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): November 9, 2023

Century Therapeutics, Inc.

(Exact name of registrant as specified in its charter)

Delaware	**001-40498**	**84-2040295**
(State or other jurisdiction of incorporation or organization)	(Commission File Number)	(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 2.02 **Results of Operations and Financial Condition**

On November 9, 2023, Century Therapeutics, Inc. (the "Company") issued a press release announcing its financial results for the quarter ended September 30, 2023. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

The information contained in this Item 2.02 (including Exhibit 99.1) is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section and shall not be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act"), or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 7.01 **Regulation FD Disclosure**

On November 9, 2023, the Company updated information reflected in a slide presentation, which is attached as Exhibit 99.2 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.

The information contained in this Item 7.01 (including Exhibit 99.2) is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Exchange Act, or otherwise subject to the liabilities of that section and shall not be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 **Financial Statements and Exhibits**

(d) Exhibits

Exhibit No.	Document
99.1	Press Release of Century Therapeutics, Inc., dated November 9, 2023
99.2	Investor Presentation of Century Therapeutics, Inc., dated November 9, 2023
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/ Gregory Russotti, Ph.D.
Name: Gregory Russotti, Ph.D.
Title: Interim President and Chief Executive Officer

Date: November 9, 2023

Exhibit 99.1

Century Therapeutics Reports Third Quarter 2023 Financial Results and Provides Business Updates

- Brent Pfeiffenberger, Pharm.D., MBA, appointed Chief Executive Officer of Century Therapeutics -

- Initial data from the ongoing Phase 1 ELiPSE-1 trial evaluating CNTY-101 in relapsed or refractory CD19 positive B-cell lymphomas to be presented at the American Society of Hematology (ASH) Annual Meeting -

- Announced expanded license agreements with FUJIFILM Cellular Dynamics (FCDI) for the development and commercialization of iPSC-derived cell therapies in autoimmune and inflammatory diseases -

- Ended third quarter 2023 with cash, cash equivalents, and investments of $284.3 million; Cash runway into 2026 -

PHILADELPHIA, November 9, 2023 -- Century Therapeutics, Inc. (NASDAQ: IPSC), an innovative biotechnology company developing induced pluripotent stem cell (iPSC)-derived cell therapies in immuno-oncology, today reported financial results and business highlights for the third quarter ended September 30, 2023.

“The last several months have been marked by immense progress for Century, and we are thrilled to welcome Brent to the team as our new leader at this exciting period in the Company’s history,” said Joe Jimenez, Chairman of the Board of Directors of Century. Greg Russotti, Interim Chief Executive Officer, Century Therapeutics added, “We continued to advance our Phase 1 ELiPSE-1 trial evaluating CNTY-101 in relapsed or refractory CD19 positive B-cell lymphomas. Building on the exciting case study featured in our ASH abstract earlier this month, we look forward to sharing additional data in December which we believe continue to support the potential for a multi-dosing strategy for CAR iNK enabled by Allo-Evasion™.”

Dr. Russotti added, “Furthermore, we were extremely excited to announce this morning that we have expanded our license agreements with our partners at FCDI. These expanded agreements provide us new and continued access to technology that we believe will aid in our mission to bring curative cell therapy products to patients in need, including patients with autoimmune and inflammatory diseases.”

Business Highlights and Upcoming Milestones

- This morning, Century announced the appointment of Brent Pfeiffenberger, Pharm.D., MBA, as Chief Executive Officer and member of the Board of Directors, effective December 4, 2023. He brings to Century over 20 years of broad-ranging global leadership experience across the healthcare industry, most recently serving as Chief Operating Officer at Neogene Therapeutics. Also effective December 4, 2023, Greg Russotti, Ph.D., who has served as Century’s Interim Chief Executive Officer since April 2023, will assume the role of Chief Technology and Manufacturing Officer, an expanded role from his previous position as Chief Technology Officer.

- During a poster session at the upcoming ASH Annual Meeting being held December 9-12 in San Diego, the Company will present initial data from the ongoing first-in-human Phase 1 ELiPSE-1 trial of CNTY-101 in relapsed/refractory CD19 positive B-cell lymphomas. As previously announced, preliminary clinical data from a case study featured in the recently published ASH abstract shows a complete response maintained in a Dose Cohort 1 (100 million cell dose level) patient with high risk relapsed/refractory follicular lymphoma following completion of four 28-day cycles of CNTY-101, the two most recent of which did not include lymphodepletion. Updated data to be announced in December will include additional results from patients treated in Dose Cohort 1 as of a more recent cutoff date, as well as preliminary data from patients in Dose Cohort 2 (300 million cell dose level).

- This morning, Century and FUJI Cellular Dynamics (FCDI) announced that they have entered into a worldwide license agreement whereby FCDI will grant the Company non-exclusive licenses for certain patent rights and know-how related to cell differentiation and reprogramming for the development and commercialization of iPSC-derived therapies for the treatment of autoimmune and inflammatory diseases. The Company also shared that it expanded its existing 2018 license agreement with FCDI related to the development and commercialization of iPSC-derived cancer immunotherapeutics to also include inflammatory and autoimmune diseases.

Third Quarter 2023 Financial Results

- **Cash Position:** Cash, cash equivalents, and investments were $284.3 million as of September 30, 2023, as compared to $367.4 million as of December 31, 2022. Net cash used in operations was $61.8 million for the nine months ended September 30, 2022 compared to net cash provided by operations of $37.0 million for the nine months ended September 30, 2022 (which includes deferred revenue from the Bristol Myers Squibb (BMS) collaboration of $118.5 million).

- **Collaboration Revenue:** Collaboration revenue generated through the Company's collaboration, option, and license agreement with BMS was $0.1 million for the three months ended September 30, 2023 compared to $2.2 million for the same period in 2022. Revenue recognized under the collaboration agreement fluctuates based on the amount and timing of expenses incurred under the agreement.

- **Research and Development (R&D) expenses**: R&D expenses were $22.8 million for the three months ended September 30, 2023 compared to $25.9 million for the same period in 2022. The decrease in R&D expenses was primarily due to the Company's 2023 reorganization and reprioritization of early-stage programs and discovery platforms as well as a decline in sponsored research activities.

- **General and Administrative (G&A) expenses**: G&A expenses were $9.0 million for the three months ended September 30, 2023, compared to $8.1 million for the same period in 2022. The increase was primarily due increases in stock-based compensation and recruiting fees.

- **Net loss**: Net loss was $32.7 million for the three months ended September 30, 2023, compared to $30.7 million for the same period in 2022.

Financial Guidance

- The Company expects full year GAAP Operating Expenses to be between $135 million and $145 million including non-cash stock-based compensation expense of $12 million to $17 million.
- The Company expects its cash, cash equivalents, and investments will support operations into 2026.

About Century Therapeutics

Century Therapeutics (NASDAQ: IPSC) is harnessing the power of adult stem cells to develop curative cell therapy products for cancer and autoimmune and inflammatory diseases that we believe will allow us to overcome the limitations of first-generation cell therapies. Our genetically engineered, iPSC-derived iNK and iT cell product candidates are designed to specifically target hematologic and solid tumor cancers with a broadening application to inflammatory and autoimmune diseases. We are leveraging our expertise in cellular reprogramming, genetic engineering, and manufacturing to develop therapies with the potential to overcome many of the challenges inherent to cell therapy and provide a significant advantage over existing cell therapy technologies. We believe our commitment to developing off-the-shelf cell therapies will expand patient access and provide an unparalleled opportunity to advance the course of care for cancer and autoimmune and inflammatory diseases. For more information on Century Therapeutics please visit www.centurytx.com.

Century Therapeutics Forward-Looking Statement

This press release contains forward-looking statements within the meaning of, and made pursuant to the safe harbor provisions of, The Private Securities Litigation Reform Act of 1995. All statements contained in this press release, other than statements of historical facts or statements that relate to present facts or current conditions, including but not limited to, statements regarding our clinical development plans and timelines, 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 press release 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 press release 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; our dependence on the success of our lead product candidate, CNTY-101, our ability to obtain FDA acceptance for our future IND submissions and commence clinical trials on expected timelines, or at all; our reliance on the maintenance of certain key collaborative relationships for the manufacturing and development of our product candidates; the timing, scope and likelihood of regulatory filings and approvals, including final regulatory approval of our product candidates; the impact of the effects of the COVID-19 pandemic, geopolitical issues, banking instability and inflation on our business and operations, supply chain and labor force; the performance of third parties in connection with the development of our product candidates, including third parties conducting our clinical trials as well as third-party suppliers and manufacturers; our ability to successfully commercialize our product candidates and develop sales and marketing capabilities, if our product candidates are approved; our ability to recruit and maintain key members of management and our ability to maintain and successfully enforce adequate intellectual property protection. These and other risks and uncertainties are described more fully 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 rely on these forward-looking statements as predictions of future events. The events and circumstances reflected in our forward-looking statements may not be achieved or occur, and actual results could differ materially from those projected in the forward-looking statements. Moreover, we operate in a dynamic industry and economy. New risk factors and uncertainties may emerge from time to time, and it is not possible for management to predict all risk factors and uncertainties that we may face. Except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances or otherwise.

For More Information:

Investors and Media: Melissa Forst/Maghan Meyers – century@argotpartners.com

Century Therapeutics, Inc
Condensed Balance Sheets
(unaudited, in thousands)

	September 30, 2023	December 31, 2022
Assets		
Current Assets:		
Cash and cash equivalents	$ 55,307	$ 84,265
Short-term investments	114,198	231,233
Prepaid expenses and other current assets	4,198	4,223
Total current assets	173,703	319,721
Property and equipment, net	81,993	82,785
Operating lease right-of-use assets, net	24,551	28,945
Long-term investments	114,762	51,854
Other long-term assets	2,542	3,239
Total assets	$ 397,551	$ 486,544
Liabilities, convertible preferred stock, and stockholders' equity		
Current liabilities:		
Accounts payable	$ 5,927	$ 5,454
Accrued expenses and other liabilities	10,637	10,707
Long-term debt, current	-	6,502
Deferred revenue, current	3,871	7,154
Total current liabilities	20,435	29,817
Operating lease liability, noncurrent	45,535	38,698
Long-term debt, net	-	3,739
Other long-term liabilities	201	718
Deferred revenue	112,150	110,834
Total liabilities	178,321	183,806
Stockholders' equity		
Common stock	6	6
Additional paid-in capital	836,901	824,292
Accumulated deficit	(616,373)	(519,098)
Accumulated other comprehensive loss	(1,304)	(2,462)
Total stockholders' equity	219,230	302,738
Total liabilities and stockholders' equity	$ 397,551	$ 486,544

Century Therapeutics, Inc
Condensed consolidated statements of operations
(unaudited, in thousands, except share and per share amounts)

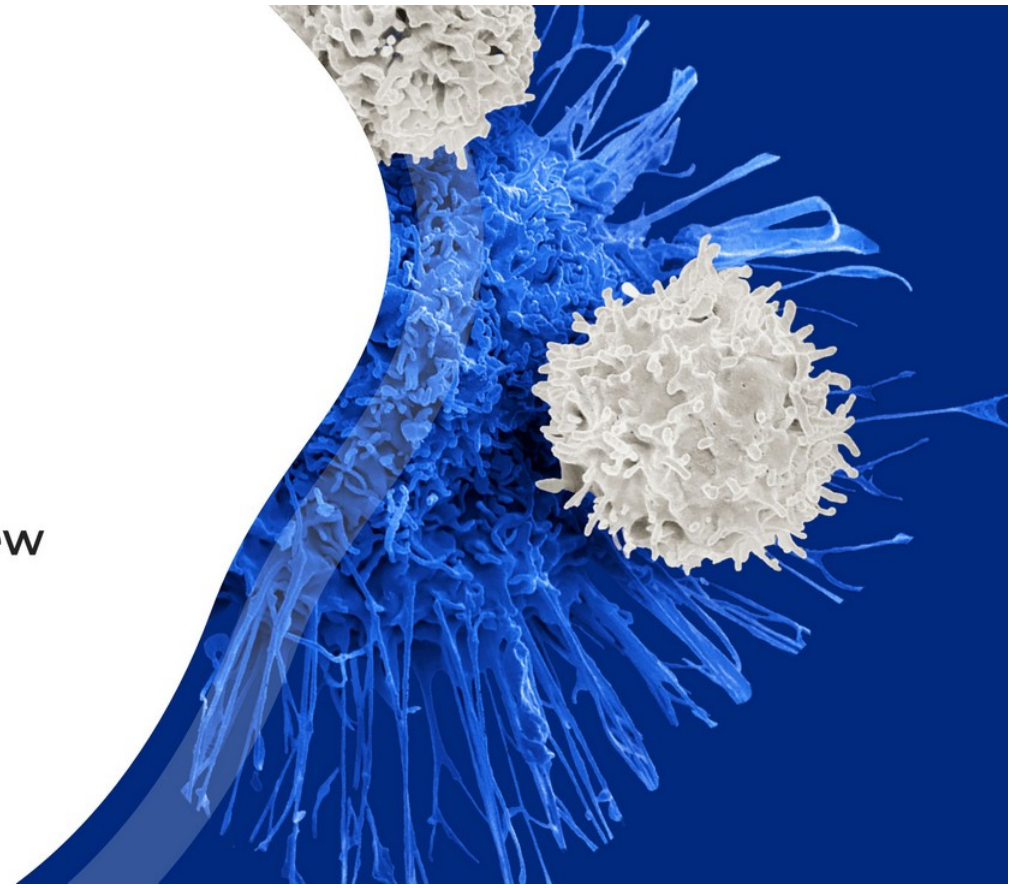
	Three months Ended		Nine months Ended	
	September 30, 2023	**September 30, 2022**	**September 30, 2023**	**September 30, 2022**
Collaboration Revenue	$ 148	$ 2,224	$ 1,967	$ 4,678
Operating Expenses				
Research and development	$ 22,788	$ 25,898	$ 70,414	$ 71,588
General and administrative	8,986	8,064	26,117	23,615
In-process research and development	4,000	-	4,000	10,000
Impairment on long-lived assets	-	-	4,220	-
Total operating expenses	$ 35,774	$ 33,962	$ 104,751	$ 105,203
Loss from operations	(35,626)	(31,738)	(102,784)	(100,525)
Interest expense	-	(373)	(540)	(1,017)
Interest income	3,486	1,411	9,167	2,370
Other income, net	12	(24)	(368)	(19)
Loss before provision for income taxes	$ (32,128)	$ (30,724)	$ (94,525)	$ (99,191)
Provision for income taxes	(592)	(25)	(2,750)	(59)
Net Loss	$ (32,720)	$ (30,749)	$ (97,275)	$ (99,250)
Unrealized loss on investments	(95)	(165)	1,157	(2,931)
Foreign currency translation adjustment	(2)	(5)	(1)	(23)
Comprehensive loss	(32,817)	(30,919)	(96,119)	(102,204)
Net loss per common share - Basic and Diluted	(0.55)	(0.53)	(1.65)	(1.72)
Weighted average common shares outstanding	59,448,229	57,973,541	59,087,374	57,573,406

Exhibit 99.2

CENTURY THERAPEUTICS

Corporate Overview

November 2023



Forward-looking statements

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Investment thesis

Next generation platforms for iNK and gamma delta iT candidates
Foundational investments in iPSC technology, genetic editing, and manufacturing

Experienced team in R&D, immuno-oncology, manufacturing and commercialization
Exemplified by execution of ongoing first-in-human Phase 1 ELiPSE-1 trial

Well capitalized with cash runway into 2026
$284.3M in cash, cash equivalents and investments at the end of 3Q23; operational efficiencies designed to enable delivery on key milestones, clinical data

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iPSC Platform

Building a next generation allogeneic cell therapy platform

iPSC Reprogramming

- Comprehensive collection of clinical grade lines (CD34+ HSC, αβ T cell, γδ T cell derived)

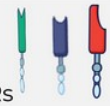
Gene Editing

- Proprietary gene editing platform
  - CRISPR MAD7-derived gene editing for precise transgene integration

iPSC Differentiation/Manufacturing

- Scalable protocols and processes to produce highly functional iNK and iT cell products

Protein Engineering



- Developing proprietary next-generation CARs
- Universal tumor targeting platform

Vertically integrated capabilities differentiate Century's approach

Foundational investments in iPSC know-how and manufacturing

FUJIFILM Value from Innovation

Cellular Dynamics

CENTURY THERAPEUTICS

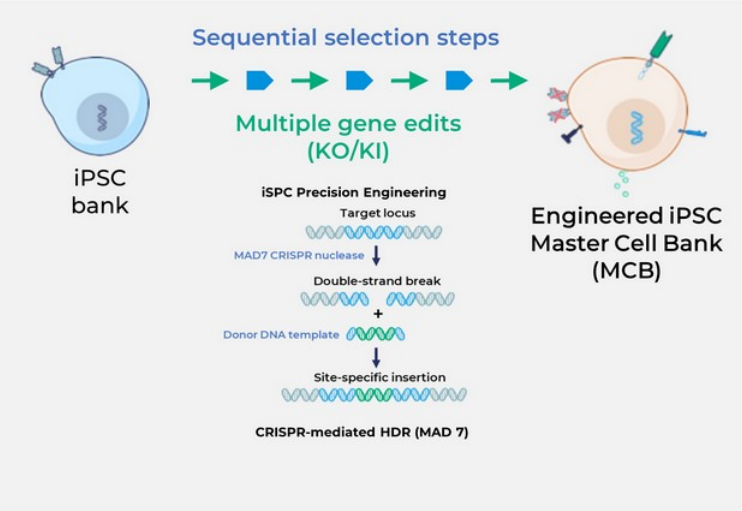
iPSC license and collaboration agreement

- Access to clinical grade iPSC lines
- Exclusive IP and know-how to generate immune effector cells using feeder-free methods (NK, T, Mono/Mac, DC)
- Expanded to include development and commercialization of cell therapies for the treatment of autoimmune and inflammatory diseases (2023)
- FCDI GMP manufacturing capacity for Century's product candidates
- Leveraging two decades of research & investment at University of Wisconsin and FCDI

Established in-house manufacturing

- Accelerates learnings and enables faster product iteration
- 53,000 ft^2 facility
- Designed to produce multiple immune cell types
- Two sites provides optionality and maximizes flexibility

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



Advantages of Century's Platform

Precise CRISPR mediated homology directed repair reduces off-target integration

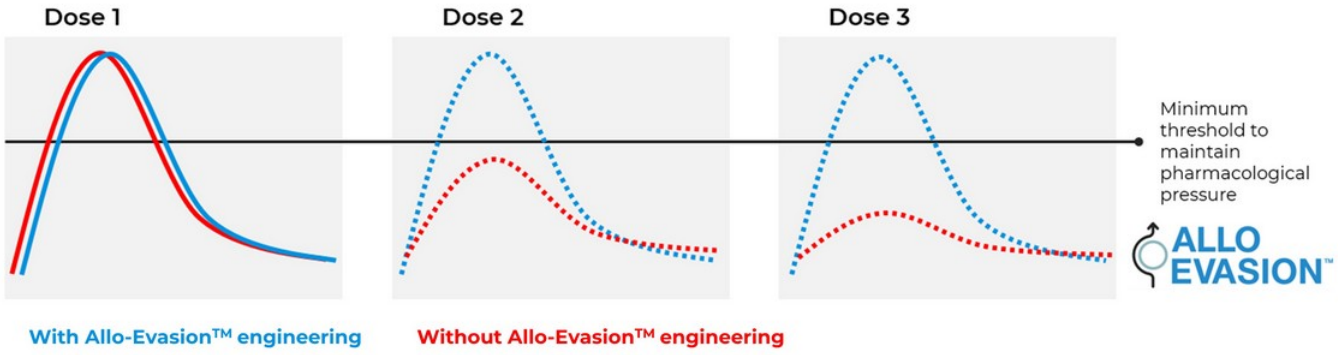
Stepwise and efficient gene editing **avoids risky multiplex modification** and structural variants

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

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

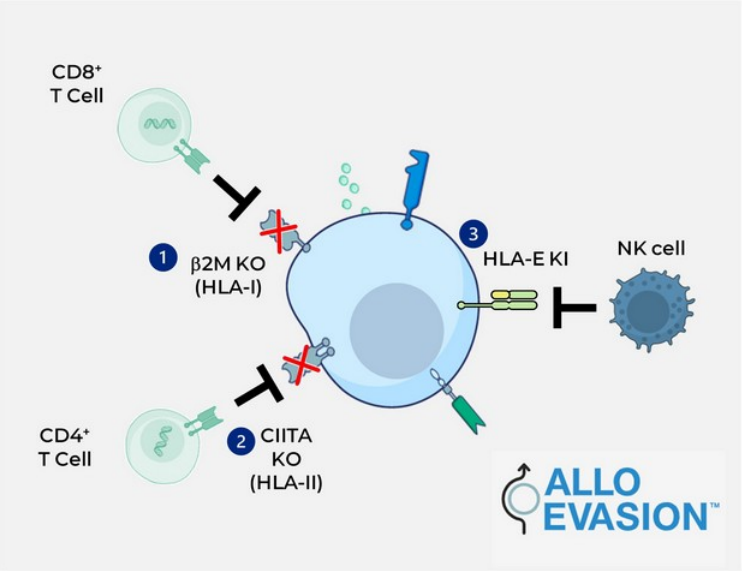
Potential to drive durable responses with engineering to resist immune rejection

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



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

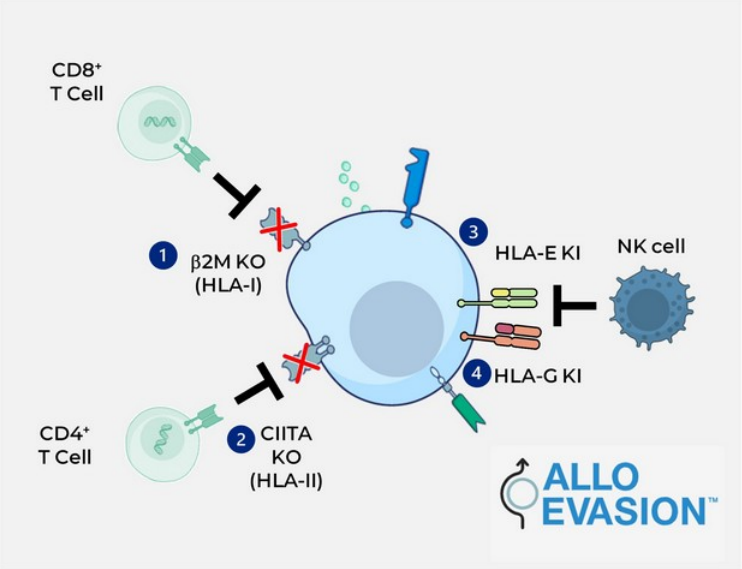
Allo-Evasion™ 1.0 designed to overcome 3 major pathways of host vs graft rejection



3 core edits disarm host cells from eliminating therapy

1. Deletion of β2M, a protein required to express HLA-1 on the cell surface prevents recognition by CD8 T cells
2. Knock out of CIITA eliminates HLA-II expression to escape elimination by CD4 T cells
3. Knock-in of HLA-E prevents killing by NK cells

Allo-Evasion™ 3.0 provides additional protection against NK cell killing

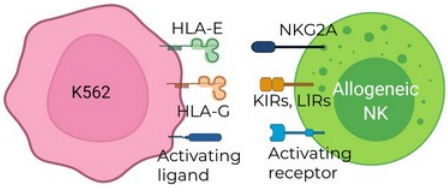


4 core edits disarm host cells from eliminating therapy

1. Deletion of β2M, a protein required to express HLA-1 on the cell surface prevents recognition by CD8 T cells
2. Knock out of CIITA eliminates HLA-II expression to escape elimination by CD4 T cells
3. Knock-in of HLA-E prevents killing by NK cells
4. Knock-in of HLA-G improves protection against killing by NK cells

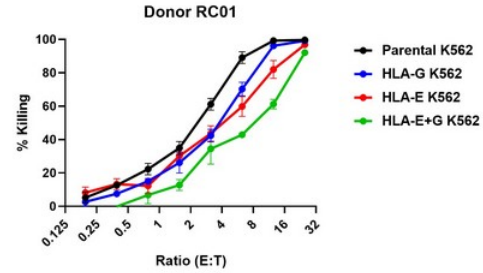
Expression of HLA-E + HLA-G further protects from NK cell killing

Proof-of-Concept Study with HLA-I Null K562 Cells Engineered with HLA-E and HLA-G

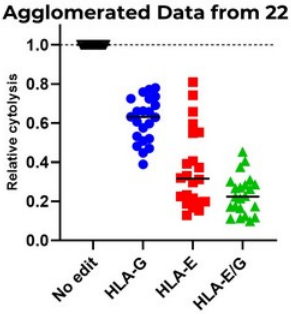


- HLA-E and HLA-G engage different receptors on NK cells including NKG2A, KIRs, and LIRs
- The expression of NKG2A, KIRs, and LIRs varies among NK cells from different donors

The Combination of HLA-E + HLA-G Improved Protection to Killing by Allogeneic NK Cells



Agglomerated Data from 22 NK Cell Donors



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Pipeline

Pipeline

Product candidate pipeline across cell platforms and targets in solid and hematologic cancers

Product	iPSC Platform	Targets	Indications	Discovery	Preclinical	Clinical P1	Clinical P2	Clinical P3	Collaborator
CNTY-101	iNK	CD19	B-Cell Malignancies						
CNTY-102	iT	CD19 + CD22	B-Cell Malignancies						
CNTY-107	iT	Nectin-4	Solid Tumors						
Programs in Collaboration									
CNTY-104	iNK/iT	Multi-specific	Acute Myeloid Leukemia						Bristol Myers Squibb
CNTY-106	iNK/iT	Multi-specific	Multiple Myeloma						Bristol Myers Squibb
Research Programs									
Discovery	iNK/iT	TBD	Hematological / Solid Tumors						

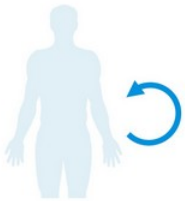
Solid Tumors Hematologic Tumors

CENTURY
THERAPEUTICS

CNTY-101 Clinical Program

CNTY-101 aims to deliver durable responses in R/R B-cell NHL via repeat dosing facilitated by Allo-Evasion™

Aim: extending the period of pharmacologic pressure on tumor cells



Unmet need:

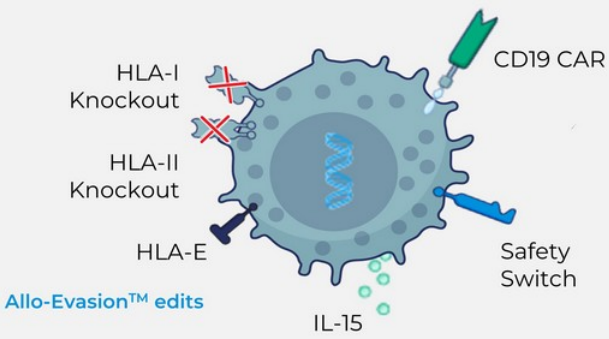
- Autologous CD19 CAR-T is curative in 40 percent of patients
- Autologous CD19 CAR-T access is limited and/or can fail in manufacturing as quality is dependent on patient-derived starting material
- Limited options and poor prognosis for patients who fail autologous CAR-T

Potential solution from Century's platform:

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

R/R: relapsed or refractory, NHL: non-Hodgkin lymphoma, CAR-T: chimeric antigen receptor T cell therapy

CNTY-101: differentiated next-gen CD19 targeted product

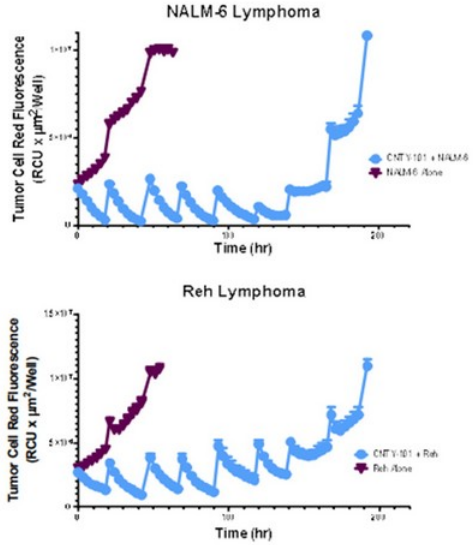


Delivering on our vision to change the cell therapy treatment paradigm

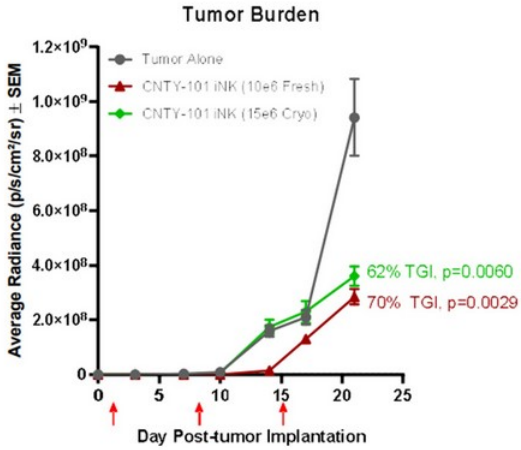
- Goal to improve durability, tolerability and ease of outpatient administration
- Potential to eliminate need for lymphodepletion with subsequent cycles of therapy
- First CD19-targeted agent to test durability benefit of repeat dosing enabled by Allo-Evasion™ edits

CNTY-101 shows strong pre-clinical anti-tumor activity

In Vitro Serial killing assay



Robust activity against lymphoma xenograft



Borges, et al, ASH 2021

CNTY-101: ELiPSE-1 (NCT05336409) Phase 1 BOIN[1] Design

Patients with CD19+ aggressive and high-risk indolent R/R B-NHL
- DLBCL, HGBL, MCL, PMBCL, FL3B, FL, MZL
- ≥ 2 prior lines of therapy
- Prior CD19-targeted cell therapy allowed

Part 1 - Schedule A: single dose escalation
Schedule B: 1 dose per week x 3 weeks
Part 2 - Dose expansion

Initial clinical data to be presented at ASH 2023 Annual Meeting in December
Clinical data providing initial proof-of-concept expected in 2024

[1] BOIN: Bayesian Optimal Interval
[2] Standard lymphodepletion regimen: fludarabine (30 mg/m2/d) and cyclophosphamide IV (300 mg/m2/d) for 3 days
[3] Subjects who are assessed as stable disease or better may receive additional cycles of CNTY-101

Initial ELiPSE-1 data support the potential for a multi-dosing strategy for CAR iNK enabled by Allo-Evasion™

65th Annual Meeting 2023

Title: 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
Abstract: 1654
Session Name: 622. Lymphomas: Translational – Non-Genetic: Poster I
Date: Saturday, December 9, 2023
Session Time: 5:30 PM - 7:30 PM PT

Summary of Case Study Featured in ASH Abstract*

- Patient with high risk relapsed/refractory follicular lymphoma
- **Completed four 28-day cycles of CNTY-101** at the 100 million cell dose (Dose Leve 1), first two administered following lymphodepletion, while the **most recent tw were administered without lymphodepletion**
- All doses of CNTY-101 with and without IL-2 or LDC were **well tolerated an demonstrated clinical benefit** as defined as stable disease or better per Lugan 2014 criteria
- Responses were associated with **tumor shrinkage and an ongoing CR** of duration of 5 months since the first CNTY-101 infusion
- PK showed that **CNTY-101 cells were detected after each infusion wit comparable kinetics**, with a **limited duration in circulation**
- **No measurable CDC-inducing functional ADA** detected in any samples by dat cutoff (including the first three cycles)
- Treatment was associated with **changes in tumor microenvironment within days post-infusion, augmentation of adaptive T cell responses,** and **tumo shrinkage**

Additional data from Dose Level 1 patients, as well as preliminary data from Dose Level 2, to be featured at ASH Annual Meeting in December

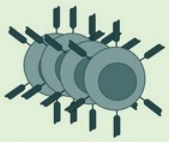
*Data featured in abstract as of a July 10, 2023 cutoff date

ELiPSE-1 translational approach

Readouts

Key Methods

Identify optimal dosing regimen

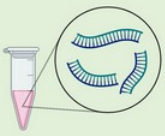


Cellular Pharmacokinetics (PK)

iNK cells

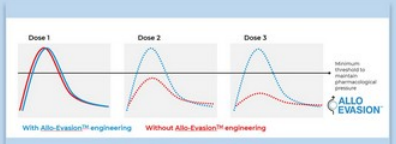
PK in blood

iNK cf-DNA



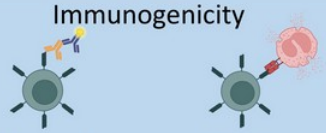
Persistence in the body

Assess impact of Allo-Evasion™



PK after redosing

Immunogenicity



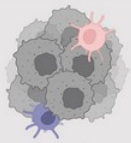
Humoral

Cellular

Functional anti-drug antibodies

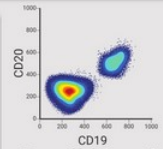
- CAR Neutralization
- ADCC Competence
- CDC Competence

Evaluate mechanism of action

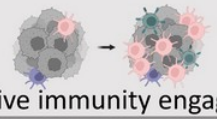


Pharmacodynamics

MRD



B cell kinetics



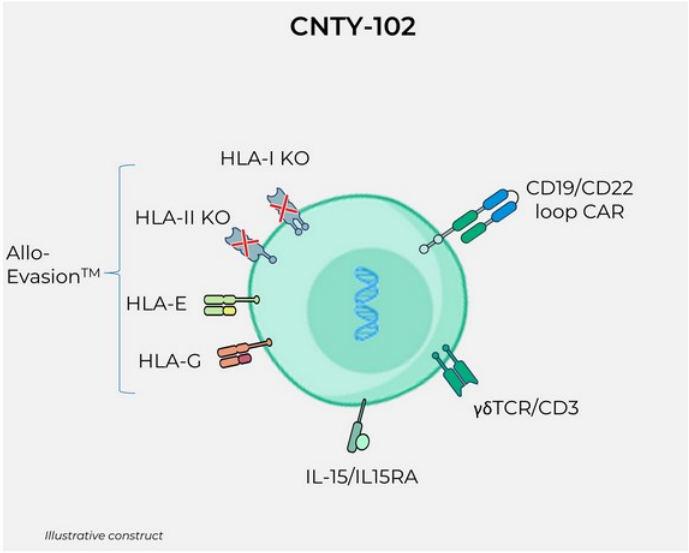
Adaptive immunity engagement

MRD= minimum residual disease; CDC=complement-dependent cytotoxicity; ADCC= antibody-dependent cellular cytotoxicity; CAR=chimeric antigen receptor; cf-DNA=cell free deoxyribonucleic acid

CENTURY
THERAPEUTICS

Discovery Programs

CNTY-102: leveraging the γδ iT platform designed to deliver best-in-class potential

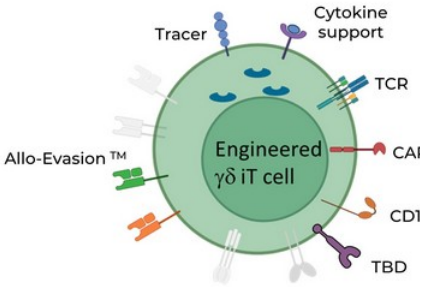


Designed to address factors that limit durability of cell therapy in B-cell malignancies

- γδ iT cells demonstrate high proliferation, persistence, trafficking leading to potentially sustained anti-tumor activity
- Dual targeting designed to counter antigen escape relapse - a major limiting factor for durability of CD19 CAR T therapies
- Armed with Allo-Evasion™ edits to enable repeat dosing to potentially deliver durable responses

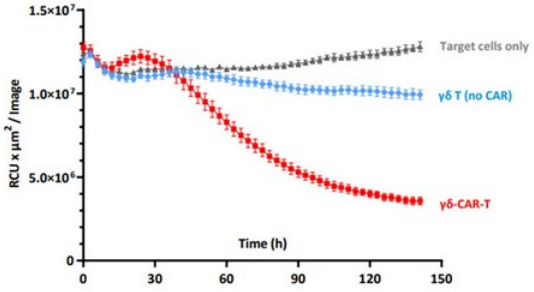
Vision for winning in solid tumors with γδ iT platform

Challenges	Century's Solution
Trafficking and infiltration	γδ iT cells - tissue homing
Tumor heterogeneity	Engage endogenous immunity; multi tumor targeting pathways
Requirement for chemotherapy conditioning	Novel conditioning regimens; genetic engineering
TME / immunosuppressive environment	Future engineering strategies

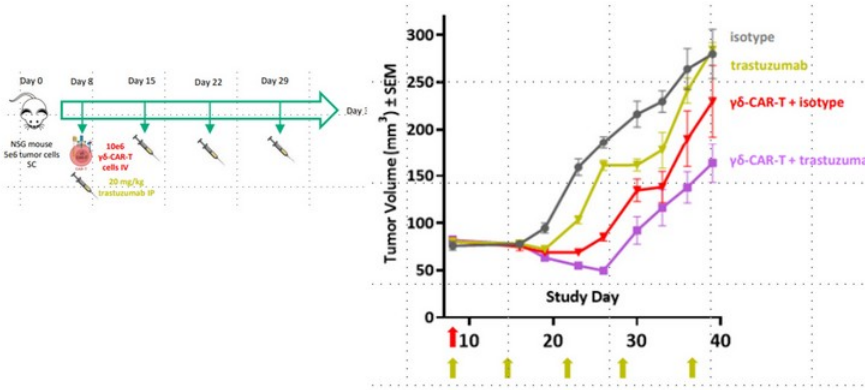


iPSC-derived γδ T cells effective at tumor control as monotherapy and in combination with antibody

γδ-EGFR-CAR-T cells demonstrate significant CAR killing of ovarian spheroids



γδCAR-T demonstrate additive efficacy in combination with trastuzumab

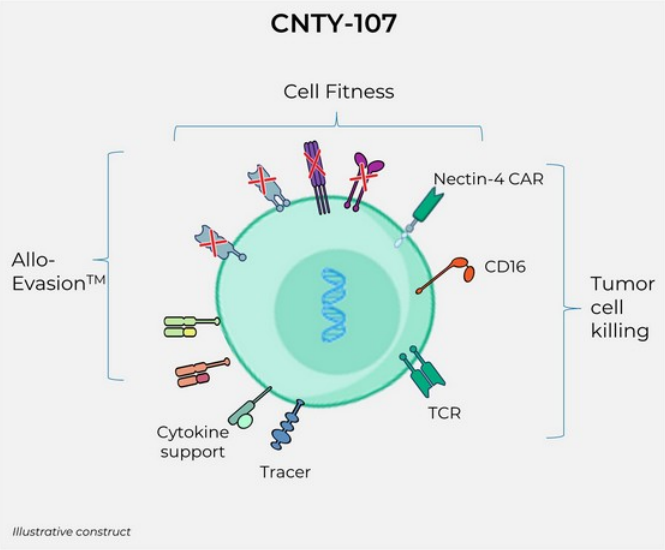


Treatment	% TGI	Significance
trastuzumab	0	P=0.9980
γδ-CAR-T	18	P=0.7073
γδ-CAR-T + trastuzumab	42	P=0.0358

TGI = Tumor Growth Inhibition

Millar, et al, SITC 2022

CNTY-107: first in class Nectin-4 targeted γδ iT cell therapy



Leveraging the power of the γδ iT cell platform for solid tumors

Nectin-4 has been validated by ADC approaches

- Opportunity to address multiple Nectin-4 positive solid tumors
  - Potential indications include bladder, breast, pancreatic, non-small cell lung cancer, esophageal/gastric, head and neck, and/or ovarian cancers[1]

GD iT allogeneic therapies provide potential to improve upon ADC toxicity profile and efficacy

- Intrinsic homing of GD iT cells to tissues and solid malignancies
- Multi-tumor killing modalities to tackle heterogeneity

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

Investment thesis

Next generation platforms for iNK and gamma delta iT candidates
Foundational investments in iPSC technology, genetic editing, and manufacturing

Experienced team in R&D, immuno-oncology, manufacturing and commercialization
Exemplified by execution of ongoing first-in-human Phase 1 ELiPSE-1 trial

Well capitalized with cash runway into 2026
$284.3M in cash, cash equivalents and investments at the end of 3Q23; operational efficiencies designed to enable delivery on key milestones, clinical data

Emerging leader in cell therapies for cancer

Comprehensive iPSC cell platform
For immune effector cells

Technical Expertise
Genetic and protein engineering, process development and immuno-oncology

Foundation in Science
Continuing investment in innovation drives R&D

State-of-the-art GMP manufacturing facility
Fully operational, enabling improved and faster product iteration

Financial Strength
Cash runway into 2026, Ended 3Q23 with cash, cash equivalents, and investments of $284.3M

Emerging pipeline of candidates
Product engine anticipated to deliver additional candidates and INDs in the coming years

BMS Discovery Collaboration
Initial focus on AML (CNTY-104) and Multiple Myeloma (CNTY-106)

~165
Employees including experienced leaders and entrepreneurs

CENTURY
THERAPEUTICS

Thank you.