresponsive NMIBC Carcinoma In-Situ CIS 2nd Line

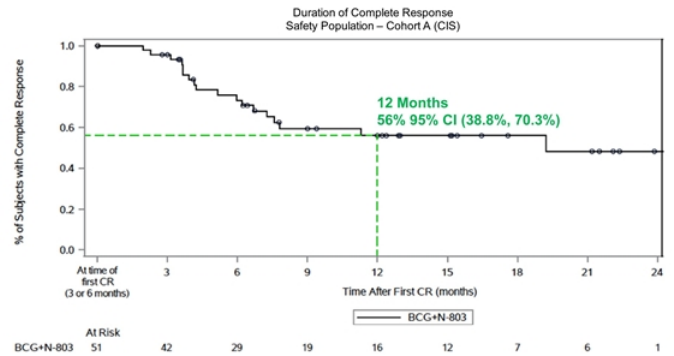
2H 2021: CIS BLA Filing Ph II / III BCG Unresponsive NMIBC

Updated Jan 2021

Secondary Endpoint Duration of Complete Response

Duration of CR at **12 months**

- **56%** (95% CI: 38.8%, 70.3%) probability of patients maintaining CR for 12 months



Late-Breaking Presentation ASCO GU 2021 (Feb 12)

Presented by Dr. Karim Chamie (UCLA)

<https://meetinglibrary.asco.org/record/195299/abstract>

Drug	N	CR Rate at Anytime	Median Duration of CR in responders	Median follow up (months)	Cystectomy Free Rate to date	% with Extra Vesical Disease
Anktiva (N-803)	80	71%	19.2 Months*	10.7	88%	1
Pembrolizumab ¹	97	41%	16.2 Months	24.1	63%	3
Nadofaragene ²	103	53%	9.7 Months	19.7	71%	1

*Kaplan-Meier estimate

1. ODAC: <https://www.fda.gov/media/133542/download>, ASCO 2020
2. Boorjian et al. Lancet 2020

A historical comparison. Not a head to head comparison

Efficacy & Safety in Patients with BCG-Unresponsive NMIBC CIS in QUILT-3.032 and Historical Comparison to Keytruda

Approved Jan 2020



Efficacy Endpoints	KEYNOTE-057 Keytruda	QUILT-3.032 Anktiva + BCG
CR Rate (95% CI)		
At any time or 3 months	41% (31%, 52%)	71% (59%, 81%)
Duration of Response in Responding Patients		
Median Duration of CR in Months (range)	16.2 (0.0+ – 26.8)	19.2 (0.0+ – 26.4)
Cystectomy Free Rate		
% Cystectomy Free	63%	89%

Immune-Mediated Adverse Event	KEYNOTE-057 Keytruda	QUILT-3.032 Anktiva + BCG
Any Immune-Mediated AE	21%	0
Grade 3-5 Immune-Mediated AEs	3%	0
Any Immune-Mediated SAE	5%	0
Discontinuation due to Immune-Mediated AEs	4%	0
Discontinuation due to Immune-Mediated SAEs	2%	0

A historical comparison. Not a head to head comparison

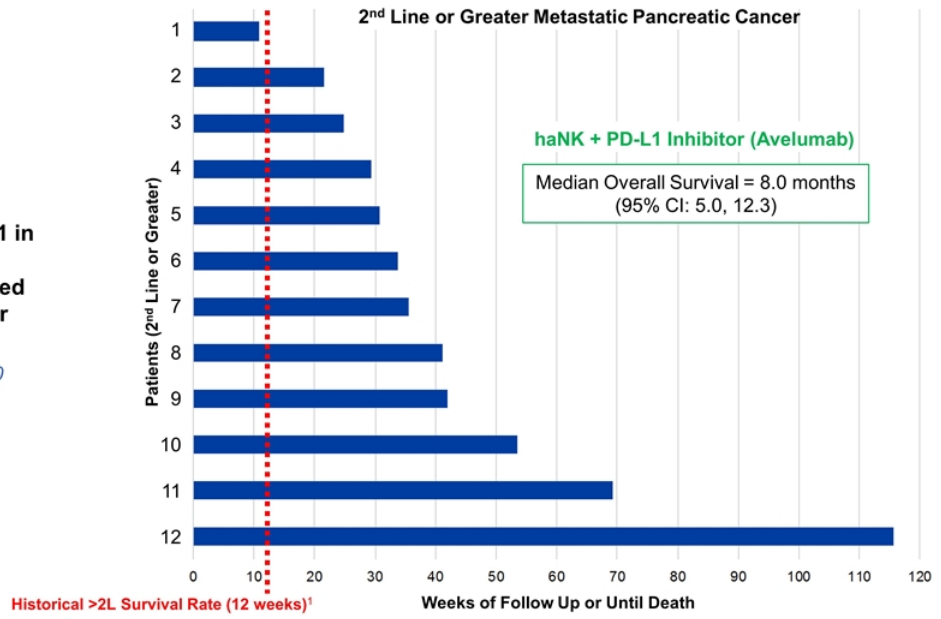


Pancreatic Cancer

Updated March 2021

haNK + PD-L1 inhibitor (Avelumab) in Metastatic Pancreatic Cancer Median Overall Survival 8.0 Months

Preliminary Data Lock
**Phase 1/2 Trial of haNK + PD-L1 in
 Combination with Chemo
 Immunomodulation in Advanced
 Metastatic Pancreatic Cancer**
NCT03329248 (Closed)
QUILT 3.039, 3.060, 3.070, 3.080
NANT Cancer Vaccine



PD-L1 t-haNK Favorable to haNK + PD-L1 inhibitor (Avelumab) in Metastatic Pancreatic Cancer Median Overall Survival to Date (As of Jan 2020) Not Reached

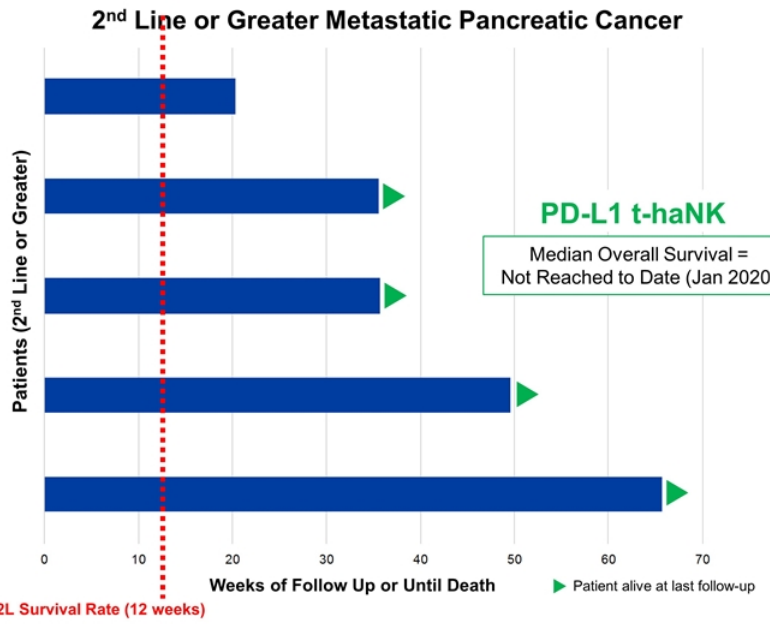
Open access Original research

Journal for
Biomolecular Therapy of Cancer

PD-L1 targeting high-affinity NK (t-haNK) cells induce direct antitumor effects and target suppressive MDSC populations

Kelsy P Fabian,¹ Michelle R Padgett,¹ Renee N. Donahue,¹ Kristen Solocinski,¹ Yvette Robbins,¹ Clint T. Allen,² John H. Lee,³ Shahrooz Rabizadeh,^{4,5} Patrick Soon-Shiong,^{4,5} Jeffrey Schlom,⁶ James W Hodge,¹

Exploratory Trial of PD-L1 t-haNK in Combination with Chemo Immunomodulation in Advanced Metastatic Pancreatic Cancer



PD-L1 t-haNK + Chemo Immunomodulation in Locally Advanced or Metastatic Pancreatic Cancer (QUILT-88)

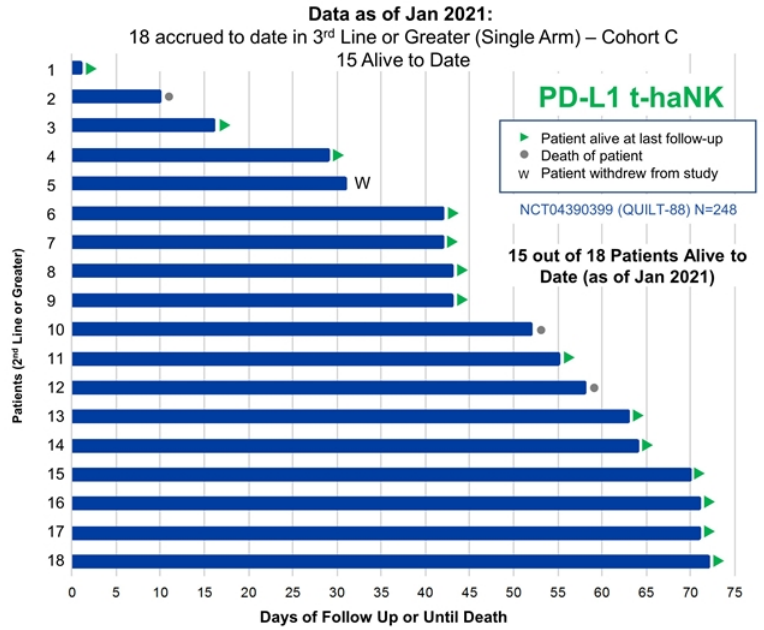
Actively Enrolling
Phase 2 Trial of PD-L1 t-haNK in Combination with Chemo Immunomodulation in Advanced Metastatic Pancreatic Cancer
 NCT04390399 (QUILT-88) N=248

Aldoxorubicin HCl, N-803 and PD-L1 t-haNK
 Clinical Trial Protocol: QUILT-88 Amendment 3
 ImmunityBio, Inc.

OPEN-LABEL, RANDOMIZED, COMPARATIVE PHASE 2 STUDY OF COMBINATION IMMUNOTHERAPY PLUS STANDARD-OF-CARE CHEMOTHERAPY VERSUS STANDARD-OF-CARE CHEMOTHERAPY FOR THE TREATMENT OF LOCALLY ADVANCED OR METASTATIC PANCREATIC CANCER

- Status: **Enrolling**
- Cohort A 1st Line therapy (Randomized)
 - Cohort B 2nd Line therapy (Randomized)
 - Cohort C 3rd Line or greater therapy (Single-Arm)

This is a Phase 2, three-cohort (2 randomized and 1 single-arm), open-label study to evaluate the comparative efficacy and overall safety of standard-of-care chemotherapy versus standard-of-care chemotherapy in combination with Aldoxorubicin, N-803, and PD-L1 t-haNK in subjects with locally advanced or metastatic pancreatic cancer. Each treatment setting (ie, first line maintenance, second line, or third line or greater) will be evaluated independently as a separate cohort.





Lung Cancer

Updated March 2021

Phase IIb Data in Lung Cancer 2nd and 3rd Line NSCLC (QUILT 3.055) In Discussions with Lung-MAP

Multi-Cohort Basket and Status

- QUILT 3.055 is an ongoing Phase IIb, basket trial of 11 anatomical tumor types of **combination Anktiva + checkpoint**
- **131 patients** have been enrolled to date
- **81 / 131 of these have lung cancer (78 NSCLC and 3 SCLC)**

Anticipated Next Steps

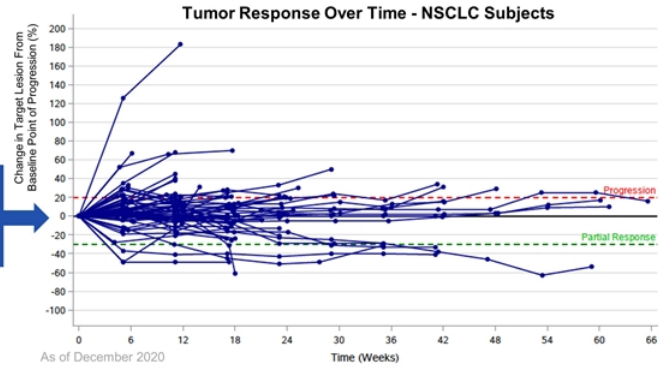
1H 2021: Data lock anticipated for the QUILT 3.055 lung cancer cohorts

In Discussions with Lung-MAP

Patients Receiving Checkpoint + Anktiva

Shows preliminary evidence of long-term stable disease in 2L/3L NSCLC patients who previously progressed

0 point baseline represents patients who were actively progressing on CPI prior to enrollment of study with Anktiva + CPI

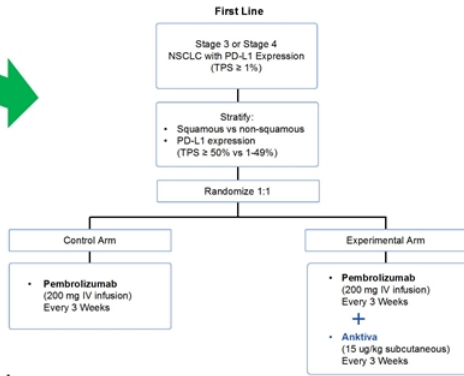


Anktiva as the Backbone to Checkpoint Therapy Registrational Trial: Anktiva + Checkpoint in First Line Lung Cancer (QUILT 2.023)

	Phase	Target Indication	Pre-clinical	Ph I	Ph II	Ph III	Fusion Proteins	Aldoxorubicin	Adenovirus	Natural Killer
Lung	III	1L Squamous & Non-Squamous Non-Small Cell Lung Cancer CPI Alone					✓ Anktiva			
	III	1L Non-Small Cell Lung Cancer CPI + Concurrent Chemo					✓ Anktiva			
	IIb	2L or Greater Checkpoint Relapsed Non-Small Cell Lung Cancer					✓ Anktiva			✓ PD-L1 t-haNK

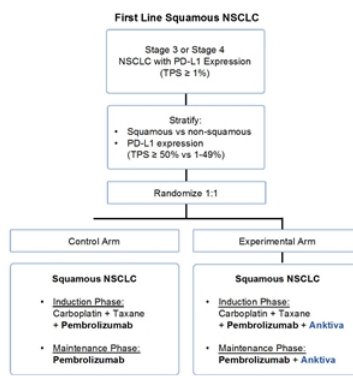
1L Squamous & Non-Squamous Non-Small Cell Lung Cancer CPI Alone

N = 726



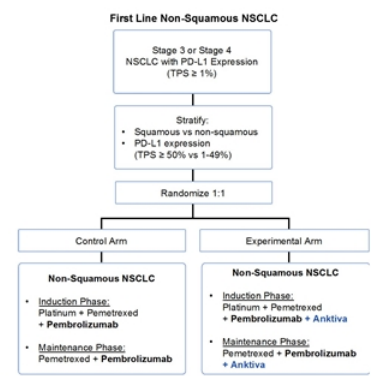
1L Non-Small Cell Lung Cancer CPI + Concurrent Chemo

N = 404



1L Non-Small Cell Lung Cancer CPI + Concurrent Chemo

N = 408



Actively Enrolling

ImmunityBio – March 2021

Checkpoint Failure Basket Trial – 135 Patients Enrolled

<u>Phase IIb: Multi-Cohort Basket Trial of CPI Failures</u>	<u>Enrolled Patients</u>
Lung Cancer: Non-Small Cell	18 / 18 Enrolling
Lung Cancer: Small Cell	10 / 10 Enrolled
Head & Neck Squamous Cell Carcinoma	8 / 18 Enrolling
Melanoma	15 / 18 Enrolling
Renal Cell Carcinoma	7 / 18 Enrolling
Gastric	3 / 18 Enrolling
Urothelial	1 / 18 Enrolling
Cervical	2 / 18 Enrolling
	10 / 20 Enrolling
High PD-L1 NSCLC	
	19 / 19 Completed Enrollment
NSCLC	



Triple Negative Breast Cancer (TNBC)

Updated March 2021

Triple Negative Breast Cancer Phase Ib/II

IND Filing by Q1 2021 for Randomized Phase 3 in TNBC

April 2020

FDA grants accelerated approval to sacituzumab govitecan-hziy for metastatic triple negative breast cancer

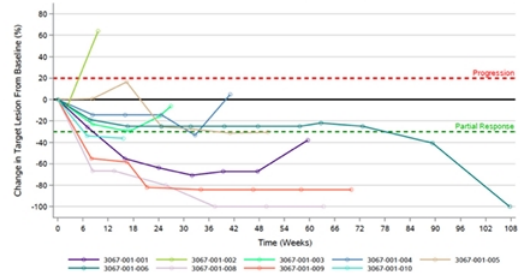
ORR was 33.3% (95% CI: 24.6, 43.1)
Median response duration was 7.7 months (95% CI: 4.9, 10.8)

A historical comparison. Not a head to head comparison

NantKwest Phase 1b / 2 TNBC Data (2nd Line or Greater)

ORR: 67%
Median PFS: 14.3 months
Median OS: 20.2 months

89%
(8/9) Subjects with Disease Control



Phase 3: Open-label, randomized, controlled, phase 3 trial of sacituzumab versus sacituzumab plus **Anktiva** and **PD-L1 t-haNK** for the treatment of subjects with advanced triple-negative breast cancer after prior therapy.

Planned N=374 (N=187 per Arm), Randomized 1:1, TNBC >2 Prior Treatments for Metastatic Disease

Anticipated Next Steps



Q1 2021: Protocol completed for Phase 3 TNBC

Q3 2021: Confirm registrational protocol design

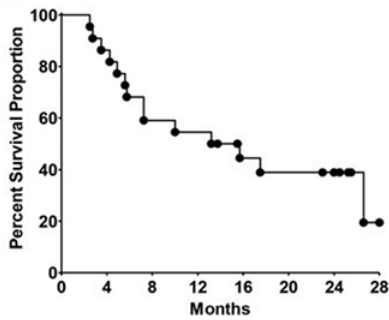


Metastatic Colon Cancer

Updated March 2021

Adenovirus Experience in Colon Cancer

Solid Tumors	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Adenovirus
Colon	I	CEA Expressing Tumors	Single Arm, Phase 1, CEA				✓ Anktiva	✓ hAd5-CEA
	II	3L Metastatic Colon Cancer	Single Arm, Phase 2, 3L Colon					✓ hAd5-CEA
	II	Metastatic or Unresectable Colon Cancer	Randomized, Phase 2, 2L or Greater Colon, NCI					✓ hAd5-CEA



- Kaplan-Meier survival plot on long-term overall survival of metastatic colorectal cancer patients immunized 3 times with the highest doses of our vaccine candidate, demonstrating a **median survival of 13 months**, with 19% of patients surviving 28-months.
- Cytolytic T cell responses increased after immunizations and cell-mediated immune (CMI) responses were induced
- Preliminary results revealed that activated CD4+ and CD8+ T cells were detected in a post-immunization sample exhibiting high CMI activity.
- While no head-to-head studies have been performed, this data compares favorably to historical controls of patients with late-stage metastatic colorectal cancer.
- In light of these favorable results, we are exploring a trial in late-stage colorectal cancer patients

HHS Public Access
 Author manuscript
 Cancer Immunol Immunother. Author manuscript; available in PMC 2016 August 01.
 Published in final edited form as:
 Cancer Immunol Immunother. 2015 August ; 64(8): 977-987. doi:10.1007/s00262-015-1706-4.

Extended evaluation of a Phase 1/2 trial on dosing, safety, immunogenicity, and overall survival after immunizations with an advanced generation Ad5 [E1-, E2b-]-CEA(6D) vaccine in late stage colorectal cancer



Liquid Tumors

Updated March 2021

A Leading Immunotherapy Platform in:

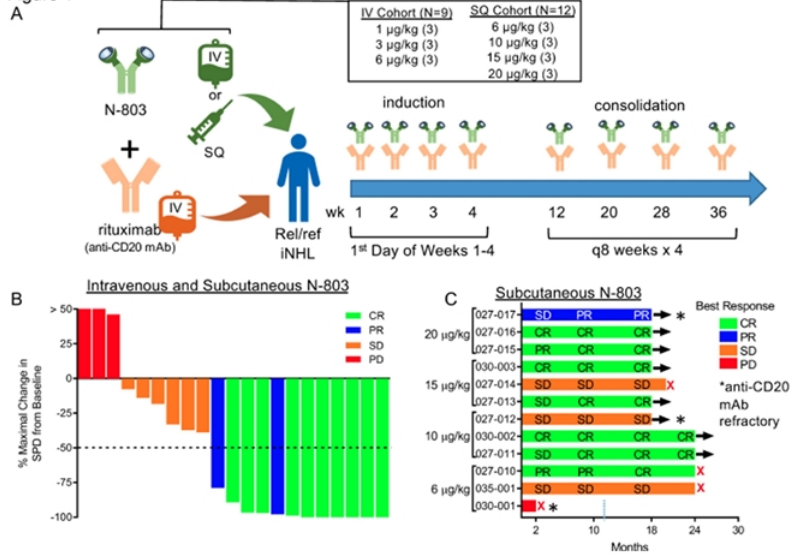
II. Liquid Tumors (Oncology)

Liquid	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	NK Cells	
iNHL	I / II	Relapsed / Refractory Indolent Non-Hodgkin's Lymphoma	Single Arm, Phase 1 / 2, iNHL				Anktiva		NCT02384954
Multiple Myeloma	I / II	Relapsed or Refractory Multiple Myeloma	Single Arm Phase 1 / 2, Multiple Myeloma				Anktiva		NCT02099539
	I	Multiple Myeloma & Lymphoma Relapse after Transplantation	Single Arm, Phase 1, Lymphoma & MM					aNK	NCT00990717
Lymphomas, AML, MDS	I	Hematological Malignancies Relapse After Allogenic Transplantation	Single Arm, Phase 1, Liquid Tumors				Anktiva		NCT01885897
	II	Adults w/ Relapsed or Refractory AML	Single Arm, Phase 2, AML				Anktiva		NCT03050216
	I	Acute Myeloid Leukemia & Lymphomas	Single Arm, Phase 1, AML & Lymphomas				Anktiva	Donor NK	NCT02890758
	II	Acute Myeloid Leukemia & Myelodysplastic Syndrome (MDS) Relapsed Prophylaxis	Single Arm, Phase 2, AML and MDS				Anktiva		NCT02782546
	I / II	Cytokine Induced Memory Like NK Cell After Hematopoietic Transplantation	Single Arm, Phase 1 / 2, AML				Anktiva	M-ceNK	NCT02989844
	I / II	Acute Myeloid Leukemia or Myelodysplastic Syndrome (MDS)	Single Arm, Phase 1 / 2, AML, MDS				Anktiva	M-ceNK	NCT01898793
	I	Diffuse Large B Cell Lymphoma	Single Arm, Phase 1, IND Authorized					CD-19 t-haNK	NCT04052061

Liquid Tumor Experience: Non-Hodgkin's Lymphoma

Liquid	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	NK Cells
iNHL	I / II	Relapsed / Refractory Indolent Non-Hodgkin's Lymphoma	Single Arm, Phase 1 / 2, iNHL				Anktiva	NCT02384954

Figure 1



- In the SQ dose finding, overall response rate (ORR) was 67% (8 of 12) in the SQ cohort.
- The majority of patients experienced reductions in the size of their lymph nodes.
- In the highest dose of SQ cohort, for patients with anti-CD20 mAb sensitive disease, the ORR in the SQ cohort was 78% (7 of 9).
- In the SQ cohort of the 7 who responded, 7 of 7 (100%) responses were complete remissions (CR).

A Leading Immunotherapy Platform in:

III. Infectious Diseases

Infectious Dis.	Phase	Target Indication	Preclinical	Ph I	Ph II	Ph III	Anktiva	Adenovirus
HIV	I	ACTG / NIAID: HIV Broadly Neutralizing Antibodies	Single Arm, Phase 1, HIV				✓ Anktiva	
	II	Thai Red Cross: Reducing HIV Persistence by IL-15	Randomized, Phase 2, HIV				✓ Anktiva	
COVID-19	I	COVID-19 Vaccine: hAd5 S+N USA (SC, SC)	Single Arm, Phase 1, COVID	Subcutaneous				✓ hAd5 S+N
		COVID-19 Vaccine: hAd5 S+N USA (SC, SL)	Single Arm, Phase 1, COVID	Sublingual				✓ hAd5 S+N
	I	COVID-19 Vaccine: hAd5 S+N USA (SC, Oral)	Single Arm, Phase 1, COVID	Oral Capsule				✓ hAd5 S+N
	I	COVID-19 Vaccine: hAd5 S+N South Africa (SC, SC)	Single Arm, Phase 1, COVID	Subcutaneous				✓ hAd5 S+N



COVID-19

Updated March 2021

ImmunityBio, A Leading 2nd Generation COVID-19 Vaccine

Addressing the Limitations of First Generation Vaccines

hAd5 S + N as the Universal T Cell Boost



Antigenic drift

Broader protection

Protection from Covid-19 mutations.

Dual construct approach S+N

Quad immunity

Enhanced protection

Antibody and T cell.

Mucosal and systemic immunity

Thermally stable

Global distribution

Distribution by mail.

Cold-chain free distribution means global market can be addressed

Oral delivery

Self-administration

No healthcare worker required.

No needles

No plastics, vials.

Repeat dosing

Reuse of vector

Oral dosing means no treatment limiting anti-vector immune response unlike injected administration.

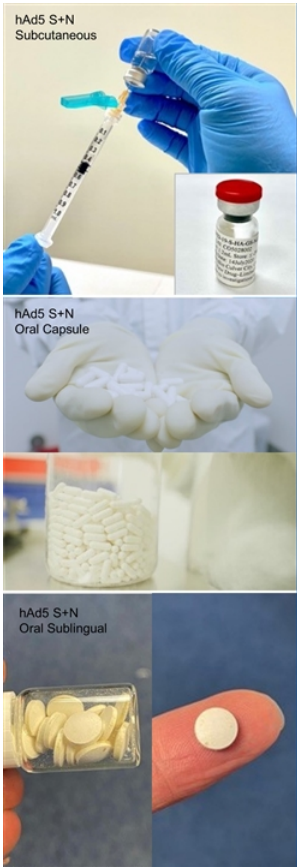
E2b- deletion

ImmunityBio – March 2021



One Vaccine, Three Routes of Protection Second Generation Universal Boost to S-Based Vaccines

In-House Large Scale hAd5 GMP Manufacturing Capacity



ImmunityBio – March 2021



ImmunityBio Announces Positive Interim Phase I Safety Data of hAd5 T-Cell COVID-19 Vaccine Candidate in Oral and Sublingual Formulations

PRESS RELEASES

Mar 15, 2021

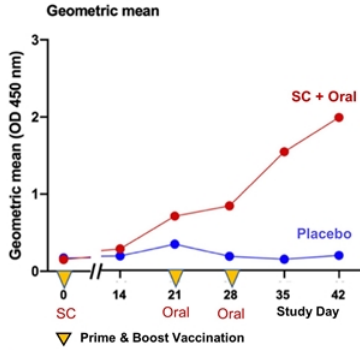
- Safety assessments completed for first 12 participants and no serious adverse events (SAEs) reported; trials expected to be fully enrolled in Q2
- First COVID-19 vaccine trials designed to deliver both S and N SARS-CoV-2 viral proteins via multiple routes—subcutaneous, sublingual, and oral
- Pre-clinical data from SARS-CoV-2 challenge study involving subcutaneous and oral immunization shows ImmunityBio's lead hAd5-COVID-19 T-cell vaccine candidate is protective in non-human primates (NHP) against high SARS-CoV-2 titer exposures
- Robust T cell and Memory B cell response to virus challenge results in inhibition of virus growth in nose and lungs with subcutaneous/oral vaccine combination in NHP study

CULVER CITY, Calif., March 15, 2021 – ImmunityBio, Inc. (NASDAQ: IBRX), a clinical-stage immunotherapy company, today announced it has met the safety requirements for the first 12 participants in its Phase Ib human adenovirus (hAd5)-based T-cell COVID-19 vaccine

hAd5 S+N: NHP Challenge Study – Operation Warp Speed

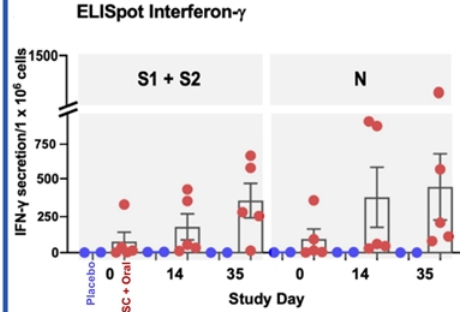
Antibodies

Anti-Spike IgG levels rise sharply after oral dosing



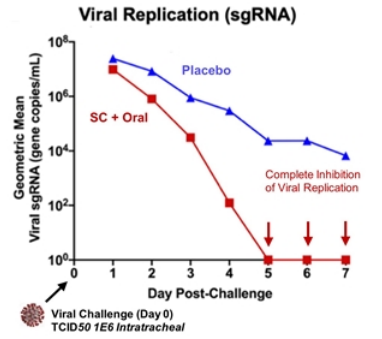
T cells

Induction of memory T cell (CD4⁺) response to both antigens



Protection

Rapid clearance of SARS-CoV-2 from nasal and airway tissue



In collaboration with:



ImmunityBio – March 2021

2009-2020 Clinical Experience with Second Generation E2b-Deleted Human Ad5 (hAd5) Humoral and Cell Mediated Immunity Even in the Presence of Previous Adeno Immunity

hAd5: Cell Mediated Immunity Focus

INFECTIOUS hAd5 EXPERIENCE

H1N1 Pandemic - 2009

NIH Public Access
Author Manuscript

Control of SIV infection and subsequent induction of pandemic H1N1 immunity in rhesus macaques using an Ad5 [E1-, E2b-] vector platform

HIV - 2009

Novel Adenovirus type 5 vaccine platform induces cellular immunity against HIV-1 Gag, Pol, Nef despite the presence of Ad5 immunity

H1N1 Pandemic - 2009

Vaccine

Prevention of influenza virus shedding and protection from lethal H1N1 challenge using a consensus 2009 H1N1 HA and NA adenovirus vector vaccine

SIV - 2011

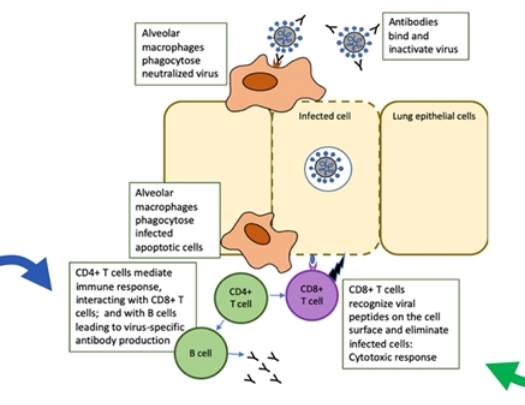
NIH Public Access
Author Manuscript

Induction and Comparison of SIV Immunity in Ad5 Naive and Ad5 Immune Non-human Primates using an Ad5 [E1-, E2b-] based vaccine

Lassa Fever - 2019

Vaccine

Adenoviral vector-based vaccine is fully protective against lethal Lassa fever challenge in Hartley guinea pigs



SARS-CoV-2 - 2020

**Non-Replicating Viral Vector
Second Generation (E2b-Deleted)
Human Adenovirus Type 5 (hAd5)**

**Coronavirus Vaccine Candidate:
hAd5 S-Fusion + N-ETSD
TCELLVACCINE Trial**

hAd5: Cell Mediated Immunity Focus

CANCER hAd5 EXPERIENCE

Cancer - 2009-2013

hAd5 CEA

A Preliminary and Comparative Evaluation of a Novel Ad5 [E1-, E2b-] Recombinant Based Vaccine Used to Induce Cell Mediated Immune Responses

Elizabeth S. Gabitzsch¹, Yoonyoung Jo¹, Andrea Amalfitano¹, and Frank R. J. Booy¹

Cancer Research 2009; 39: 3333-3339
DOI: 10.1158/0008-5472.CCR-09-0847.B

SHORT COMMUNICATION

Cancer CEA - 2010

hAd5 CEA

Anti-tumor immunotherapy despite immunity to adenovirus using a novel adenoviral vector Ad5 [E1-, E2b-]-CEA

Multiple Antigens - 2019

The Oncologist

hAd5 CEA
hAd5 MUC1
hAd5 Brachyury

A Phase I Trial Using a Multitargeted Recombinant Adenovirus 5 (CEA/MUC1/Brachyury)-Based Immunotherapy Vaccine Regimen in Patients with Advanced Cancer

Neopeptide - 2019

hAd5 Neopeptide

Efficient Tumor Clearance and Diversified Immunity through Neopeptide Vaccines and Combinatorial Immunotherapy

Frank R. Lee¹, Stephen C. Brier¹, Kristin C. Huh¹, Andrew Nguyen¹, Sofia B. Gama¹, Chulha Park¹, John A. Sordani¹, Zhen S. M. Bao¹, Christopher J. Lazarus¹, John H. Lee¹, Jeffrey Schmitt¹, and Jeffrey Schmitt¹

Cancer Immunology Research

QUILT Immunotherapy Trials - 2020

hAd5 PSA
hAd5 CEA
hAd5 MUC1

QUILT-3.055: A Study of Combination Immunotherapies in Patients Who Have Previously Received Treatment With Immune Checkpoint Inhibitors

ClinicalTrials.gov Identifier: NCT03228667



Summary

Updated March 2021

Combined Immunotherapy Platforms Better Positioned to Treat Patients

Expansive clinical-stage pipeline. 17 first-in-human molecules in 25 Phase II to III clinical trials across solid tumors, liquid tumors and infectious diseases. Breakthrough Therapy and Fast Track Designations for Anktiva for BCG-unresponsive NMIBC CIS.

Differentiated technology and assets. Best-in-class combined discovery and development platforms for novel therapies and next-generation early-stage candidates across immunotherapy, neoepitopes and molecules enhancing allogenic and autologous NK and T-cell therapies.

Cutting-edge cell manufacturing expertise and ready-to-scale facilities. GMP large scale adeno, protein and cell therapy manufacturing capacity. Extensive and seasoned R&D, clinical trial, and regulatory operations and development teams, will together occupy over 400,000 square feet of facilities.

Completed merger between ImmunityBio and NantKwest. ImmunityBio has the scale that will allow us to advance development of more novel therapies in oncology and infectious diseases, and accelerate work on ImmunityBio's unique COVID-19 vaccine.