

Corporate Presentation:

May 2024 NASDAQ: CDTX

Forward-Looking Statements

These slides contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995.

The words "may," "will," "estimate," "plan", "anticipate," "expect," "potential," "could," "project," and similar expressions (including the negative thereof), are intended to identify forward-looking statements. Because such statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Such statements include, but are not limited to, statements regarding Cidara's research and development efforts; preclinical and clinical development activities; plans, projections and expectations for and the potential effectiveness, safety and benefits of, its product candidates, including CD388, CBO421 and other antiviral and oncology product candidates from the Cloudbreak platform; whether CD388 may have significant advantages beyond and in addition to flu vaccines; and advancement of its strategic plans

Projections, assumptions and estimates of the future performance of the markets in which Cidara operates are necessarily subject to a high degree of uncertainty and risk, including, Cidara's ability to obtain additional financing; the success and timing of Cidara's preclinical studies, clinical trials and other research and development activities; receipt of necessary regulatory approvals for development, as well as changes to applicable regulatory laws in the United States and foreign countries; changes in Cidara's plans to develop its product candidates; Cidara's ability to obtain and maintain intellectual property protection for its product candidates; and the loss of key scientific or management personnel. These and other risks and uncertainties are described more fully in Cidara's Annual Report on Form 10-K for the fiscal year ended December 31, 2023 filed with the United States Securities and Exchange Commission ("SEC") on April 22, 2024, and in Cidara's other filings with the SEC.

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CD388 Reacquired from Janssen Pharmaceuticals



Cidara Therapeutics Reacquires Global Development and Commercial Rights to CD388 and Announces Private Placement Financing of \$240 Million

- \$240 million private placement financing led by RA Capital Management with significant participation by Bain Capital Life Sciences as well as BVF Partners and Canaan Partners to fund Phase 2b clinical trial
- CD388, which is active against all strains of influenza A and B, is being developed for pre-exposure prophylactic treatment



Approximately **\$67M** in clinical development and CMC costs over next three years

Approximately **\$61M** in forecasted obligations through the patent life of rezafungin

Cost savings to be applied to advancing CD388 and other Cloudbreak development programs, including CBO421



The New Cidara – Cloudbreak[®] Drug Fc Conjugate (DFC)Programs

CLOUDBREAK	Program	Indication	Discovery	Preclinical	IND-enab.	Phase 1	Phase 2
CD388; Phase 2a completed	Viral Neuraminidase	Prevention of Seasonal Influenza	CD388				
CD73 development candidate	CD73	Solid Tumors, TNBC ¹	CBO421				
Dual inhibitor program	PD-1/ CD73	Solid Tumors					
Chemokine receptor program	CCR5	Solid Tumors					

Note: Additional programs in preclinical development not disclosed



Cloudbreak DFCs: A Modular Platform With Broad Applications Across Multiple Therapeutic Areas



A uniquely tunable platform that combines and expands upon the strengths of small molecule (SM) and antibody therapeutics



Small molecule Targeting Moiety (TM)

All the strengths of mAbs with several potential advantages

- Efficient targeting of cryptic sites and small molecule receptors
- Tunable valency to exploit avidity for improved potency
- Multiple routes to low molecular weight multispecific agents

Non-cleavable linker

No intracellular exposure = Superior safety vs small molecule drugs

- Greater freedom to optimize TMs for target potency
- Potential to inhibit "undruggable" targets

Proprietary hlgG1 CH1-Fc hybrid domain

Multiple tunable attributes

- Immune effector function
- Half-life extension

2.5x smaller than mAbs

• Superior tissue/tumor penetration



DFCs May Improve Small Molecule Drug Potency and Safety





DFCs Have Reduced Potential for Off-Target Toxicity

DFCs can exploit drug targets that are difficult to drug with small molecules (SMs)





*Kim, et. Al., "CCR5 receptor antagonists in preclinical to phase II clinical development for treatment of HIV". Expert Opinion on Investigational Drugs, 2016 VOL. 25, NO. 12, 1377–1392.

http://dx.doi.org/10.1080/13543784.2016.1254615 hERG = human ether-a-go-go-related gene

Cidara's Pipeline Targets Multiple Unmet Medical Needs





The Problem: A "Universal" Flu Vaccine Does not Exist

Influenza worldwide death rates >650,000 per year ²



Clin Infect Dis. 2021;73(11): e4353-e4360.

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^{1. &}lt;u>https://www.cdc.gov/flu/vaccines-work/past-seasons-estimates.html</u>

^{2.} Estimates of global seasonal influenza-associated respiratory mortality: a modelling study. Lancet. 2018 Mar 31;391(10127):1285-1300.

^{3.} Laboratory-Confirmed Influenza Hospitalizations (cdc.gov)

^{4.} Hughes K, Middleton DB, Nowalk MP, et al. Effectiveness of Influenza Vaccine for Preventing Laboratory-Confirmed Influenza Hospitalizations in Immunocompromised Adults.

CD388 Development Data Confirm the Target Product Profile (TPP)

CD388 is being developed for pre-exposure prophylaxis for influenza



Single dose /~ 4-6 months Promising Phase 2a data

	DFCs
Potential for Universal protection	Yes
Potential to protect high-risk groups	High
Potential for prevention and treatment	Yes
Scale and cost	Attractive



Opportunity: First "Universal" Influenza Preventative

CD388 has the potential to be the first therapeutic to provide season-long, universal influenza protection





- Reacquired Global Development and Commercial Rights from Janssen April'24
- Phase 2a results achieved safety, efficacy and PK objectives
- Coverage of diverse panels of seasonal and pandemic strains¹
- Single SQ or IM dose per flu season
- Streamlined, low-cost manufacturing process, low cost of goods (COGs)
- High concentration formulations, compatible with SQ or IM dosing
- Low immunogenicity
- Well-tolerated in Phase 1 and 2a



Phase 2a clinical proof of concept supports advancement to pivotal studies



Comprehensive Global IP Protects CD388 Exclusivity

Two Issued US Composition of Matter Patents – US Exclusivity to Sept. 2039 (+ PTE)



Portfolio Highlights:

- Global Portfolio Pending in 31 Jurisdictions
- Eight Patent Families Directed to:
 - CD388 Composition of Matter^{*}
 - Fc Construct Composition of Matter
 - Conjugation Methods^{*}
 - Dosing Regimens
- CD388 Composition of Matter Coverage Includes:
 - Zanamivir Conjugation Point Optionality*
 - Multiple Covalent Linker Options (length, composition, dimer spacer)*
 - Wide Drug-Antibody Ratio (DAR) Range*





CD388 Is Differentiated From Other Influenza Prophylactics

CD388 is the most advanced small molecule or peptide biologic conjugate in clinical development¹

Companies in Space	CIDARA THERAPEUTICS	sanofi GSK Spizer moderna Others ³	moderno Exercised Protection Mathematical Pr	NIR / GSK Others⁵
Modality	DFC (CD388)	Vaccines – strain specific (mRNA, conventional e.g. Fluzone)	Vaccines – Universal (mRNA, protein-based)	Monoclonal antibodies
Stage of Development	P2	Approved/P3	P2/3	Failed/Terminated
Spectrum	Universal ²	Strain specific	Universal	Influenza A ⁵
Efficacy in High-Risk Populations	Yes ²	Low/None ³	Low/None	Yes
Route of Administration	SC/IM	SC/IM	SC/IM	IV ⁵

1. Based on Clinicaltrials.org.

2. Based on preclinical data.

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3. Moderna quadrivalent mRNA vaccine (mRNA 1010) may perform better than conventional vaccines in elderly adults based on Phase 3 topline data https://s29.q4cdn.com/435878511/files/doc_downloads/program_detail/2024/flu-11-02-23.pdf.

4. Gupta and Mohan Journal of Genetic Engineering and Biotechnology (2023) 21:154 https://doi.org/10.1186/s43141-023-00581-y

5. Includes: Celltrion mAb cocktail (CT-P27) (NCT03511066), Medimmune (MEDI8552) (NCT02603952), NIAID/Crucell (CR6261, CR8020) (NCT01992276), Roche (MHAA45498) (NCT02293863), Visterra (Vis410) (NCT03040141 – only tested as

treatment). Vir 2482 was IM dosed in a phase 2b prophylaxis study, but failed to meet efficacy endpoints (NCT05567783)



CD388: Potential First "Universal" Influenza Preventative

CD388 retains potent antiviral activity across diverse seasonal and high pathogenicity strains, including H5N1



OST = Oseltamivir carboxylate; ZAN = Zanamivir; BXA = Baloxavir acid



Potential for Single Dose, Long-Acting Prevention in Lethal Models

CD388 has the potential to be the first therapeutic to provide season-long, universal influenza protection



Exposure selected for clinical development



CD388 protected mice from lethal infection across broad panels of influenza H1N1, H3N2, B/Vic and B/Yam strains at doses ≤ 1 mg/kg



CD388 Retains In Vivo Activity Against Highly NAI Resistant Strains

Protective dose of CD388 does not shift in mice infected with matched NAI sensitive and NAI resistant strains



Churchin	Neuraminidase in	hibition IC ₅₀ (nM)	Protective dose (mg/kg)		
Strain	CD388	Zanamivir	CD388	Zanamivir	
B/Laos/0080/2016 H134 (NAI-S)	7.44	2.61	0.3	1	
B/Laos/0654/2016 H134N (NAI-R)	4.66	310.8	0.3	10	



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CD388 Reduces Viral Burden in Lung

Unlike oseltamivir, CD388 demonstrates robust, dose dependent viral clearance in lungs



Study Details:

- Mouse adapted A/Puerto Rico/8/1934 (H1N1) (n=5 mice/arm)
- Treatment initiated 2 hours post infection
- Oseltamivir dosed twice daily (10x human equivalent dose)
- CD388 dosed once
- Viral burden assessed four days after lethal challenge



CD388 potently inhibits NAI resistant strains with improved pharmacodynamics



CD388 Properties Enable Flexible Dosing Options

Equivalent efficacy whether dosed via IV, subcutaneous or intramuscular injection¹





CD388 Nonclinical Summary

Data support potential for single dose "universal" prevention and treatment

Efficacy & PK	 Potent in-vitro and in-vivo activity against all tested seasonal and pandemic strains of influenza A and B, including strains resistant to zanamivir and tamiflu (neuraminidase inhibitors) Equivalent exposure and efficacy via IV, subcutaneous or intramuscular administration Equivalent efficacy in immune-competent and immune compromised mouse models Supports potential for single dose of 1.0 mg/kg to provide protection for flu season
Safety	 Well-tolerated at doses up to 500 mg/kg (vs projected 1.0 mg/kg efficacious dose for 100% protection in lethal models) Anti-drug antibodies directed to the human Fc fragment, not the targeting moiety (TM) No concerning findings in reproductive or genotoxicity studies





First in human Phase 1 study	A Phase 1, Randomized, Double-Blind, Single-Dose and Repeat Single Dose, Dose-Escalation Study to Determine the Safety, Tolerability, and Pharmacokinetics of CD388 Intramuscular or Subcutaneous Administration in Healthy Subjects (63 subjects)
Japan bridging Phase 1 study	A Phase 1, Randomized, Double-Blind, Single Ascending Dose Study to Determine the Safety, Tolerability, and Pharmacokinetics of CD388 Subcutaneous Administration in Healthy Japanese Subjects (21 subjects)
Phase 2a study	A proof-of-concept, randomized, double-blind, placebo-controlled, Phase 2A study to assess the prophylactic antiviral activity against influenza, safety, tolerability, and pharmacokinetics of CD388 via a human viral challenge model (30 subjects)



CD388 Was Well-Tolerated for Up To 900 MG

Safety data from First-in-Human, Japanese Bridging and Human Challenge studies

Number of participants that received one dose of CD388 in Phase 1 and Phase 2a studies (as of Aug 2023)

Dose	FIH	JBS	HCS	Total
50 mg	18	7	2	27
150 mg	18	7	28	53
450 mg	18	7	0	25
900 mg	9	0	0	9
All Doses	63	21	30	114

FIH- First in Human study; **JBS-** Japanese Bridging study; **HCS-** Human Challenge study

Safety Summary

- No treatment-emergent SAEs and no discontinuation of study drug or withdrawals due to safety findings
- No consistent AE patterns
- No hypersensitivity reactions
- Most TEAEs Grade 1 (90%), few Grade 2, all resolved
- Incidence of TEAE not dose-dependent
- Few injection site events (pain, IM route mainly), Grade 1, all resolved spontaneously
- No clinically relevant ECG, vital signs or physical exam abnormalities



CD388 Demonstrated Efficacy in Phase 2a

Endpoint	Placebo N=28	CD388 150 mg N=28	P-value
qRT-PCR confirmed influenza infection *	14 (50%)	6 (21%)	0.0248
qRT-PCR confirmed symptomatic influenza infection **	9 (32%)	4 (14%)	0.1023
qRT-PCR confirmed moderately to severe symptomatic influenza infection ***	7 (25%)	3 (11%)	0.1477

Mean VL from qRT-PCR



*RT-PCR-confirmed influenza infection: 2 quantifiable (> lower limit of quantification [LLOQ]) qRT-PCR measurements (reported on 2 or more independent samples over 2 days), from Day 1 (pm) up to Day 8 (am). **RT-PCR-confirmed symptomatic influenza infection: RT-PCR-confirmed influenza infection (2 quantifiable [>LLOQ] qRT-PCR measurements [reported on 2 or more independent samples over 2 days]), from Day 1 (pm) up to Day 8 (am), AND symptoms >2 at a single time point.



***RT-PCR-confirmed moderate to severe symptomatic influenza infection: RT-PCR confirmed influenza infection (2 quantifiable [>LLOQ] qRT-PCR measurements [reported on 2 or more independent samples over 2 days]), from Day 1 (pm) up to Day 8 (am), AND any symptoms of grade >2 at a single time point.

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Viral Culture Data Confirmed Efficacy Seen in Early Analyses

/iral challenge Placebo 2.5 Mean (+/- Cl 95%) - VL from Viral CD388 150 mg Culture (log10 TCID50/mL) 2.0 1.5 .0 0.5 0.0 0, 034 Q. 1 034 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,4

Mean VL from Viral Culture

Visit/Timepoint

Peak Viral Load from Viral Culture



Mean – 95% Confidence interval

*, * = mean.

Placebo median = 0.50; CD388 150 mg median = 0.50



Phase 2b Double-Blind RCT for the Efficacy/Safety of CD388 vs Placebo in the Prevention of Influenza

- **Study Design:** Blinded, randomized, controlled trial with single doses of CD388 or placebo administered at the beginning of the influenza season with subjects followed for the entire influenza season to monitor for breakthrough cases of influenza
- **Primary Endpoint:** To compare the rates of laboratory-confirmed clinical influenza between different single doses of CD388 and placebo over an influenza season
- **Study Population:** Generally healthy adults (patients at high-risk of complications from influenza excluded)
 - Seasonal influenza vaccines also excluded
- **Study Size:** Target of 4000 subjects with possible increase to a maximum of 6000 subjects (depending on the rate of influenza infection) with three CD888 dose groups and 1 placebo group randomized in a 1:1:1:1 ratio

Planned Phase 3 study in subjects at high risk of developing complications from influenza



CD388 Phase 2b Estimated Development Timeline



Actual timelines may differ materially due to severity of flu season, rate of patient enrollment etc.



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CD388: A Potential Multi-Billion Dollar Market Opportunity



Global Influenza Vaccine Market

Market Growth and Expansion Expected

- Growth due to rise of more effective vaccines
- Expansion due to:
 - Next generation premium flu vaccines
- Better prophylactic agents
- New therapeutic modalities with improved efficacies

CD388 Target Product Profile & Positioning

- Potential for universal protection
- Potential to protect all high-risk groups
- Potential for prevention and treatment
- Attractive scale and cost

- Adults 18 and older
- Immunocompromised or weakened immune systems (e.g., HIV, cancer or on immunosuppressive drugs)
- People with certain health conditions {diabetes, lung disease, asthma, heart disease, sickle cell anemia, kidney or liver disease, metabolic disorders, and disorders than may cause breathing problems (e.g., muscle, nerve disorders)}
- People who are overweight Body Mass Index (BMI) 40 or over
- People living in nursing homes and other care facilities
- Those who are in close contact with people at high risk of complications (e.g., healthcare workers)

% Market Share of Traditional and Premium Vaccine Market

+



% Market Share of Worldwide Opportunity



1 Source: Influenza Global Flu market till 2032 (2023-2032 CAGR 11.07%).

https://www.globenewswire.com/en/news-release/2024/03/05/2840453/0/en/Global-Influenza-Vaccine-Market-to-Attain-Valuation-of-USD-22-71-Billion-By-2032-Astute-Analytica.html

2. https://www.nyc.gov/site/doh/providers/health-topics/influenza-high-risk-groups.page;

CAGR = Compounded Annual Growth Rate; HIV = human immunodeficiency virus.

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% Market Share of

Influenza High-Risk Groups² (18 and

older)

Benchmarks of Estimated Peak Sales for Selected Prophylactic Flu Programs

	CIDARA	moderna	NIR / GSK		Pfizer / BIONTEC	Traditional Vaccines ¹
Estimated Peak Sales ²	Multi-billion dollar potential	\$5.6bn	\$5.2bn	\$2.9bn	\$3.9bn	\$5.9bn ¹
Modality	DFC	mRNA Vaccine	mAb	mRNA Vaccine	Quadrivalent mod RNA Vaccine (mRNA vaccine)	Quadrivalent Vaccine (egg and Cell based)
Current Status	Phase 2	Phase 2/3	Terminated	Phase 2	Phase 3	Commercial
Broker / Source	N/A	William Blair 7/24/2023	Needham 5/5/2023	Goldman Sachs 12/11/2023	HSBC 7/2023	CDC



FY 2022 total revenue estimates based on CDC and individual Company data; includes Flumist, Fluarix, FluLaval, Fluzone, Fluzone HD, Flubloc, Afluria, Flucelvax & Fluad. Estimated Peak Sales at 100% POS. Patient population and addressable market for each program may not be similar. 1. 2.

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Cidara's Pipeline Targets Multiple Unmet Medical Needs





Cloudbreak Oncology DFC Programs

CD73: CBO421 Development Candidate

- Differentiated from existing SM and mAb CD73 inhibitors
- Complete responders in combination with PD-1 inhibitors
- Excellent safety and COGS

PD-1/CD73 Discovery Program

- Unique dual inhibitor of CD73 and PD-1
- Compelling preclinical data
- Potential for more efficient clinical development

CCR5 Discovery Program

- Overcomes limitations of prior approaches
- Proof of concept data against "undruggable" target
- Potential for improved safety over SM antagonists









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Adenosine is an Important Mediator of Tumor Immune Evasion

Rationale for CD73

- Adenosine creates an immune suppressive Tumor Microenvironment (TME) by reprogramming multiple immune cell classes
- Dying tumor cells release ATP into the TME which subsequently gets converted into adenosine by CD73
- CD73 inhibitors are an ideal partner for chemotherapy

Tumor Immunosuppression Adenosine **1** M2 Macrophage **NK** Cells **Uendritic Cells 1** Mast Cells 1 MDSCs **Tregs** Effector T Cells TME remodeling Antigen presentation and angiogenesis

Image reprinted from Harvey JB, Phan LH, Villarreal OE and Bowser JL (2020) CD73's Potential as an Immunotherapy Target in Gastrointestinal Cancers. Front. Immunol. 11:508.



CD73 Clinical Data To Date Has Been Disappointing

Is CD73 a valid target?

Therapy	Drug Class	Safety Profile	Single agent activity	Combination Efficacy
Oleclumab (AstraZeneca)	mAb	Benign	None ¹	 With anti-PD-L1 in stage III NSCLC²: ORR 30% (vs. 17.9%) No additional CR's achieved beyond PD-L1 single agent activity
NZV930 (Novartis)	mAb	Benign	None; monotherapy trial halted due to poor efficacy	Studies in progress in combo with other immune therapies ³
ORIC-533 (Oric)	SM	Benign	Study in progress ⁴	No studies found

Cidara's next generation inhibitor combines robust catalytic inhibition of soluble and cell anchored CD73 with receptor internalization for potential enhanced performance in the clinic

3. https://doi.org/10.1158/1538-7445.AM2022-CT503





Significant potential to improve CD73 inhibitors



^{1.} Kondo S et al. Int. J. Clin. Oncol., 27 (2022), pp. 1795-1804

^{2.} Herbst R et al. J Clin Oncol. (2022) Oct 10;40(29). NSCLC = Non-Small Cell Lung Cancer.

Recent Phase 1bData Supports CD73 as a Valid Target: Improved Overall Survival Combining CD73 Inhibitor With Chemotherapy

Despite selection of an inferior standard of care chemotherapy partner in the ARC-8 study







CBO421 Emerging as a Differentiated CD73 Therapy

CBO421





Session LBPO.IM02 - Late-Breaking Research: Immunology 2 LB131 / 19 - CBO421, a novel drug Fc-conjugate, inhibits the enzymatic activity of CD73 and triggers CD73 internalization

- Differentiated from existing SM and mAb CD73 inhibitors
- Highly stable with excellent pharmaceutical properties
- ~65 kDa (vs > 150 kDa for mAbs) better tumor penetration
- Inhibits both membrane bound and soluble CD73, downregulates CD73 via internalization
- Ideal combination partner agent with PD-1/L1 axis inhibitors and chemotherapy
- Robust manufacturing process



CBO421 Exhibits Differentiated Preclinical Performance

Differentiated from Existing Adenosine Inhibitors



PBMC rescue assay (ATP) vs clinical stage adenosine pathway inhibitors

Tost articlo	Target/Class		EC ₅₀ [nM]		
			CD4 ⁺ CD25 ⁺	CD8 ⁺ CD25 ⁺	
CBO421	CBO421 CD73/DFC		13	51	
AB680*	CD73/small mole	ecule	39	73	
Oleclumab	CD73/mAb		>1,000	>1,000	
IPH5201	CD39/mAb		>1,000	>1,000	
AB928	ADAD (small mal		>1,000	>1,000	
CPI-444	AZAR/Small molecule		>1,000	>1,000	
AB680	Oleclumab	PH5201	AB928	CPI-444	
AS AS	traZeneca biosimilar	inate pharma iosimilar	BIOSCIENCES		
CD73 inhibitor C	D73 inhibitor CD3	89 inhibitor	A2AR inhibitor	A2AR inhibitor	

Potent Anti-Tumor Activity as Monotherapy

MC38 – murine colorectal carcinoma



Tumor Control: CBO421 Exhibits Superior Tumor Penetration vs. mAbs

MDA-MB-231* Spheroids





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CBO421 Enhances Anti-tumor Activity Of PD-1 Inhibitors

CBO421 + Anti-PD-1 combination improves response rates versus monotherapy

Study Arm	% Responders ²
Vehicle	0
CBO421	27
Anti-PD-1 ¹	47
CBO421 + Anti-PD-1 ¹	60

MC38 – murine colorectal carcinoma





CBO421 Elicits Complete Responses with PD-1 Inhibitors

CBO421 + Anti-PD-1 combination improves survival and induces immunological memory





Chemotherapy Creates a Feedback Loop That Can Overwhelm Current CD73 Inhibitor Classes

CD73 inhibitors potentiate chemo, but effects can be attenuated by tumor adaptations



CD73 expression increases in response to chemotherapy, creating a pro-tumorigenic environment¹



- Small molecule CD73 inhibitors have no effect on CD73 levels, and can be overwhelmed by increasing ADO levels induced by chemotherapy
- mAb CD73 inhibitors are limited by inferior catalytic inhibition but some reduce CD73 levels via receptor internalization
- CBO421 uniquely counteracts tumor adaptations to chemotherapy by combining potent catalytic inhibition and receptor internalization



Low CBO421 Concentrations Rapidly Reduce CD73 Levels on CD73⁺ TNBC Cells (MDA-MB-231)*



≥ 1 nM concentrations, CBO421 removes detectable cell anchored CD73 from the cancer cell surface



Combination of Receptor Internalization and Potent Catalytic Inhibition Positions CBO421 as an Ideal Chemotherapy Partner

CD73 Internalization on MDA-MB-231 tumor cells by flow cytometry (4 hours post incubation)





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CBO421 combines potent CD73 inhibition and CD73 downregulation, distinguishing it from small molecule and mAb CD73 inhibitors in clinical trials

°MDA-MB-231 cell line was isolated at MD Anderson, is ER, PR, and E-cadherin negative, and expresses mutated p53. It is commonly used to represent a model of TNBC.

*AB680 – Arcus Biosciences CD73 inhibitor, internalization data not shown



CBO421 Development for High Unmet Need TNBC Populations Leverages Potential Benefit of CD73/Chemo Combination Therapy

Tri	ple Negative Breast Cancer (TNBC):
	Lacks ER, PR, and HER2 ¹ : no targeted or hormonal therapies available
	Young patients: majority diagnosed before age 50 ²
	10% present with metastatic disease; another 30-50% develop metastatic disease after initial treatment ³
Ŧ	Standard of care is chemotherapy backbone which provides median survival of 12-15m ^{3,4}
	 For PD-L1+ (CPS ≥ 10): SOC is pembrolizumab + High unmet need: approximately 50% of patients are

 For BRCA-mutation+, SOC is PARP-I or chemotherapy but only 10-15% are eligible⁶

chemotherapy but only 30% are eligible⁵

- neither CPS10+ nor BRCA+
- Chemotherapy remains backbone of every effective treatment for TNBC⁷

TNBC expresses high levels of soluble CD73 with correlation to poor prognosis and resistance to chemotherapy⁸



An opportunity for CBO421 to dramatically change the course of disease

Wolff et al. 138, 241–256. 10.5858/arpa.2013-0953.
 McGuire et al. Cancers 7, 908–929. doi:10.3390/cancers7020815
 Dent et al. Clin Cancer Res. 2007; 13: 4429-4434
 Kim et al. Lancet Oncol. 2017 18, 1360–1372

Flavia et al. Cancers (Basel). 2023 Jun; 15(11): 2933
 Gonzales-Angulo et al. Clin Cancer Res. 2011;17(5):1082–1089
 Zeichner et al. Breast Cancer (Auckl). 2016; 10: 25-36
 Loi et al. Proc. Natl. Acad. Sci. U.S.A. 2013: 110, 11091–11096

ER = Estrogen Receptor; PR= Progesterone Receptor



Planned First-in-Human Clinical Trials for CBO421



Actual timelines may differ materially due to timing of site initiation, patient enrollment, etc.



Cloudbreak CD73/PD-1 Bispecific DFCs

CD73: CBO421 Development Candidate

- Differentiated from existing SM and mAb CD73 inhibitors
- Complete responders in combination with PD-1 inhibitors
- Excellent safety and COGS

PD-1/CD73 Discovery Program

- Unique dual inhibitor of CD73 and PD-1
- Compelling preclinical data
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CCR5 Discovery Program

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Potential First-in-Class PD-1/CD73 Inhibitor Disables Two Major Tumor Immune Escape Mechanisms in a Single Molecule

Cidara's first multispecific DFC (PD-1/CD73) is a **unique** dual inhibitor

Engineered to improve efficacy by disabling a key resistance mechanism to PD-1 inhibitors



PD-1/CD73 DFC Potently Inhibits Both PD-1 and CD73 Receptors



PD-1 Binding $(IC_{50}, nM) - 0.064$ T-cell reactivation $(EC_{50}, nM) - 9$



PD-1/CD73 DFC Demonstrates Superior Tumor Growth Inhibition vs Monotherapies in Humanized Tumor Models



2000-

1500-

1000-

500-

0.

Tumor volume (mm³)

Tumor Volume (MC38, hPD-L1), day 22 hPD-1/hPD-L1 C57BL/6 mice – 2X weekly dosing





PD-1/CD73 Improves Release of Immune Suppression

PD-1/CD73 DFC releases immune suppression mediated by adenosine and PD-1/L1 in 1way mixed lymphocyte reaction assay

3000 ** 20000 ns ns 2000 15000 IL-2 (pg/mL) IFN-g (pg/mL) 10000 1000 Dendritic cells (DCs) express CD73 and 5000 *PD-L1/L2* Donor 1 PBNCS DOS ANP Donor 1 PBNCS * DOS 2001MANP 80,10HC Donor 20100130FC 3001M AMP NI MUNICOARD



PD-1/CD73 DFC Demonstrates Robust Tumor Growth Inhibition

PD-1/CD73 DFC retains statistically significant tumor growth control at lower doses



*PD-1 is the proprietary PD-1 inhibitor used in the multispecific PD-1/CD73 DFC



Cidara's PD-1/CD73 DFC is Differentiated

Cidara's DFC and Akeso's bispecific mAb appear to be the most advanced PD-1/CD73 multispecific agents in development

Cidara PD-1/CD73 DFC – Preclinical Akeso bispecific mAb (AK131) – Phase 1a opened (Dec 2023)

Attribute	PD-1/CD73 DFC	AK131	Potential for differentiation with PD-1/CD73 DFC
Size	< 125 kDa	> 200 kDa	Superior tumor penetration, better potential for high concentration formulations
Inhibition of CD73 catalytic activity	Full	Partial*	Superior inhibition of CD73
Retention of component monotherapy activity in multispecific format	Full	Partial*	Efficacy at lower doses



PD-1/CD73 DFC Offers Advantages Over Both Cytotoxic ADCs and Bispecific mAbs *

Attribute	ADC	Bispecific mAb	DFC	Advantage of DFC
Example	Sacituzumab Govitecan Enfortumab Vedotin	PD-1/LAG3 PD-1-CTLA4 PD-1/CD73	PD-1/CD73	
Size	>150kDa	> 200 kDa	< 125 kDa	Smaller size allows enhanced tumor penetration
Cytotoxic component	Yes	Νο	Νο	No chemotherapy component allows enhanced safety profile
Linker	Cleavable	Stable	Stable	MOA not restricted to internalization only Not limited by lower therapeutic efficiency in case of inefficient intracellular trafficking



DFCs allow for use of combined targeting modalities (peptides and small molecules) offering unique combinations, smaller size, tunable multivalent binding and enhanced safety



PD-1/CD73 Clinical Development Strategy – A First in Class Opportunity

- Potential first-in-class, novel molecule: clinical trials historically enroll faster
- Single infusion of multi-specific DFC vs. sequential infusions of 2 separate therapeutics: limits infusion chair time; patient-friendly; oncology office friendly^{*}
- Opportunity to be evaluated in earlier lines of development where PD-1/L1 agents are established SOC
- PD-1/CD73 clinical development may be expedited due to having already shown contribution of components with CBO421
- Development candidate selection anticipated mid-2024



Cloudbreak CCR5 DFC Program

CD73: CBO421 Development Candidate

- Differentiated from existing SM and mAb CD73 inhibitors
- Complete responders in combination with PD-1 inhibitors
- Excellent safety and COGS

PD-1/CD73 Discovery Program

- Unique dual inhibitor of CD73 and PD-1
- Compelling preclinical data
- Potential for more efficient clinical development

CCR5 Discovery Program

- Overcomes limitations of prior approaches
- Proof of concept data against "undruggable" target
- Potential for improved safety over SM antagonists









CCR5: Compelling Target That Drives Progression of Hard-to-Treat Cancers



CCL5/CCR5 is an important driver of tumor growth, immune evasion and metastasis in several difficult to treat cancers^{*}

- Breast
- Pancreatic
- Ovarian
- Prostate

*Int. J. Mol. Sci. 2022 https://doi.org/10.3390/ijms232214159



CCR5 is a Compelling Oncology Target

Development candidate nomination anticipated in mid-2024

Acts as a "GPS" system that promotes metastatic disease and migration of immune suppressive cells to tumor^{1,2}

- CCR5+ Circulating Tumor Cells (CTCs) and Cancer Associated Macrophage Like cells (CAMLs) promote metastatic disease – good efficacy biomarker
- Promotes Treg migration to tumor and macrophage repolarization to promote immune evasion

CCR5 signaling upregulates DNA repair, angiogenesis in tumors³

- CCR5 signaling reduces the effectiveness of chemotherapy
- Chemotherapy upregulates CCR5 expression

CCR5 antagonists could significantly augment chemotherapy and checkpoint blockade therapy⁴

TNBC, ovarian, prostate and colon cancer

1. Hamid, R. et al. Cells 2023, 12, 2237. <u>https://doi.org/10.3390/cells12182237</u>

CCR5

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2. Raghavakaimal et al. Breast Cancer Research (2022) 24:35 https://doi.org/10.1186/s13058-022-01528-w



^{4.} EXPERT OPINION ON THERAPEUTIC TARGETS 2021, VOL. 25, NO. 4, 311–327 https://doi.org/10.1080/14728222.2021.1902505

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Two Competitor CCR5 Programs with Known Liabilities

Anti-CCR5	Drug Class	Clinical Data	Notes
Leronlimab (CytoDyn)	mAb	Pooled analysis 3 studies in combo with chemotherapy TNBC (n=28): mOS 12+ months ¹	2019: Fast Track Designation for TNBC 2022: FDA clinical hold due to CMC and data quality concerns – lifted on March 1, 2024 ²
Maraviroc (Pfizer)	Small Molecule	PICASSO-1 ph1b (n=22) in combo with pembrolizumab mCRC: modest efficacy; G3/G4 AEs noted ³	Limited by off-target toxicity and DDI potential ⁴ No further development planned in oncology

CCR5 monotherapy and combination DFCs

- Enhanced safety profile and compatibility with chemotherapy vs small molecule antagonists
- Potential as a combination agent with SOC chemotherapy in TNBC
- Potential for development of first in class multispecific therapies
- Potential to develop for long-acting HIV retroviral therapy (with partner)

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^{2. &}lt;u>https://www.cytodyn.com/newsroom/press-releases/detail/618/cytodyn-announces-fda-has-lifted-clinical-hold</u>

^{3. &}lt;u>https://doi.org/10.1016/j.ejca.2022.03.017</u>

^{4.} Drug Metabolism and Disposition May 2019, 47 (5) 493-503; DOI: https://doi.org/10.1124/dmd.118.085241

CCR5 DFC Induces Tumor Reduction Commensurate With a CCL5 KO Model in Colorectal Carcinoma



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First CCR5 targeting therapy designed for oncology



Cloudbreak Oncology DFC Programs

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Financial Overview

Important Information	December 31, 2023 ¹	Summary Consolidated Cash Flow Information	Rolling two-quarter period ended December 31, 2023 ³	
Cash and Cash Equivalents	\$35.8M	Operating Cash Burn	\$(31.9)M	
Common Stock Outstanding	00 601 000	Mundipharma Reimbursements \$0.4M		
	90,601,999	Janssen Reimbursements & Milestones	\$15.4M	
Common Equivalent Shares Outstanding ²	111,646,719	Melinta Milestones & Sales Receipts	\$1.5M	
		Net Cash Provided by Operations, Investing & Financing (excluding ATM Proceeds)	\$0.6M	
		ATM Proceeds Less Offering Costs	\$0.0M	
		Net Cash Decrease	\$(14.6)M	

On April 24, 2024, the Company raised an additional \$240 million in gross proceeds in a private placement led by RA Capital Management with significant participation by Bain Capital Life Sciences as well as BVF Partners and Canaan Partners.

Convertible Preferred is convertible into 10 shares of common stock.

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3. Amounts reflect a rolling two-quarter period ending on the date noted. Amounts shown are historical and may not be indicative of future results.



^{1.} Information listed here is as of December 31, 2023 (as disclosed in our Form 10-K).

^{2.} Includes (i) 90,601,999 shares of common stock and (ii) 21,044,720 shares of common stock issuable upon the conversion of Series X Convertible Preferred stock, both as of December 31, 2023. Each share of Series X

Capital Structure and Share Information

All shares in millions	12/31/23 ¹ (as filed 10-K)	4/24/24 Split -Adjusted (1:20)⁵	4/24/24 PIPE Financing (Split Adjusted 1:20) ⁵	4/24/24 Pro-forma PIPE Financing & Reverse Split (1:20) ⁵
Common Shares Outstanding	90,601,999	4,530,100		4,530,100
Series X Convertible Preferred stock (as converted) ²	21,044,720	1,052,236		1,052,236
Common stock options, RSUs and PRSUs issued and outstanding	12,764,068	638,203		638,203
Fully Diluted Common Shares Outstanding	124,410,787	6,220,539		6,220,539
240,000 shares of Series A Convertible Voting Preferred Stock (as converted) ³			16,901,408	16,901,408
Pro-forma Fully Diluted Common Shares Outstanding				23,121,948 ⁶
Average VWAP Post Reverse Spilt 4/24/24 – Current ⁴				\$13.73
Implied Pro-forma Fully Diluted Equity Value / Market Cap				\$317.5 million
Cash and Cash Equivalents	\$35.8 million		\$240.0 million	\$275.8 million ⁷
Debt	-			-

1. Information listed here is as of December 31, 2023 (as disclosed in our Form 10-K).

2. 21,044,720 shares of common stock issuable upon the conversion of Series X Convertible Preferred stock, both as of December 31, 2023. Each share of Series X Convertible Preferred is convertible into 10 shares of common stock.

3. 240,000 shares of Series A Convertible Voting Preferred Stock, par value \$0.0001 per share (the "Series A Preferred Stock"). Each share of Series A Preferred Stock is, subject to stockholder approval and certain beneficial ownership conversion limitations, automatically convertible into shares of common stock, par value \$0.0001 per share, at a conversion price of \$14.20 per share, rounded down to the nearest whole share.

4. As of 4/29/24.

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5. Reverse Split-adjusted numbers are approximate based on a ratio of 1:20.

6. Subject to stockholder approval of an increase in authorized common stock.

7. Pro-forma as of 12/31/23 and PIPE financing on 4/24/24.





Thank You

May 2024 NASDAQ: CDTX