

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): April 11, 2024

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

Delaware
(State or other jurisdiction of
incorporation or organization)

001-40498
(Commission File Number)

84-2040295
(I.R.S. Employer
Identification No.)

25 North 38th Street, 11th Floor
Philadelphia, Pennsylvania
(Address of principal executive offices)

19104
(Zip Code)

Registrant's telephone number, including area code: (267) 817-5790

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

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))

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol	Name of Exchange on Which Registered
Common Stock, par value \$0.0001 per share	IPSC	Nasdaq Global Select Market

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

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 8.01 Other Events

On April 11, 2024, Century Therapeutics, Inc. (the "Company") updated information reflected in a slide presentation, which is attached hereto as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. Representatives of the Company will use the updated presentation in various meetings with investors from time to time.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

Exhibit No.	Document
99.1	Investor Presentation of Century Therapeutics, Inc., dated April 11, 2024
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.

CENTURY THERAPEUTICS, INC.

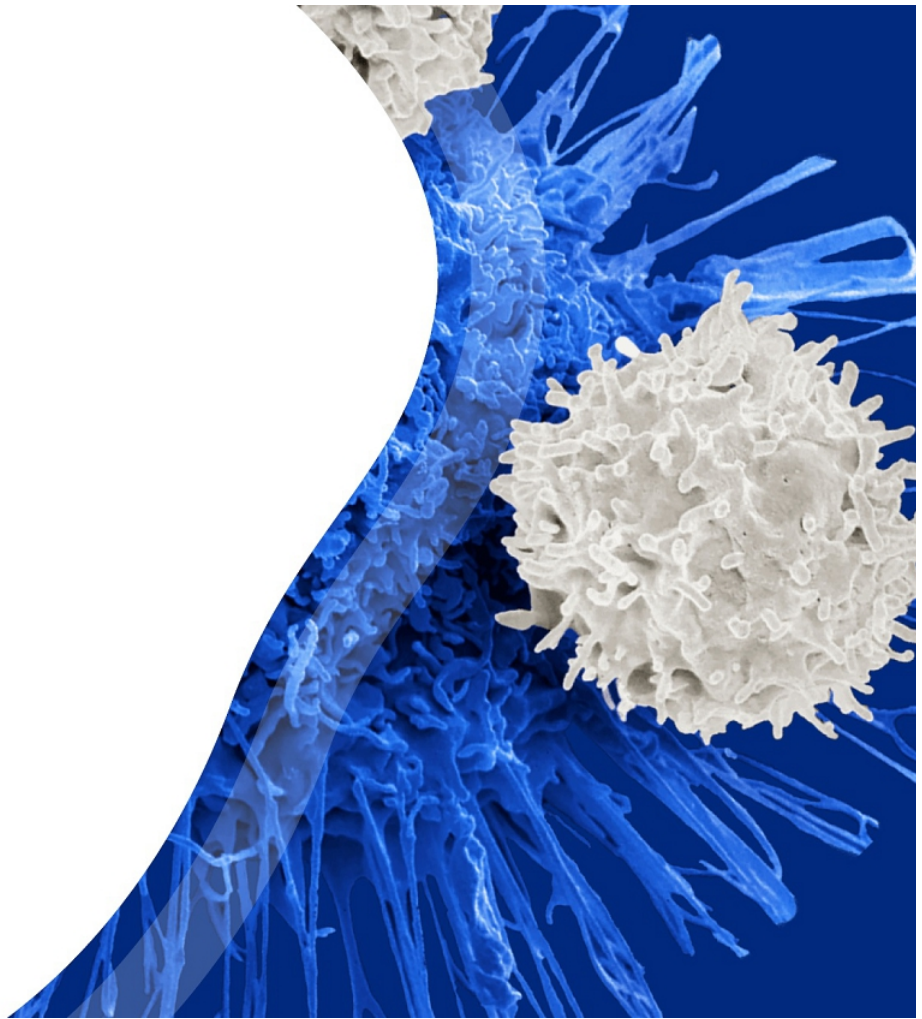
By: /s/ Brent Pfeiffenberger, Pharm.D.
Name: Brent Pfeiffenberger, Pharm.D.
Title: President and Chief Executive Officer

Date: April 11, 2024



Corporate Overview

April 2024



Forward-looking statements

This presentation contains forward-looking statements within the meaning of, and made pursuant to the safe harbour provisions of, The Private Securities Litigation Reform Act of 1995. All statements contained in this document, other than statements of historical facts or statements that relate to present facts or current conditions, including but not limited to, statements regarding possible or assumed future results of operations, business strategies, research and development plans, regulatory activities, market opportunity, competitive position and potential growth opportunities are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. In some cases, you can identify forward-looking statements by terms such as "may," "might," "will," "should," "expect," "plan," "aim," "seek," "anticipate," "could," "intend," "target," "project," "contemplate," "believe," "estimate," "predict," "forecast," "potential" or "continue" or the negative of these terms or other similar expressions. The forward-looking statements in this presentation are only predictions. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our business, financial condition and results of operations. These forward-looking statements speak only as of the date of this presentation and are subject to a number of risks, uncertainties and assumptions, some of which cannot be predicted or quantified and some of which are beyond our control, including, among others: our ability to successfully advance our current and future product candidates through

development activities, preclinical studies, and clinical trials; the maintenance on certain key collaborative relationships; manufacturing and development of our product candidates; the scope and likelihood of regulatory filings and approvals, regulatory approval of our product candidates; our ability to integrate operations with Clade Therapeutics, geopolitical events on our business and operations, supply chain and labor market performance of third parties in connection with the development of product candidates, including third parties conducting clinical trials as well as third-party suppliers and manufacturers; our ability to successfully commercialize our product candidates and our marketing capabilities, if our product candidates are approved; our ability to maintain and successfully enforce adequate intellectual property protection. These and other risks and uncertainties are discussed in the "Risk Factors" section of our most recent filings with the Securities and Exchange Commission and available at www.sec.gov. You should not view these forward-looking statements as predictions of future performance and circumstances reflected in our forward-looking statements that will be achieved or occur, and actual results could differ materially from those projected in the forward-looking statements. Moreover, the global economic, dynamic industry and economy. New risk factors and uncertainties may emerge from time to time, and it is not possible for management to identify all risk factors and uncertainties that we may face. Except as required by applicable law, we do not plan to publicly update or revise our forward-looking statements contained herein, whether as a result of new information, future events, changed circumstances or other

Century Therapeutics: Building an industry-leading, next-generation allogeneic iPSC-derived cell therapy platform

LIMITLESS POTENTIAL...

Foundational investments in iPSC genetic editing, protein engineering and manufacturing

PRECISION DESIGN...

Progressing differentiated clinical programs based on Allo-Evasion™ technology for autoimmune and inflammatory diseases

ENDURING IMPACT...

Well-capitalized into 2026 to enable key milestones and clinical data



Overview of Foundational Platform Technologies



Century's singular focus:

To deliver best-in-class iPSC-derived cell therapies

Century platform enables the incorporation of critical features we believe can only be realized via iPSC-derived cell therapies

Infinite replicative capacity at the iPSC stage enables potentially **unlimited genomic editing** via CRISPR HDR

Single cell cloning of engineered iPSC allows selection of a **fully characterized clone** for master cell bank, ensuring safety and functional reproducibility of the final drug product

Platform capable of fully **multiple advances in syn into a single pro**

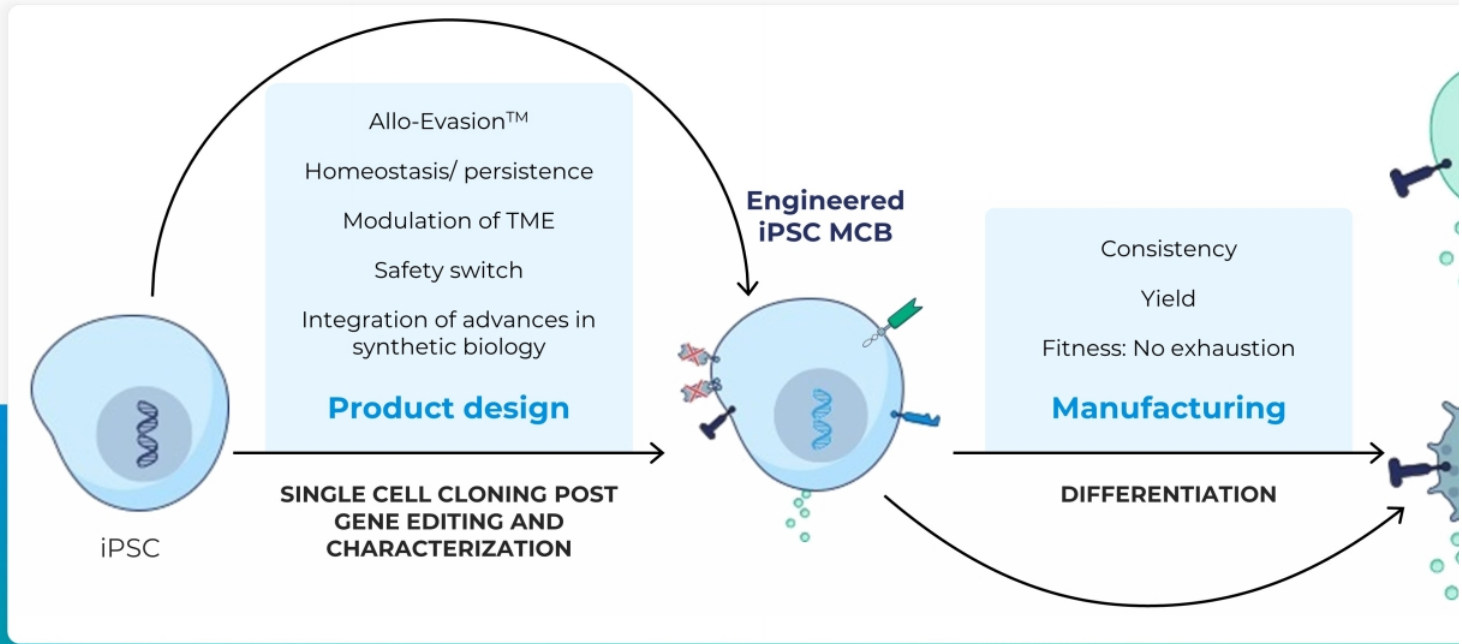
Cell expansion during multiple stages of differentiation yields large cell harvests, **decreasing risk of cell exhaustion, reducing COGs and providing robust drug inventory that is potentially infinitely replenishable**

Production from a master cell bank – derived from a single donor – enables **larger batch sizes** and **lower cost of goods than donor-derived or autologous**

Differentiation conditions **generating multiple imm cells**, including NK cells, C and Treg), CD8+ T cells, i macrophage

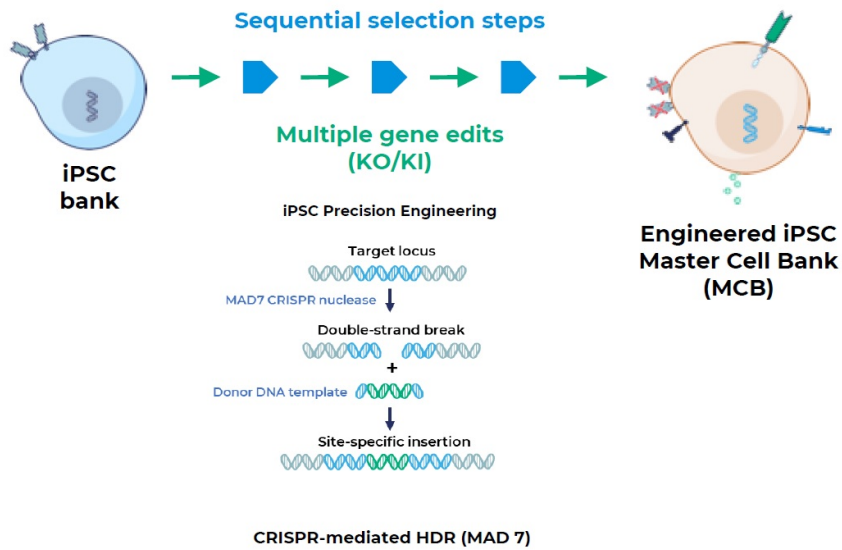
Century's next-generation allogeneic iPSC technology platform

Versatility and unprecedented control



Rapid Integration of major advances in product functionality and manufactu

Precision CRISPR MAD7 mediated sequential gene editing of iPSC cells generates uniform product candidates



Advantages of Century's

Precise CRISPR mediated homology directed repair reduces off-target integration

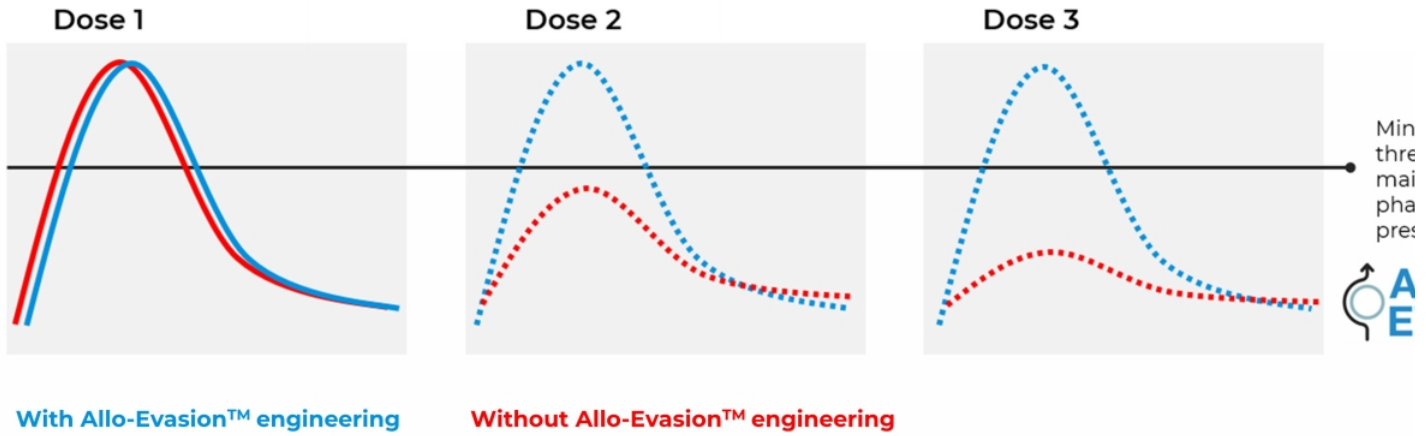
Stepwise and efficient gene editing enables **risky multiplex modification** and generation of diverse product variants

Quality control through generation of a homogenous MCB establishes product **integrity**

Manufacturing begins at the MCB stage to be **free from genetic aberrations**

Potential to drive durable responses with engineering resist immune rejection

Allo-Evasion™ edits + repeat dosing = potential greater durability



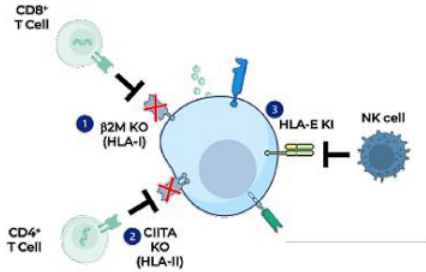
Next-wave of allogeneic cell therapies must solve for challenge of rejection

Advancing our leadership in Allo-Evasion™ technology

Continuous improvement in holistic immune protection designed to overcome major pathways of host vs. graft rejection

Allo-Evasion™ 1.0

Core edits disarm host cells from eliminating therapy



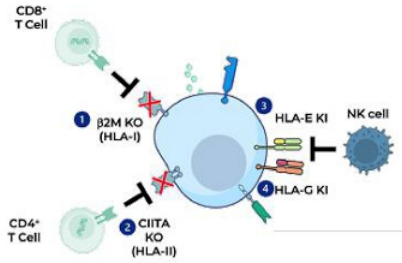
Deletion of $\beta 2M$, a protein required to express HLA-I on the cell surface prevents recognition by CD8 T cells

Knock out of CIITA eliminates HLA-II expression to escape elimination by CD4 T cells

Knock-in of HLA-E prevents killing by NK cells



Allo-Evasion™ 3.0

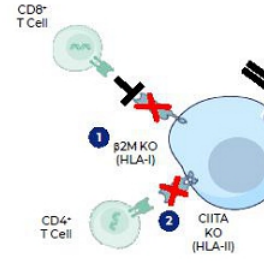


Allo-Evasion™ 1.0 edits plus the incorporation of:

Knock-in of HLA-G improves protection against killing by NK cells



Allo-Evasion™



Deletion of $\beta 2M$, a protein required on the cell surface prevents recognition by CD8 T cells

Knock out of CIITA eliminates HLA-II expression to escape elimination by CD4 T cells

Pan-NK inhibitory ligand to provide protection against killing by NK cells

IgG degrading protease design to reduce humoral immunity



Foundational investments in iPSC manufacturing



Established in-house manufacturing

- Century 53,000 ft² GMP facility
- Designed to produce multiple immune cell types
- Accelerates learnings and enables faster product iteration
- Two sites (FCDI GMP manufacturing, Century in-house manufacturing) provide optionality and maximizes flexibility

Developing fit-for-purpose products

- Increased process and product consistency
- Scalable platforms and optimized processes: yield, reduce COGs, and meet demand
- Increases in cell fitness, as cells do not undergo expansion cycles which often result in cell e
- Homogeneity of the manufacturing process: product candidate that can be readily chara



Pipeline

Newly expanded and diversified pipeline

Product candidates spanning cell types and targets in cancer and autoimmune and inflamma

Product	iPSC Platform	Targets	Indications	Research	IND-Enabling	Clinical			Co
						P1	P2	P3	
Autoimmune and Inflammatory Diseases									
CNTY-101	iNK	CD19	Systemic Lupus Erythematosus	<i>CALIPSO-1</i>	IND cleared				
			Autoimmune Diseases						
CNTY-108	iNK/ $\gamma\delta$ iT	CD19	Autoimmune Diseases						
CLDE-308	$\alpha\beta$ iT	CD19	Autoimmune Diseases						
CLDE-361	$\alpha\beta$ iT	BCMA	Myasthenia Gravis						
Hematologic and Solid Tumors									
CNTY-101	iNK	CD19	B-Cell Malignancies	<i>ELIPSE-1</i>					
CNTY-102	iNK/ $\gamma\delta$ iT	CD19 + CD22	B-Cell Malignancies						
CLDE-308	$\alpha\beta$ iT	CD19	B-Cell Malignancies						
CNTY-104	iNK/iT	Multi-specific	AML						B
CNTY-106	iNK/iT	Multi-specific	MM						B
CNTY-107	$\gamma\delta$ iT	Nectin-4	Solid Tumors						
Research	iT	Not disclosed	Solid Tumors						
Research	iNK/iT	TBD	Hematologic and Solid Tumors						

● Autoimmune and Inflammatory Diseases ● Hematologic Tumors ● Solid Tumors



CNTY-101 Clinical Program

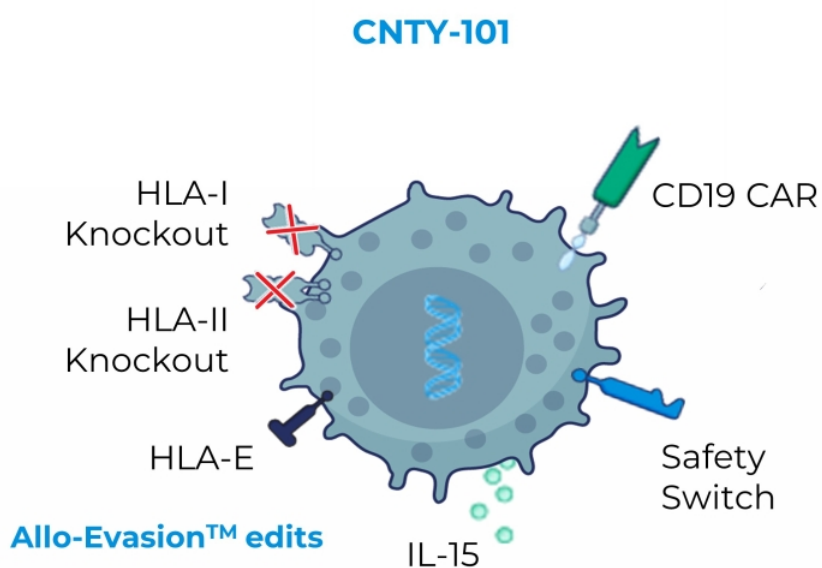


CNTY-101: Differentiated next-gen CD19 targeted product

Only cell therapy with six precision gene edits currently in the clinic

Delivering on our vision to create a new paradigm for cell therapy treatment

- Goal to improve durability, tolerance, and ease of outpatient administration
- Potential to eliminate need for lymphodepletion with subsequent dosing
- First CD19-targeted agent to demonstrate the benefit of repeat dosing enabled by Allo-Evasion™ edits



CNTY-101 in relapsed/refractory B-cell lymphomas

Aim: To deliver durable responses via repeat dosing facilitated by Allo-Evasion extending the period of pharmacologic pressure on tumor cells



Unmet need:

- Autologous CD19 CAR-T is curative in ~40%¹ of patients
- Autologous CD19 CAR-T access is limited and/or can fail in manufacturing as quality is dependent on patient-derived starting material
- Limited options and poor prognosis for patients who fail autologous CAR-T

Potential solution from Century's platform

- Off-the-shelf product offers immediate access and consistency
- Multiple doses to increase pharmacological effect and increase durability
- Host rejection addressed by Allo-Evasion™

R/R: Relapsed or Refractory, NHL: Non-Hodgkin Lymphoma, CAR-T: Chimeric Antigen Receptor T cell therapy
¹Cappell, Nature Reviews Clinical Oncology (2023)

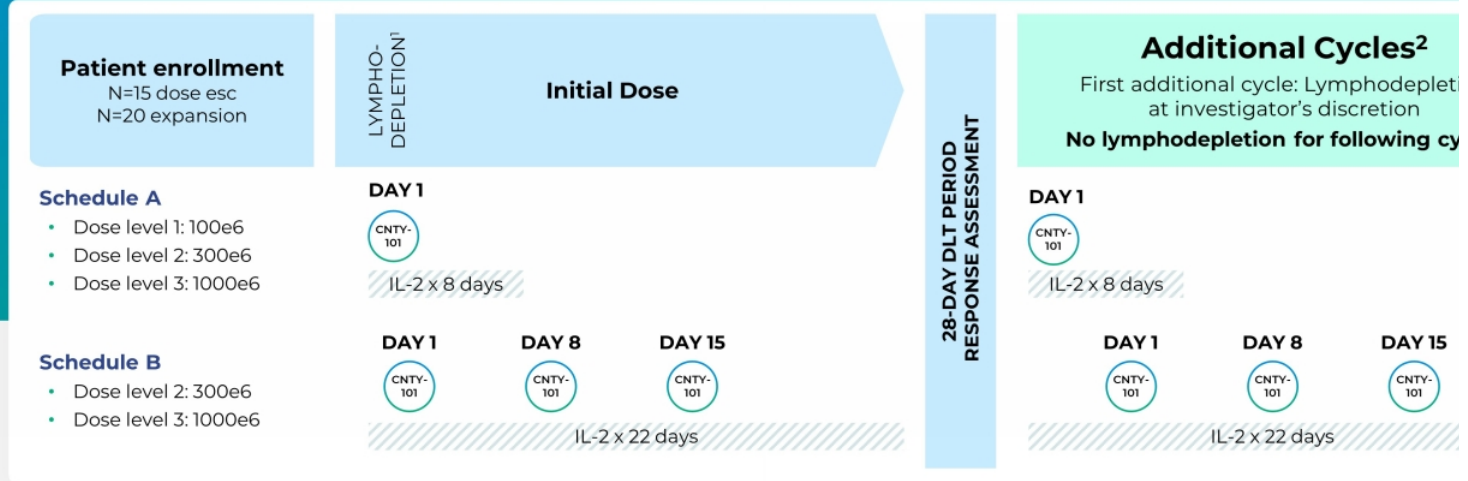
CNTY-101: ELiPSE-1 (NCT05336409) Phase 1 BOIN design

Inclusion:

- R/R CD19+ NHL
- Aggressive B cell lymphoma (DLBCL, tFL, high-grade B cell lymphoma, PMBCL, MCL, FL3B)
- High-risk indolent lymphoma

Endpoints:

- Primary: MTD based on DLTs; RP2R
- Key Secondary: Safety, tolerability, Efficacy (ORR)
- Exploratory: Feasibility of additional cycles, All



¹ Standard lymphodepletion regimen: Fludarabine (30 mg/m²/d) and cyclophosphamide IV (300 mg/m²/d) for 3 days

² Subjects who are assessed as stable disease or better may receive additional cycles of CNTY-101

BOIN: Bayesian Optimal Interval, DLBCL: Diffuse large B-cell lymphoma, tFL: Transformed follicular lymphoma, PMBCL: Primary mediastinal B-cell lymphoma, MCL: Mantle Cell Lymphoma, FL3B: Follicular lymphoma grade 3B, DLT: Dose-limiting toxicity, RP2R: Recommended Phase 2 regimen, ORR: Objective response rate, CRR: Complete response rate, DoR: Duration of response, PK: Pharmacokinetics, IL-2: Interleukin-2

ELiPSE-1 enrolled heavily pretreated patients

Baseline characteristics	
Patients treated	7
Median age (range)	68 (60-72)
Prior therapy	
Median # of prior therapies (range)	4 (2-6)
Prior CD-19-targeted CAR T-cell therapy	3 ^a (43%)
Disease characteristics	
Aggressive histology	5 (71%)
Refractory to last line of therapy	6 (86%)
Elevated LDH at screening	5 (71%)
Stage 4 (Dx Screening)	5 (71%) 7 (100%)
Median baseline target lesion SPD (mm ²) (range)	2044 (641-29716)

Data cutoff date of November 13, 2023; represents data verified post data cut
a. One additional subject had CAR T-cell manufacturing failure
LDH: Lactate dehydrogenase, SPD: sum of the products of diameters

ELIPSE-1: Favorable initial safety profile

COHORT	PATIENT	DISEASE HISTORY				TREATMENT		SAFETY		
		Indication	Prior Lines Therapy	Prior CAR T?	Relapse or Refractory to Last Line	Dose	Cycles Completed	DLTs	CRS (Grade)	ICAs
DOSE LEVEL 1	1	iFL	4	N	Refractory	100 x 10 ⁶	7	N	N	N
	2	DLBCL/tFL	4	Y	Refractory	100 x 10 ⁶	1	N	N	N
	3	DLBCL	2	N ^a	Refractory	100 x 10 ⁶	1	N	N	N
	4	DLBCL/tMZL	4	N	Refractory	100 x 10 ⁶	1	N	Y(1)	N
DOSE LEVEL 2	5	MZL	4	N	Refractory	300 x 10 ⁶	2	N	Y(2)	N
	6	DLBCL	4	Y	Refractory	300 x 10 ⁶	1	N	N	N
	7	DLBCL/tFL	6	Y	Relapsed	300 x 10 ⁶	1*	N*	N*	N

*Data cutoff date of November 13, 2023; represents data verified post data cut
a. CAR T manufacturing failure

ELIPSE-1: Early evidence of anti-lymphoma activity at dose levels

COHORT	PATIENT	DISEASE HISTORY				TREATMENT		SAFETY			
		Indication	Prior Lines Therapy	Prior CAR T?	Relapse or Refractory to Last Line	Dose	Cycles Completed	DLTs	CRS	ICANS	CNTY-Relat Gr3-AE/SI
DOSE LEVEL 1	1	iFL	4	N	Refractory	100 x 10 ⁶	7	N	N	N	N
	2	DLBCL/tFL	4	Y	Refractory	100 x 10 ⁶	1	N	N	N	N
	3	DLBCL	2	N ^a	Refractory	100 x 10 ⁶	1	N	N	N	N
	4	DLBCL/tMZL	4	N	Refractory	100 x 10 ⁶	1	N	Y	N	Y
DOSE LEVEL 2	5	MZL	4	N	Refractory	300 x 10 ⁶	2	N	Y	N	Y
	6	DLBCL	4	Y	Refractory	300 x 10 ⁶	1	N	N	N	N
	7	DLBCL/tFL	6	Y	Relapsed	300 x 10 ⁶	1*	N*	N*	N*	N*

*Data cutoff date of November 13, 2023; represents data verified post data cut
a. CAR T manufacturing failure

ASH case study: Dose level 1 patient with 6-month duration of complete response[^]

Multiple Doses of CNTY-101, an iPSC-Derived Allogeneic CD19 Targeting CAR-NK Product, are Safe and Result in Tumor Microenvironment Changes Associated with Response: A Case Study

Indu Ramachandran¹, Sarah Rothman¹, Mariano Clausi¹, Kile McFadden¹, Brenda Salantes¹, Gloria Jih¹, Thomas Brigman¹, Sam Kelly¹, Matthew S. Hall¹, Stephanie Yee¹, Iphigenia Koumenis¹, Poulomee Das¹, Jordan Briggs², Tori Braun², Ying Yuan³, Elizabeth Devlin¹, Adrienne Farid¹, Nikolaus Trede¹, Tamara K. Moyo⁵, Tahir Latif⁴, Krish Patel²

¹Century Therapeutics, Philadelphia, PA ²Swedish Cancer Institute, Seattle, WA ³MD Anderson Cancer Center, Houston, TX ⁴Atrium Health Levine Cancer Institute, Charlotte, NC ⁵University of Cincinnati Medical Center, Cincinnati, OH



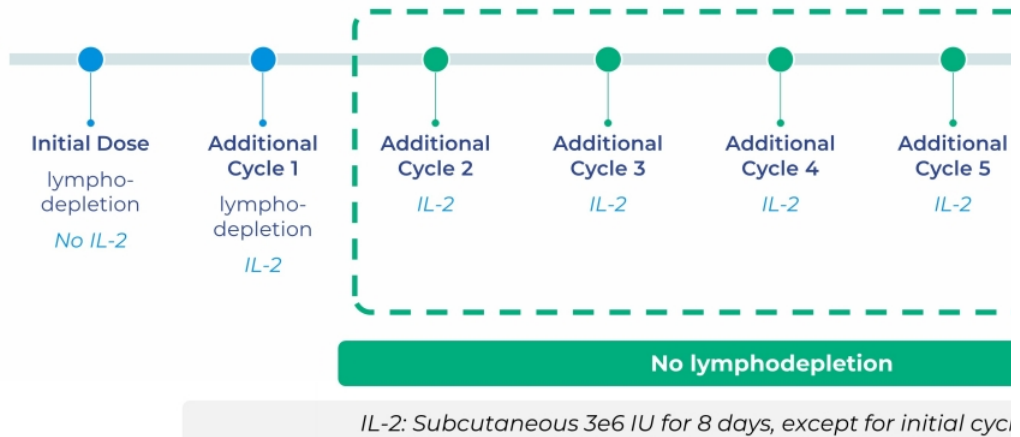
Sex/Age: Female/63

Tumor Subtype: Follicular Lymphoma

Dose/Schedule: 100e6 cells x 1 per cycle (Dose Level 1; Schedule A)

Prior Therapy:

- 4 prior lines of therapy CD20, bispecific, and ir therapy
- High-risk R/R - Relapse months of starting R-C



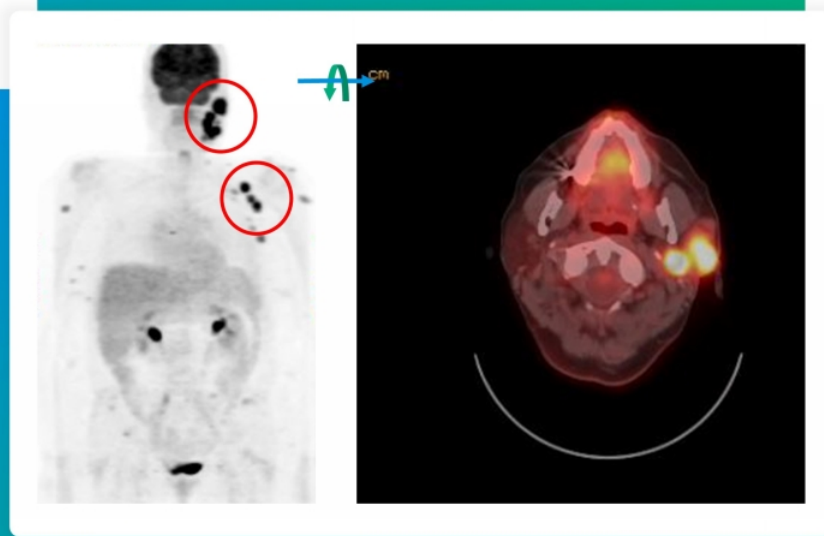
*Data cutoff date of November 13, 2023; represents data verified post data cut

[^]Patient subsequently progressed

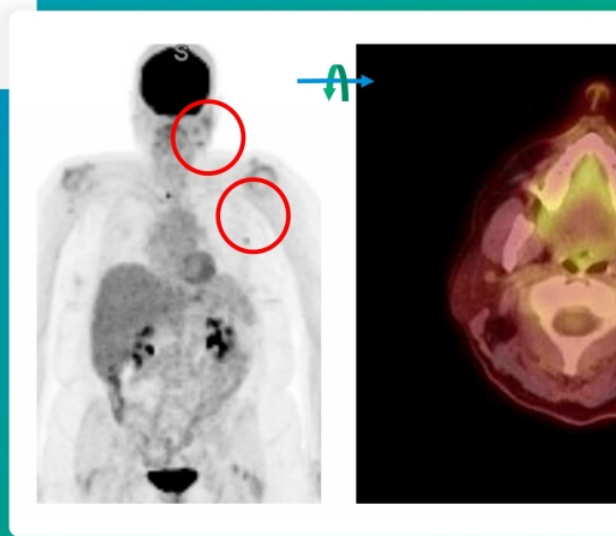
Ramachandran, et al. 2023 ASH Annual Conference

ASH case study: Early evidence of anti-lymphoma activity with durable 6-month complete response[^]

Baseline



Post-initial dose (Day 28)

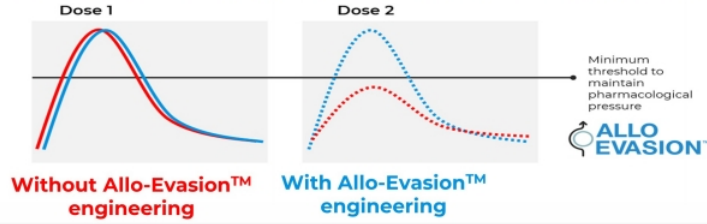


[^]Patient subsequently progressed
Ramachandran, et al. 2023 ASH Annual Conference

Allo-Evasion™ enables repeat dosing without the need for continued lymphoablation

Initial clinical evidence indicates no sign of allo-rejection for CNTY-101 (ASH case study)

Allo-Evasion™ edits + repeat dosing without the need for LD



Allo-Evasion™ provides potential for tightly controlled drug exposure to maintain sustained pressure on the target.

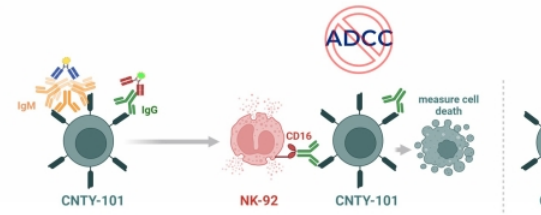
ELiPSE-1 Clinical Data

CNTY-101 cells persist in tissues for at least 3 days as measured by cfDNA; observed with and without LD

Initial Cycle	AC1	No LD					p value	
		AC2	AC3	AC4	AC5	AC6		
DAY 3	not collected	30 [+]	16 [+]	24 [+]	21 [+]	30 [+]	19 [+]	
DAY 10	not collected	3 [+]	6 [+]	3 [+]	0 [-]	not collected	not collected	
DAY 15	not collected	2 [-]	not collected	2 [-]	1 [-]	not collected	2 [-]	
DAY 28	6 [+]	2 [-]	6 [+]	2 [-]	2 [-]	1 [-]	3 [+]	

Clinical patient case from Ph1 ELiPSE-1 trial. Detectable signal [+] was determined to be significantly above negative controls using two sample Poisson test, $p < 0.05$; transgene copies detected in 1 mL of plasma is indicated

Anti-drug antibodies and functional humoral immunity against CNTY-101 are not detected (seven cycles)



ADCC: Antibody-dependent cellular cytotoxicity
CDC: Complement dependent cytotoxicity

Summary of ELiPSE-1 data



Heavily pretreated and refractory patient population treated in first-in-human dose escalation trial



Favorable safety profile; can be delivered in an outpatient setting



Encouraging early efficacy signals at lowest dose levels

- 2 patients achieving CR, including 1 patient with 6-month durable CR



No evidence of allo-rejection



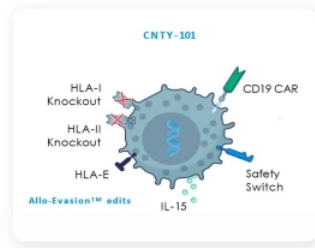
Initial data for CNTY-101 supports the potential for Allo-Evasion™ to enable a multi-dosing regimen v need for continued lymphodepletion



We believe CNTY-101's manageable initial safety profile, initial response data, and PK/PD supports c higher doses to potentially deepen and prolong clinical response

**Cohorts of 3 billion cells/1 monthly dose and 300 million/weekly x 3 doses are open;
Additional clinical data expected in mid-2024**

Key differentiators of CNTY-101 in autoimmune disease treatment



CNTY-101: CD-19 targeted iNK cell therapy with 6 precision gene edits i Allo-Evasion™ technology

- Currently being studied in Ph1 ELIPSE-1 trial in R/R NHL
- Ph1 CALIPSO-1 trial in SLE initiating in H1 2024

Key differentiators in AID: (1) Allogeneic (2) NK cells (3) Allo-Evasion™

Allogeneic

- Available "off-the-shelf"
- No patient apheresis required
- No manufacturing wait time
- Platform enables lower COGs than donor-derived or autologous

NK cells

- Killing potency \geq primary CAR-T
- Trafficking to secondary lymphoid tissues and marrow favors pathogenic B-cell targeting
- Limited *in vivo* expansion

Allo-Evasion™

- Avoiding host immune response
- Ability to repeat dose without prolonged lymphodepletion
- Ability to retreat, if needed

Tighter control over drug exposure:
B-cell depletion without prolonged B-cell aplasia

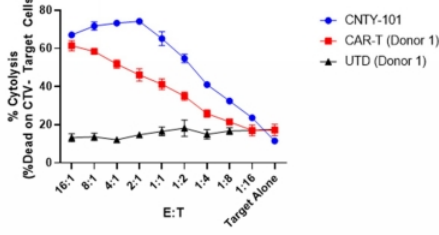
CNTY-101: Potential to drive B-cell depletion with tighter control over drug ()

More potent than primary CAR-T at B-cell killing in pre-clinical comparison

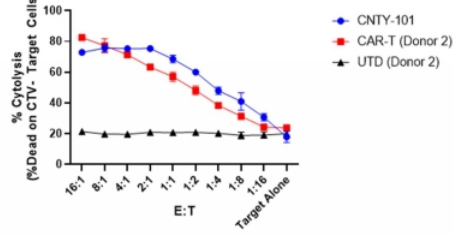
CNTY-101 more potent than primary CAR-T cells at B-cell killing at 24 hours in pre-clinical comparison

CNTY-101 & Autologous CAR-T on B Cells Isolated from Healthy Donors

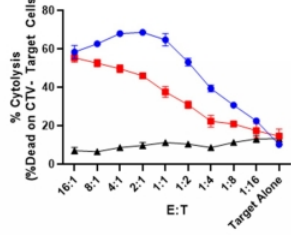
Healthy Donor 1 % Cytolysis (CTV- Dead Cells)



Healthy Donor 2 % Cytolysis (CTV- Dead Cells)

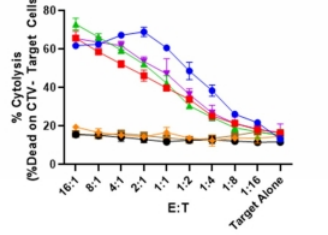


Healthy Donor 3 % Cytolysis (CTV- Dead Cells)

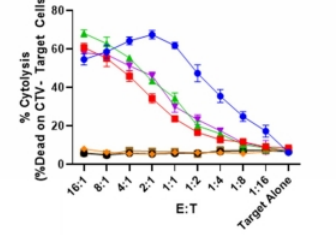


CNTY-101 & CAR-Ts from Healthy Donors on B Cells Isolated from SLE Patients

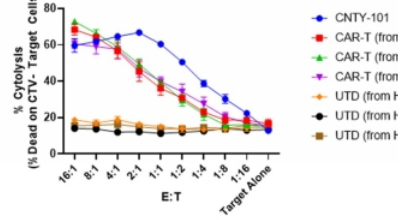
SLE Donor 1 % Cytolysis (CTV- Dead Cells)



SLE Donor 2 % Cytolysis (CTV- Dead Cells)



SLE Donor 3 % Cytolysis (CTV- Dead Cells)



Isolated B cells or CD19+ target cells were co-cultured with CNTY-101 or primary CAR-T at several E:Ts in 96-well U bottom plates in NKCM with assay harvested at 24h. Assay plates were harvested and stained for Fixable Live/Dead. Cells were fixed and run on cytometer to determine Target+Dead Cell populations.

Opportunity in systemic lupus erythematosus to improve long-term disease control



Estimated global prevalence of 3.4 million patients¹

- Abnormal B cell function and autoantibody production are central to disease pathogenesis
- Major causes of morbidity and mortality involve multiple systems
 - Renal, CNS and cardiovascular involvement are major causes of morbidity and mortality



Despite approved treatments, significant unmet need remains

- Chronic treatment with broad-acting anti-inflammatory and immunosuppressives
- Current treatments fail to significantly impact morbidity in the moderate to severe population
- Treatment toxicity and disease flares remain common



Autologous anti-CD19 therapies have established promising efficacy proof concept in SLE²

- Challenges remain potential exposure ICANS, product availability long-term risks include aplasia

1. Tian J, et al. *Ann Rheum Dis* 2023;82:351–356 <http://dx.doi.org/10.1136/ard-2022-223035>
2. Mackensen A, et al. *Nature Medicine* 2022 28:10 (2124–2132) <https://doi.org/10.1038/s41591-022-02017-5>
CNS: Central Nervous System, SLE: Systemic Lupus Erythematosus

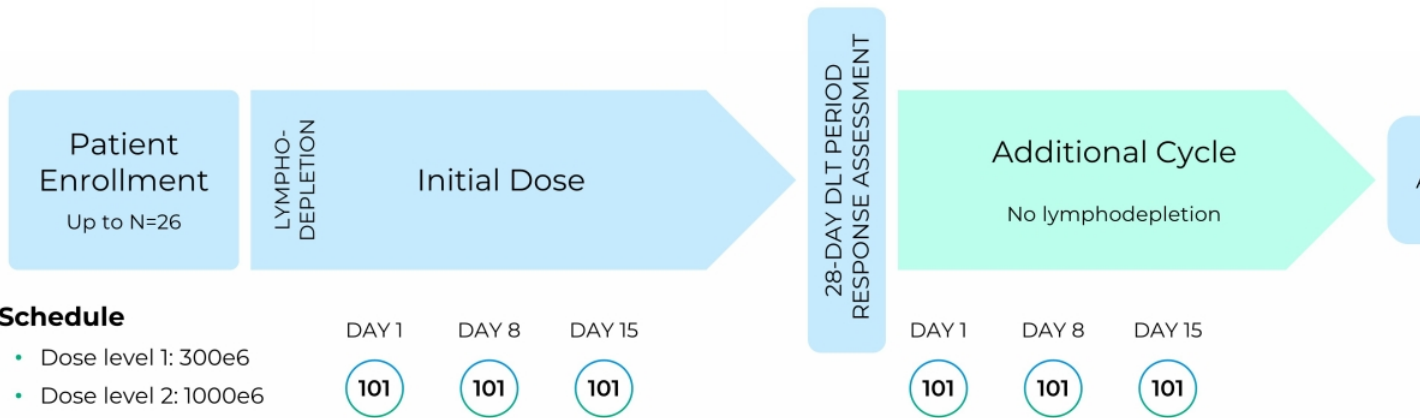
CNTY-101: CALIPSO-1 systemic lupus erythematosus Phase 1 study

Inclusion:

- Patients with moderate to severe SLE after 2+ standard immunosuppressive therapies

Endpoints:

- Key endpoints: Safety, SLE manifestations per SLEDAI, LLD
- Translational Endpoints: B-cell depletion, auto-antibody de



Trial planned to initiate in the first half of 2024; initial data expected by year-end 2024

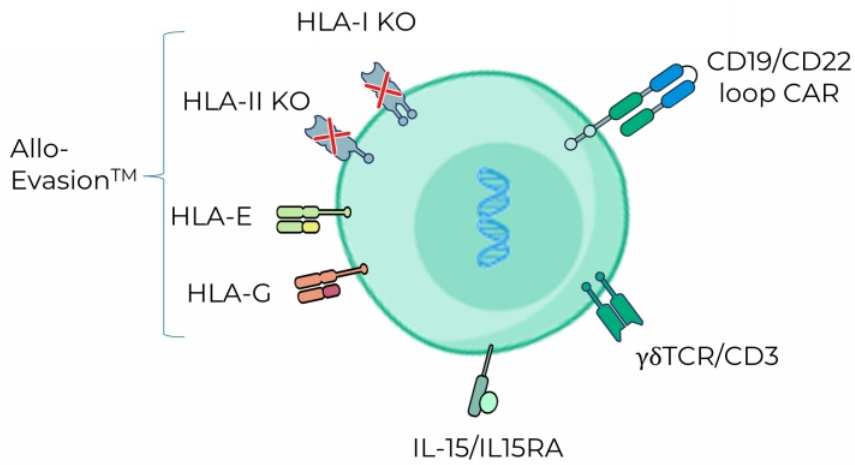


Discovery Programs



CNTY-102: Leveraging the next generation $\gamma\delta$ iT and iN platform designed to deliver best-in-class potential

CNTY-102



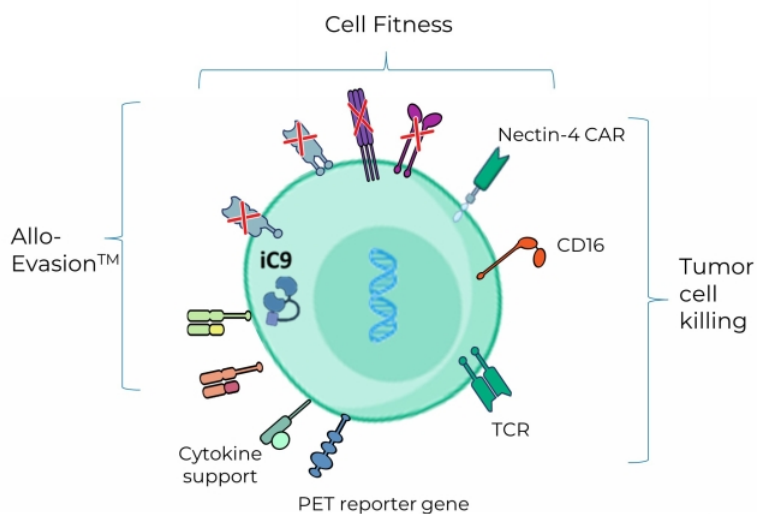
Illustrative construct

Designed to address factors durability of cell therapy in E malignancies

- iNK and $\gamma\delta$ iT cells have distinct biology that provide optionality in the different biological challenges:
- Dual targeting designed to combat antigen escape/relapse - a major factor for durability of CD19 CAR therapies
- Armed with Allo-Evasion™ enabled repeat dosing to potentially deliver durable responses

CNTY-107: First in class Nectin-4 targeted $\gamma\delta$ iT cell therapy

CNTY-107



Illustrative construct

Leveraging the power of the $\gamma\delta$ iT cell platform for solid tumors

Nectin-4 has been validated by ADC

- Opportunity to address multiple Nectin-4 positive solid tumors
 - Potential indications include breast, pancreatic, non-small cell lung, esophageal/gastric, head and neck, and ovarian cancers¹

$\gamma\delta$ iT allogeneic therapies provide potential to improve upon ADC toxicity profile and efficacy

- Intrinsic homing of $\gamma\delta$ iT cells to tissue malignancies
- Multi-tumor killing modalities to target tumor heterogeneity

1. Cancer Res. 2016 May 15;76(10):3003-13



Corporate Position & Upcoming Milestones

Advancing next-generation iPSC-derived allogeneic NK and T cell therapy candidates for the treatment of cancer and autoimmunity

Differentiated pipeline based on Allo-Evasion™ technology

- Potential to overcome limitations of conventional allogeneic cell therapy

Encouraging preliminary clinical data from Phase 1 trial of CNTY-101 in R/R B-cell lymphomas

- Well-tolerated with early evidence of anti-lymphoma activity, and supports the ability to re-dose without lymphodepletion

Expanding into additional autoimmune indications

- CNTY-101 has differentiated profile in AID (allogeneic, iNK with Allo-Evasion™)
- Clade Therapeutics acquisition further expands and enhances autoimmune opportunities and platform technology

In-house manufacturing capabilities

- Ability to accelerate learnings and enable faster product iteration

MULTIPLE NEAR-TERM CA

Phase 1 ELiPSE-1 trial of CNTY-101 in B

- Additional data expected in mid-2024

Phase 1 trial of CNTY-101 in SLE

- IND clearance obtained & initiation
- Initial clinical data expected by YE 2024

Pursuing additional autoimmune health filings for CNTY-101 in 2024

CASH RESOURCES

Cash runway into 2025

Ended 4Q23 with cash, cash equivalent of \$261.8M

Century Therapeutics: Building an industry-leading, next-generation allogeneic iPSC-derived cell therapy platform

LIMITLESS POTENTIAL...

Foundational investments in iPSC genetic editing, protein engineering and manufacturing

PRECISION DESIGN...

Progressing differentiated clinical programs based on Allo-Evasion™ technology for autoimmune and inflammatory diseases

ENDURING IMPACT...

Well-capitalized into 2026 to enable key milestones and clinical data