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pursuant to Rule 14a-12 under the Securities Exchange Act of 1934
Subject Company: NantKwest, Inc.
Commission File No.: 001-37507



### ImmunityBio Announces Combination with NantKwest to Create a Clinical-Stage Immunotherapy Leader

December 21, 2020



# **Transaction Overview**

## Our Opportunity to Lead in Immunotherapy

Expansive clinical-stage pipeline and intellectual property. 13 assets in clinical trials, including 11 in Phase II to III clinical trials, as well as a strong global intellectual property portfolio of over 400 issued and pending worldwide patent applications with patent life extending to 2035 and beyond.

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

Cutting-edge cell manufacturing expertise and ready-to-scale facilities. Extensive and seasoned R&D, clinical trial, and regulatory operations and development teams, which together will occupy over 200,000 square feet of facilities devoted to manufacturing and R&D.

Improved ability to combine platforms and therapies. The transaction improves the ability to more seamlessly combine programs and leverage resources and expertise across both companies' platforms, ultimately strengthening the efforts of both companies on behalf of patients to drive better outcomes in the fight against oncology and infectious disease.

Significant potential for strategic and financial synergies. This opportunity will come from meaningful streamlining of clinical operations, therapeutic discovery and development, and manufacturing.

Transaction Overview Consolidated Pipeline ImmunityBio ImmunityBio Closing

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### Combined Immunotherapy Platforms Better Positioned to Treat Patients

#### 6 ImmunityBio

- Broad range of late-stage breakthrough designated immunotherapy platforms spanning NK and T cell platforms
- Promising early stage clinical and pre-clinical pipeline spanning infectious disease and oncology

#### NantKwest

- Proprietary natural killer (NK) cell platform spanning off-the-shelf & autologous stem cell NK platform
- Proprietary manufacturing processes and ready-toscale facilities

# MergeCo

An immunotherapy leader focused on treating cancer and infectious diseases by orchestrating the innate (NK) and adaptive (T cell) immune system

Both companies strongly aligned in culture, operations, combination trials and collaboration agreements.

Transaction Overview

Consolidated Pipeline

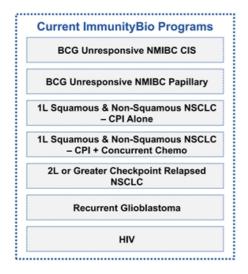
ImmunityBio

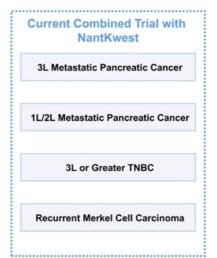
ImmunityBio – NantKwest Combinations

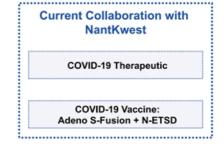
Closing

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## Combined Pipeline Addresses Vast Unmet Needs Across Oncology and Infectious Disease







Note: 1L, 2L, 3L represent 1st Line, 2st Line and 3st Line; BCG: Bacillus Calmette-Guerin; NMIBC: Non-muscle invasive bladder cancer; CIS: Carcinoma insitu disease; CPI: Checkpoint inhibitor; NSCLC: Nonsmall cell lung cancer; TNBC: Triple negative breast cancer

Transaction Overview Consolidated Pipeline ImmunityBio ImmunityBio Closing

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# Phase II / III Data in BCG-Unresponsive NMIBC CIS

Ongoing Study

## ImmunityBio Announces Primary Endpoint Met of Phase 2/3 Trial for BCG Unresponsive Non-Muscle Invasive Bladder Cancer CIS with 72% Complete Response Rate

- QUILT 3.032 study completes planned enrollment of BCG unresponsive non-muscle invasive bladder cancer CIS cohort with 59% probability of patients maintaining complete response for at least 12 months
- · Over 85% of patients in this study have avoided a cystectomy to date
- . Breakthrough status for ImmunityBio's superagonist Anktiva N-803 in this indication
- · Biological licensing application filing anticipated in second half of 2021

CULVER CITY, Calif., December 21, 2020 — ImmunityBio, Inc., a privately-held immunotherapy company, today announced positive data from the first cohort of a pivotal Phase 2/3 trial (QUILT 3.032) for non-muscle invasive bladder cancer in high risk carcinoma in situ (CIS) disease. The data showed 51 out of 71 evaluable patients (72%) had a complete response (at any time) to intravesical BCG plus N-803 (Anktiva), with 59% probability of these patients maintaining a complete response for at least 12 months, with a median duration of complete response of 19.2 months to date.

With the observed efficacy and only 1% of patients reporting treatment emergent serious adverse events, but none of which were treatment-related, the data support the potential for Anktiva + BCG as a novel option for BCG unresponsive CIS, a therapeutically challenging disease. Patients with BCG unresponsive CIS disease face surgical removal of the bladder, a procedure fraught with high morbidity and mortality.

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# Significant Market Opportunity for Lead Programs

**BCG Unresponsive Non-Muscle** Invasive Bladder Cancer

Bladder cancer patients in the U.S.



Targeted patients in the U.S.

Non-Small Cell Lung Cancer

1L Squamous & Non-Squamous

~106k

Targeted 1L patients in the U.S.



2L or Greater Checkpoint Relapsed NSCLC

~21k

patients in the U.S.

**Pancreatic Cancer** 

3L Metastatic **Pancreatic Cancer** 

~31k

Targeted 3L patients in the U.S.



1L/2L Metastatic **Pancreatic Cancer** 

Targeted 1L and 2L, respectively, patients in the U.S. COVID-19

COVID-19 Vaccine

~350mm

Targeted patients in the U.S.

Transaction Overview

Consolidated Pipeline

**ImmunityBio** 

ImmunityBio -NantKwest Combinations

Closing

## Highly Experienced Management Team with Proven Track Record



Patrick Soon-Shiong, MD Executive Chairman



Rich Adcock, MBA CEO



David Sachs, MBA CFO



Lennie Sender, MD coo



Bobby Reddy, MD СМО



Fabio Benedetti, MD Chief Strategy Officer \*



Steve Yang, JD General Counsel



Sarah Singleton Chief Marketing Officer



Shahrooz Rabizadeh, PhD CSO



Kayvan Niazi, PhD CTO



Maureen Becker SVP, Human Resources



Hans Klingemann, MD, PhD VP Research & Development

\* Starting 04-Jan-2021

**ImmunityBio** 

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Transaction Overview

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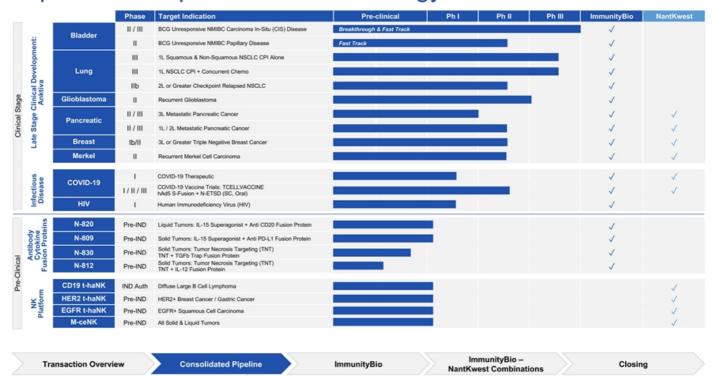
# **Transaction Details**

Key Transaction Terms	<ul> <li>New issuance ratio of 0.819 shares of NantKwest for every share of ImmunityBio</li> <li>Results in pro forma ownership of 72% ImmunityBio shareholders and 28% NantKwest shareholders</li> </ul>
Consideration Mix	100% stock-for-stock merger
Timing / Approvals	<ul> <li>Subject to customary conditions, including NantKwest shareholder approval (including "majority of minority" shareholder approval)</li> <li>Expected to close in 1H 2020</li> </ul>
Transaction Overview	Consolidated Pipeline ImmunityBio ImmunityBio Closing



# Consolidated Pipeline

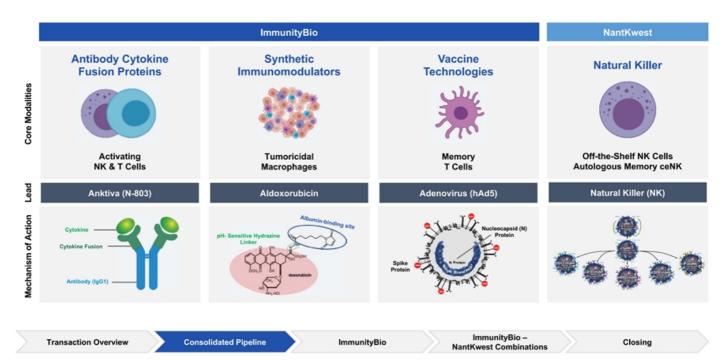
## Unparalleled Pipeline Across Oncology and Infectious Disease



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# **Unparalleled Immunotherapy Platform**



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# Selected Summary of Upcoming Catalysts

	Ph	Trial	Status	Timing	
Bladder	11 / 111	BCG Unresponsive NMIBC Carcinoma In-Situ (CIS) 2L	Full Accrual     Initial Readout for FDA     BLA Filing	<ul><li>Q4 2020</li><li>1H 2021</li><li>2H 2021</li></ul>	
	II	BCG Unresponsive NMIBC Papillary 2L	Full Accrual     Initial Readout	• Q4 2021 • Q1 2022	
Lung	III III	Non-Small Cell Lung 1L CPI Chemo Free  Non-Small Cell Lung Cancer 1L CPI + Concurrent Chemo  Checkpoint Relapsed Lung 2L or Greater	<ul> <li>Activating Sites / Enrolling Patients</li> <li>Activating Sites / Enrolling Patients</li> <li>Confirm Registrational Protocol Design</li> </ul>	<ul><li>Ongoing</li><li>Ongoing</li><li>Q1 2021</li></ul>	
Pancreatic	11 / 111	Pancreatic Cancer 3L	Confirm Registrational Protocol Design	• Q2 2021	
Breast	lb / II	Triple Negative Breast Cancer 2L or Greater	Confirm Registrational Protocol Design	• Q2 2021	
Glioblastoma	II	Recurrent Glioblastoma	Confirm Registrational Protocol Design	• Q1 2021	
Merkel Cell Carcinoma	II	Merkel Cell Carcinoma	Activating Sites / Enrolling Patients	<ul> <li>Ongoing</li> </ul>	
COVID-19	1/11/111	Human Adenovirus (hAd5) COVID-19 Vaccine (TCELLVACCINE)	accine (TCELLVACCINE) • Phase I Readout •		
Transaction	Overview	Consolidated Pipeline ImmunityBio	ImmunityBio – NantKwest Combinations	Closing	

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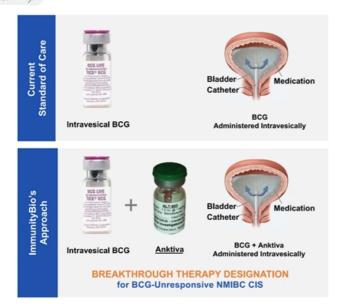


# Introduction to ImmunityBio

ImmunityBio – NantKwest Combinations

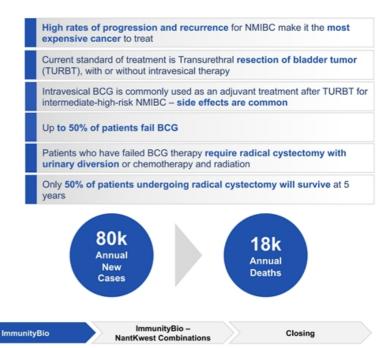


## Overview of Non-Muscle Invasive Bladder Cancer



Transaction Overview

Consolidated Pipeline



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### Phase I Results in NMIBC

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

Dose (intravesicular instillation)			Response Assessments							
	Patient	Stage	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" -- No Recurrence (NR) in Papillary Diseas CR" -- Negative Cystoscopy Inconclusive Cytolog 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

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# 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% Cl ≥ 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 72% (95% CI: 60%, 82%)
- SAE rate of 1%

Next Steps

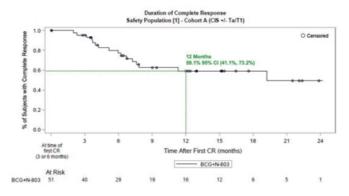
1H 2020: Initial FDA Readout Ph II / III BCG Unresponsive NMIBC

Carcinoma In-Situ CIS 2nd Line

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

#### Secondary Endpoint | Duration of Complete Response

- CR at 12 and 15 months
- 59% (95% CI: 41.1%, 73.2%) probability of patients maintaining CR for 12 months



Data as of 04-Dec-2020 Cut-Off

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## Phase III Data in **BCG-Unresponsive NMIBC Papillary**

Primary Endpoint Disease Free Rate at 12 Months

Primary Endpoint: 12-month disease free rate ≥ 30% and lower bound of 95% CI ≥ 20%

To meet the primary endpoint, 24 out of 80 patients must be Disease Free at 12 months

- Accrued 57 out of 80 patients required
  - 39 patients evaluable at 12 months
- Results to date: 19 patients out of 39 (49%) are Disease Free at 12 months (95% CI: 32%, 65%)
- Number of patients requiring cystectomy to date: 0

By end of Q2 2021: 9 current disease free patients potentially reaching 12 months Next Steps

Q3 2021: Ph III BCG Unresponsive NMIBC Papillary 2nd Line **Full Accrual** 

Q4 2021: Ph III BCG Unresponsive NMIBC Papillary Initial Readout

ImmunityBio -Transaction Overview Consolidated Pipeline **ImmunityBio** Closing **NantKwest Combinations** 



## Review of Unmet Need in Lung Cancer

Lung cancer is the second most common cancer in the United States



#### Monoclonal antibodies targeting PD-1 and PD-L1:

Nivolumab, pembrolizumab, durvalumab and atezolizumab are FDA-approved

Current standard of care results in patient responses that may be short lived, ranging from late response to progression after achieving an initial response

Strong rationale to evaluate Anktiva + anti–PD-1 or anti–PD-L1 checkpoint inhibitor for patients with NSCLC who have relapsed after achieving an initial response to PD-1 or PD-L1 blockade therapy

Transaction Overview

Consolidated Pipeline

**ImmunityBio** 

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# Phase IIb Data in Lung Cancer 2<sup>nd</sup> and 3<sup>rd</sup> Line NSCLC

#### **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)
- Selected for Lung MAP 2L NSCLC trial

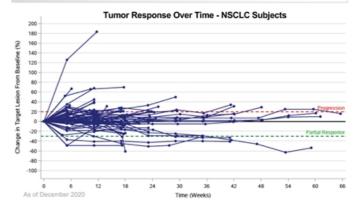
Next Steps

Dec 2020: Lung cohorts to reach full enrolment

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

#### Patients Receiving Checkpoint + Anktiva

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



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**ImmunityBio** 

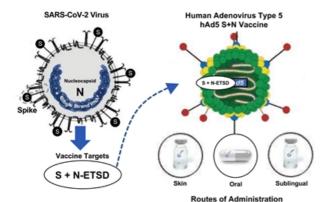
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## COVID-19 Vaccine hAd5 S+N COVID-19 T Cell Vaccine

Oral vaccine offers unique advantages compared to other injection-based vaccines in development.



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

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

Reduced adverse effects of vector-viral proteins

Potential long-lasting immunity against COVID-19

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

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

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## ImmunityBio's HIV Anktiva Program

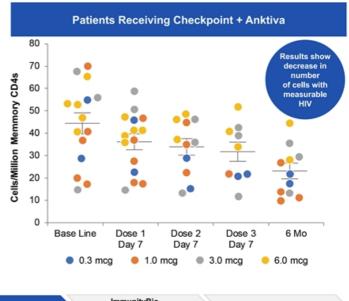
## HIV Data Clinical Evidence of Viremia Control in HIV Patients

- Phase I clinical dose escalation study:
  - Evidence for virus transcription
  - Suggestion of reservoir reduction in Peripheral Blood Mononuclear Cells (PBMC)
  - No evidence for production of IL-15 antibodies or cytokine side effects

Next Steps

Additional Ph I trial evaluating Anktiva in combination with adoptive transfer of haplo-identical NK cells

Additional protocol in development



Transaction Overview

Consolidated Pipeline

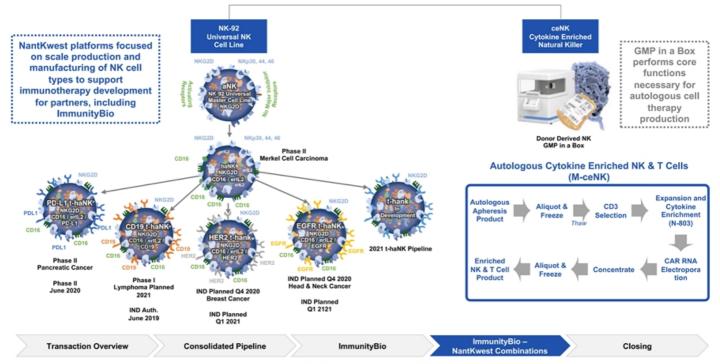
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## Overview of NantKwest NK Cell Production Platform



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Next Steps

# Pancreatic Cancer Program Overview PD.L1 t-haNK



279k Annual New Cases



43k Annual Deaths

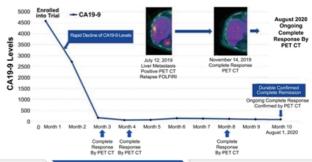
Q1 2021: Planned end of Phase II and SPA meeting with FDA to confirm registrational protocol design for 1L, 2L and 3L indications

#### **2L Metastatic Pancreatic Cancer Data**

- Anktiva and aldoxorubicin combined with off-the-shelf NK cells and other agents showed a durable complete remission in patients with advanced disease
- 82% of patients (14 / 17) with advanced pancreatic cancer achieved disease control

Single Patient IND (spIND)

Complete Response in 2<sup>nd</sup> Line Metastatic Pancreatic Cancer



Transaction Overview

Consolidated Pipeline

ImmunityBio

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# Triple Negative Breast Cancer (TNBC) Program Overview PD-L1 t-haNK



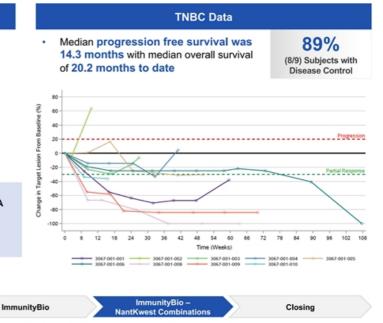
 Standard of care: Checkpoint inhibitors, such as atezolizumab

Next Steps

Transaction Overview

Q2 2021: Planned end of Phase Ib / II and SPA meeting with FDA to confirm registrational protocol design for 3rd line or greater TNBC registrational trials randomized against sacituzumab govitecan

Consolidated Pipeline





### Merkel Cell Carcinoma Program Overview Anktiva + CD-16 haNK



Standard of care: surgery, chemotherapy and radiation

New

Next Steps

Continue to add sites and seek out patients given small population of patients

#### **Approach and Development Plan**

- Single-arm study of Anktiva in combination with CD-16 expressing, off-the-shelf NK and avelumab (anti PD-L1 checkpoint inhibitor)
- First clinical trial patient was dosed in Phase II study in March 2020
- In the Phase I study, promising findings were noted with this combination, resulting in complete remission lasting for 4 years to date

Transaction Overview Consolidated Pipeline Closing **ImmunityBio** 

# Closing



## Compelling Strategic Rationale for Combination

#### 6 ImmunityBio

- Broad range of late-stage breakthrough designated immunotherapy platforms spanning NK and T cell platforms
- Promising early stage clinical and pre-clinical pipeline spanning infectious disease and oncology

#### NantKwes

- ✓ Proprietary natural killer (NK) cell platform spanning off-the-shelf & autologous stem cell NK platform
- Proprietary manufacturing processes and ready-toscale facilities

# MergeCo

O ImmunityBio OI

An immunotherapy leader focused on treating cancer and infectious diseases by orchestrating the innate (NK) and adaptive (T cell) immune system

Both companies strongly aligned in culture, operations, combination trials and collaboration agreements.

Transaction Overview

Consolidated Pipeline

**ImmunityBio** 

ImmunityBio – NantKwest Combinations

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# **Next Steps**

# Required Approvals

- SEC clearance of registration statement / proxy
- NantKwest shareholder vote (Q1 2021)
- Transaction subject to customary closing conditions until closing, NantKwest will continue to operate as a separate and independent company

#### Timing Expectations

- Registration statement / proxy
- January: Submit and publicly file proxy
- March: Shareholder vote
- · March: Close transaction

Transaction Overview Consolidated Pipeline ImmunityBio ImmunityBio - Closing

Closing

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## Forward-Looking Statements

- This presentation contains forward-looking statements relating to the proposed transaction involving NantKwest, Inc. ("NantKwest") and ImmunityBio, Inc. ("ImmunityBio"), including financial estimates and statements as to the expected timing, completion and effects of the proposed transaction and statements relating to NantKwest and ImmunityBio" stuter success in improving the treatment of various diseases and illnesses, including, but not limited to COVID-19 and cancer. Statements in this communication that are not statements of historical fact are considered forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Exchange Act"), which are usually identified by the use of words such as "anticipates," "believes," "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 NantKwest's management and ImmunityBio: smanagement as well as assumptions made by and information currently available to NantKwest and ImmunityBio. Such statements reflect the current views of NantKwest and 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 NantKwest and ImmunityBio, including, without limitation, (i) inability to complete the proposed transaction because, among other reasons, conditions to the closing of the proposed transaction may not be satisfied or waived, (ii) uncertainty as to the timing of completion of the proposed transaction, (iii) potential adverse effects or changes to relationships with employees, suppliers or other parties resulting from the announcement or completion of the proposed transaction, (iv) possible disruptions from the proposed transaction may not be antifered by long
- Certain information contained in this presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and
  NantKwest's and ImmunityBio's own internal estimates and research. While NantKwest and ImmunityBio believe these third-party sources to be reliable as of the date of
  this communication, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained
  from third-party sources. In addition, all of the market data included in this communication involves a number of assumptions and limitations, and there can be no
  guarantee as to the accuracy or reliability of such assumptions. Finally, while NantKwest and ImmunityBio each believes its own internal research is reliable, such
  research has not verified by any independent source.

### Additional Information and Where to Find It

- This presentation is not intended to and does not constitute an offer to sell or the solicitation of an offer to buy, sell or solicit any securities or any proxy, vote
  or approval in any jurisdiction pursuant to or in connection with the proposed transaction or otherwise, nor shall there be any sale of securities in any
  jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No
  offer of securities shall be deemed to be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933.
- In connection with the proposed transaction, NantKwest intends to file a registration statement on Form S-4 with the SEC, which will include a prospectus and joint solicitation statement of NantKwest and ImmunityBio (the "solicitation statement/prospectus"). NantKwest may also file other documents regarding the proposed transaction with the SEC. This communication does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval. This communication is not intended to be, and is not, a substitute for such filings or for any other document that NantKwest may file with the SEC in connection with the proposed transaction. BEFORE MAKING ANY VOTING OR INVESTMENT DECISION, INVESTORS AND SECURITY HOLDERS ARE URGED TO CAREFULLY READ THE ENTIRE REGISTRATION STATEMENT AND SOLICITATION STATEMENT / PROSPECTUS, WHEN THEY BECOME AVAILABLE, AND ANY OTHER RELEVANT DOCUMENTS FILED WITH THE SEC, AS WELL AS ANY AMENDMENTS OR SUPPLEMENTS TO THESE DOCUMENTS, CAREFULLY AND IN THEIR ENTIRETY BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION. Investors and security holders will be able to obtain free copies of the registration statement/prospectus and other documents filed with the SEC by NantKwest through the website maintained by the SEC at www.sec.gov. In addition, investors and security holders will be able to obtain free copies of the prospectus and other documents filed with the SEC on NantKwest's website at www.ir.nantkwest.com.
- NantKwest and certain of its respective directors and executive officers may be deemed to be participants in the solicitation of proxies from stockholders of NantKwest in connection with the proposed transaction under the rules of the SEC. Investors may obtain information regarding the names, affiliations and interests of directors and executive officers of NantKwest in NantKwest's proxy statement for its 2020 annual meeting of stockholders, which was filed with the SEC on April 24, 2020, as well as its other filings with the SEC. Other information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, will be included in the registration statement, solicitation statement / prospectus and other relevant materials to be filed with the SEC by NantKwest regarding the proposed transaction (if and when they become available). You may obtain free copies of these documents at the SEC's website at www.sec.gov. Copies of documents filed with the SEC will also be available free of charge from NantKwest using the sources indicated above.