



COMMITMENT TO A CURE

Investor Presentation

January 2021

collectis.com



FORWARD-LOOKING STATEMENTS

This presentation contains “forward-looking” statements that are based on our management’s current expectations and assumptions and on information currently available to management.

Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from those expressed or implied by the forward-looking statements.

Factors that may cause actual results to differ from those in any forward-looking statement, include the duration and severity of the COVID-19 pandemic and responsive measures; inconclusive clinical trial results or clinical trials failing to achieve one or more endpoints; early data not being repeated in ongoing or future clinical trials; failures to secure required regulatory approvals; disruptions from failures by third-parties on whom we rely in connection with our clinical trials; delays or negative determinations by regulatory authorities; changes or increases in oversight and regulation; increased competition;

manufacturing delays problems; inability to achieve enrollment disagreements with our collaboration partners of collaboration partners to pursue product legal challenges or intellectual property disputes; disruptions to access to raw materials or starting material.

Further information on risks and factors that may affect company business and financial performance, is included in our annual report on form 20-F and the financial report (including the management report) for the year ended December 31, 2019 and subsequent filings Collectis makes with the Securities and Exchange Commission from time to time.

Except as required by law, we assume no obligation to update these forward-looking statements publicly, or to update the reasons actual results could differ materially from those anticipated in the forward-looking statements, even if new information becomes available in the future.

Collectis proprietary information. Not to be copied, distributed or used without Collectis’ prior written consent.

WRITING THE HISTORY OF ALLOGENEIC CAR T-CELLS

21 years

of expertise in
gene editing

9 years

of experience in allogeneic
CAR-T manufacturing

7 clinical trials

ongoing as of 2020;
3 Cellectis-sponsored
4 partnered

INVENTORS / PIONEERS OF GENE EDITING & ALLOGENEIC CAR T-CELLS



In 2012 . .

Mission to develop
allogeneic CAR T-cells begins

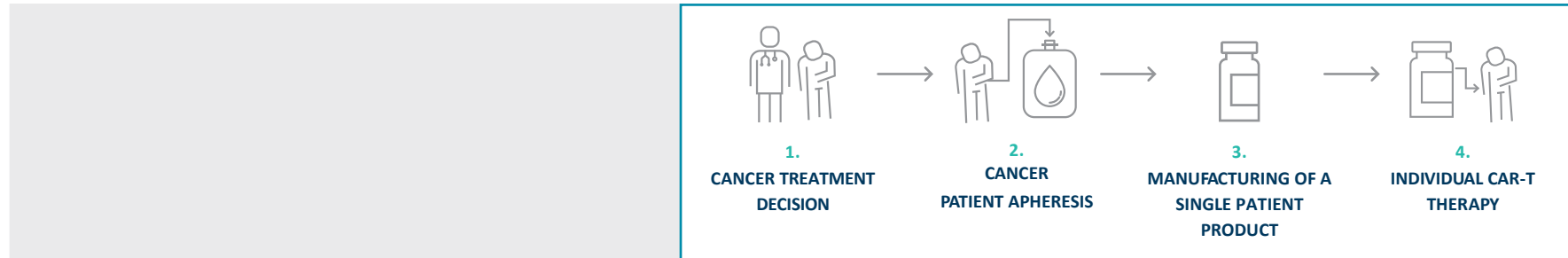
In 2015 . .

First-in-man compassionate
use of an allogeneic CAR-T
product candidate occurs

ADVANTAGES OF ALLOGENEIC VS. AUTOLOGOUS CAR-T

Autologous process:

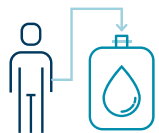
Manufacturing variability + several weeks before treatment is available



Allogeneic process:

Consistent manufacturing + quality

Immediate treatment



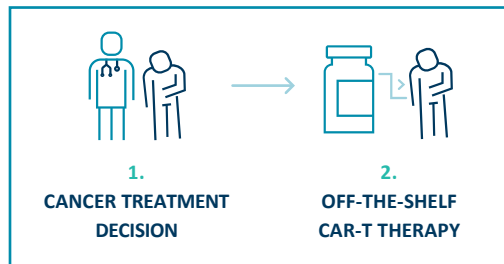
HEALTHY DONOR
APHERESIS



SCALABLE
MANUFACTURING
OF 100+ DOSES/BATCH

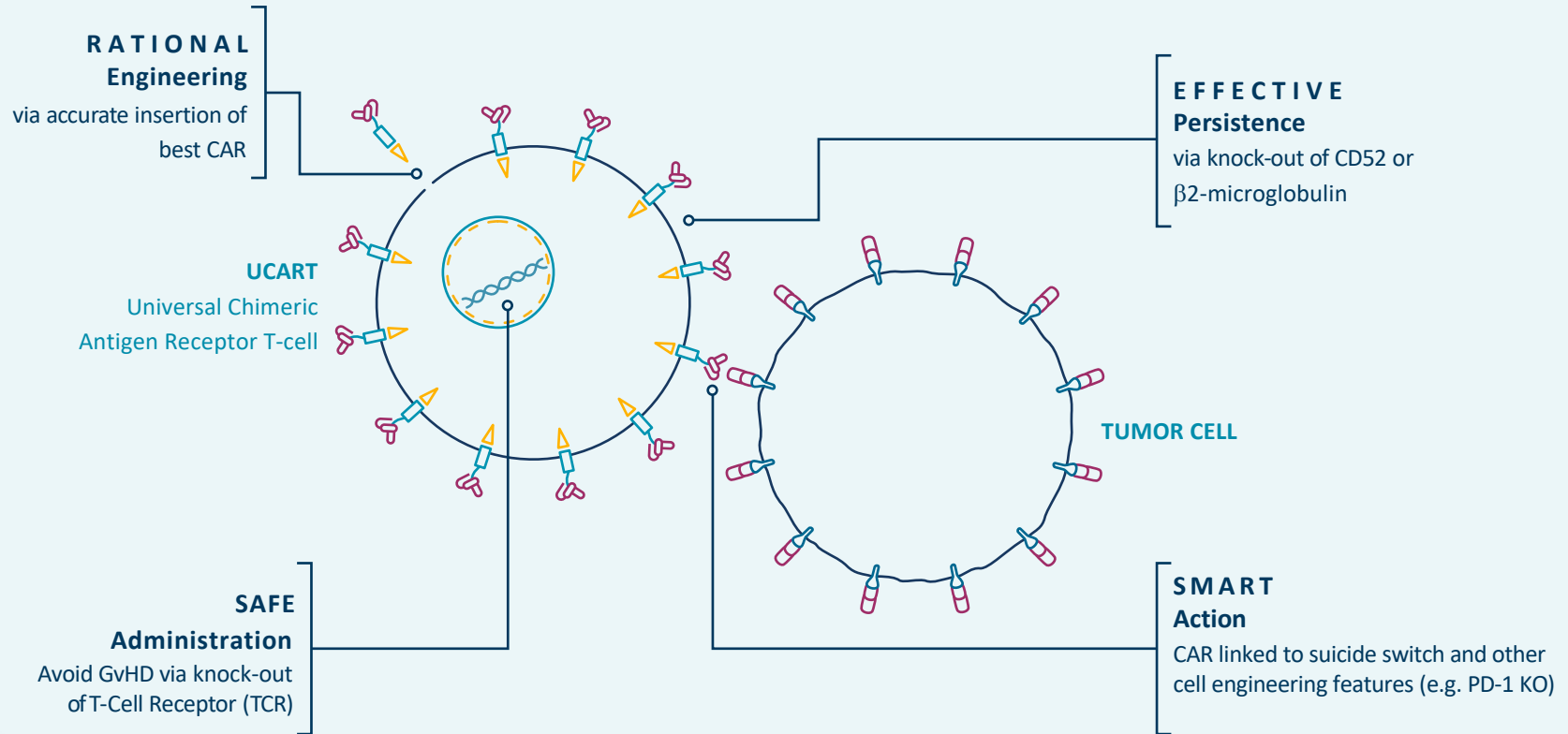


MASS PRODUCED
ALLOGENEIC CAR-T
THERAPIES



- TIME SAVED
- COST EFFECTIVE
- MARKET ACCESS

UCARTs – ALLOGENEIC CAR T-CELLS THROUGH PRECISION GENE EDITING



TALEN® GENE EDITING – ADVANTAGES

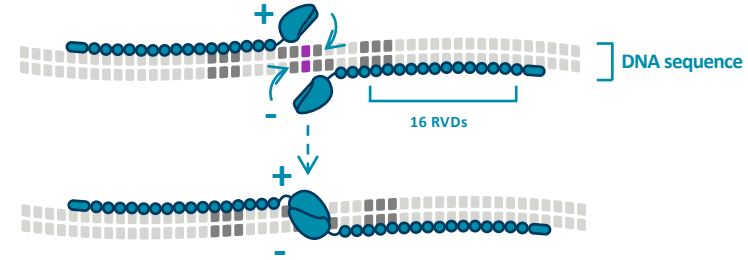
TALEN®:

Driven by protein/DNA interactions to work on potential off-site cleavage

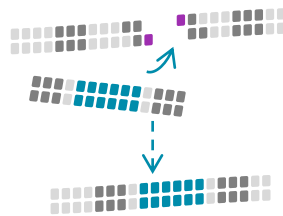
Releases DNA ends **accessible to DNA repair mechanisms to perform gene insertions and corrections** through homologous recombination and gene inactivation through non-homologous end joining

Over 20 years of building a **strong patent portfolio** with umbrella patents on gene editing

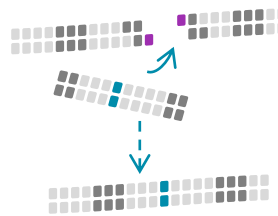
Our nucleases act like DNA scissors to edit genes at precise target sites:



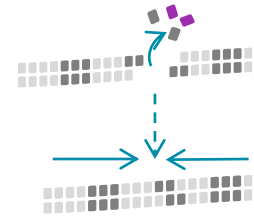
A) Gene insertion or Knock-In (KI)



B) Gene correction



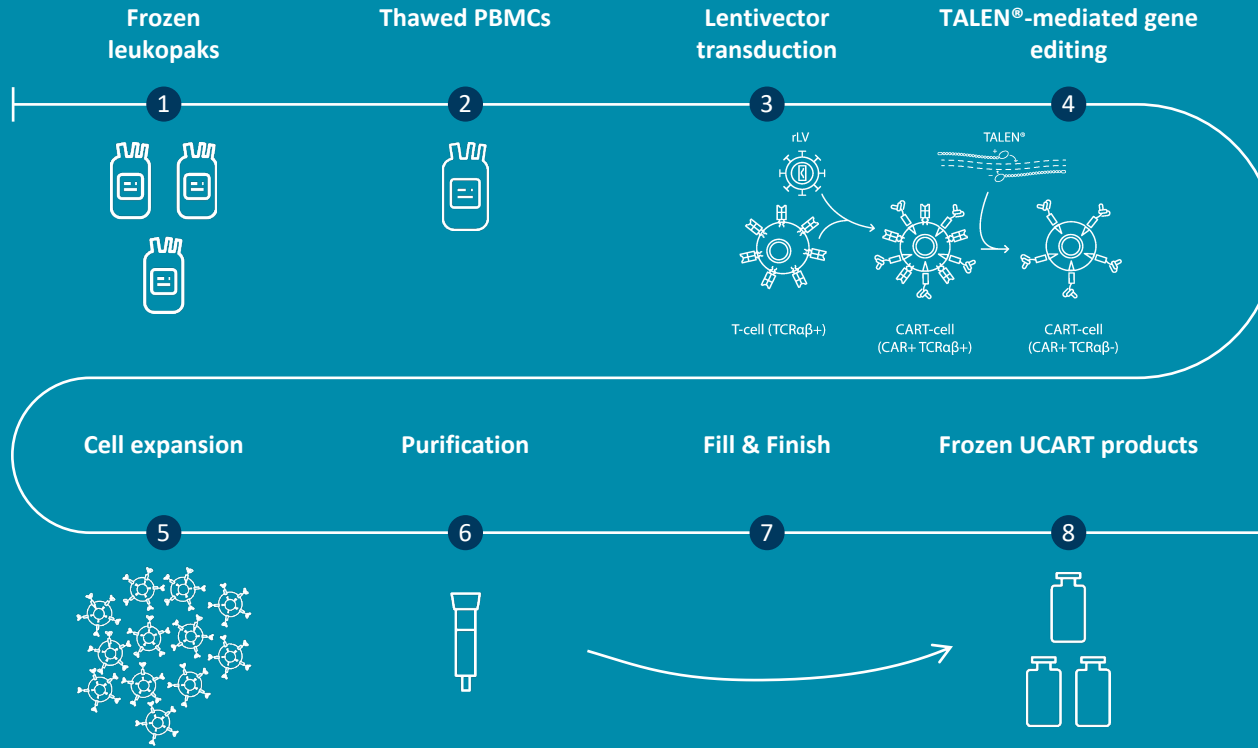
C) Gene inactivation or Knock-Out (KO)



>65% Knock-In Efficiency

96.8% Knock-Out Efficiency





UCART MANUFACTURING













- 9 years of experience in allogeneic CAR-T manufacturing
- Validated gene editing technology for cell manufacturing
- 4 UCART product candidates manufactured so far
- Full QC system in place
- 3 wholly controlled product candidates cleared for 3 clinical trials by the U.S. FDA

PARTNERSHIPS WITH INDUSTRY LEADERS

Up to \$3.2B in potential milestone payments plus royalties

Partner	License	Geography	Most Advanced Targets	Status	Economics to Collectis
 	Exclusive license to CD19-directed allogeneic CAR T-Cells	Ex-US	UCART19 (Anti-CD19)	Ph1	Up To \$410M In Development & Sales Milestones + Low Double-Digit Royalties on Sales
	Sublicensed by Servier to CD19-directed allogeneic CAR T-Cells	US	ALLO-501 ALLO-501A (Anti-CD19)	Ph1	
	Exclusive license to 15 allogeneic CAR T-Cell targets	Global	ALLO-715 (Anti-BCMA) ALLO-316 (Anti-CD70)	Ph1 Pre-IND	Up To \$2.8B In Development & Sales Milestones + High Single-Digit Royalties on Sales
	Exclusive license agreement to use specific TALEN® technology to develop gene-edited TILs	Global	Undisclosed	Pre-IND	Undisclosed Development & Sales Milestones + Royalties on Sales

PIPELINE: INNOVATIVE CANCER THERAPIES FOR UNMET NEEDS

Product		Disease	Study	Phase 1 Dose Escalation	Phase 1 Dose Expansion	Pivotal Phase ²
UCART123		ACUTE MYELOID LEUKEMIA	AMELI-01			
UCART22		ACUTE LYMPHOBLASTIC LEUKEMIA	BALLI-01			
UCARTCS1		MULTIPLE MYELOMA	MELANI-01			
UCART19 ³		ACUTE LYMPHOBLASTIC LEUKEMIA	CALM/PALL			
ALLO-501 ALLO-501A ³		NON-HODGKIN'S LYMPHOMA ¹	ALPHA ALPHA2			
ALLO-715 ⁴		MULTIPLE MYELOMA	UNIVERSAL			

Collectis and its partners are also working on a number of other preclinical targets



1 The ALPHA study targets Diffuse Large B-Cell Lymphoma (DLBCL) and Follicular Lymphoma (FL) indications, which are subtypes of NHL

2 We expect the pivotal phase to be the last clinical phase before commercialization

3 UCART19/ALLO-501 is exclusively licensed to Servier and under a joint clinical development program between Servier and Allogene

4 BCMA is a licensed target from Collectis. ALLO-715 utilizes TALEN® gene-editing technology pioneered and owned by Collectis. Allogene has an exclusive license to the Collectis technology for allogeneic products directed at the BCMA target. Allogene holds global development and commercial rights for this investigational candidate.

CLINICAL TRIAL: DESIGN OF PHASE 1 DOSE ESCALATION STUDIES

Primary Objectives:

**Safety and Identification
of Optimal Dose**

Secondary Objectives:

**Efficacy and Correlative
Studies**

Dose Escalation:

Optimal dose definition



ALLO-501*: COLLECTIS-LICENSED ALLOGENEIC CAR-T

PHASE 1 dose escalation in R/R Non-Hodgkin Lymphoma



N=22 (safety)
N=19 (efficacy)

ALPHA Study

Safety – Primary Objective

0%	Graft vs Host Disease
0%	ICANS (Immune Effector Cell-Associated Neurotoxicity Syndrome)
5%	Grade 3 Cytokine Release Syndrome
9%	Grade 3 Infection
5%	Grade 3 Infusion Reaction

Efficacy – Secondary Objective

63%	Overall Response Rate
37%	Complete Response Rate
75%	ORR in CAR-T naïve patients (N=16)
44%	Complete Response Rate



Re-dosing one patient with ALLO-501 and ALLO-647 resulted in an ongoing CR

The ALPHA trial utilizes ALLO-647, Allogene's anti-CD52 monoclonal antibody as a part of its lymphodepletion regimen



Data Source: ASCO 2020 Conference Presentation

The ALPHA study targets Diffuse Large B-Cell Lymphoma (DLBCL) and Follicular Lymphoma (FL) indications, which are subtypes of NHL.

* Collectis granted to Servier an expanded exclusive worldwide license to develop and commercialize all next generation gene-edited allogeneic CAR T-cell products targeting CD19, including rights to ALLO-501. ALLO-501 is under a joint clinical development program between Servier and Allogene. Allogene is the sponsor of the ALLO-501 ALPHA study

UCART22: Initial Anti-Leukemic Activity in BALLI-01 Phase 1 in R/R B-ALL

PHASE 1 dose escalation in R/R Adult B-Acute Lymphoblastic Leukemia



N=5 (safety)
N=5 (efficacy)

BALLI-01 Study

Preliminary data from **5** patients who received UCART22 at DL1 or DL2 after FC lymphodepletion regimen

Median prior lines of therapy: **3**

Median bone marrow blasts: **35%** prior to lymphodepletion

Safety – Primary Objective

0 Patients reported DLT, GvHD, AESI, ICANS, or Treatment related SAE¹

Efficacy – Secondary Objective

- 2** Patients at DL1 achieved **CRi² at Day 28**; of which one patient attained **CR at Day 42** and proceeded to HSCT after receiving *inotuzumab*.
- 1** Patient at DL2 achieved bone marrow blast reduction (**60% at screening to 13% at Day 28**)

Enrollment into DL2 cohorts with FCA³ lymphodepletion regimen is ongoing



Data Source: ASH 2020 Conference Presentation

¹ DLT: Dose Limiting Toxicity; GvHD: Graft versus Host Disease; AESI: adverse event of special interest; ICANS: immune effector cell-associated neurotoxicity syndrome; SAE: Serious Adverse Event

² CR: Complete Remission; CRi: Complete Remission with incomplete hematologic recovery

³ FCA: Fludarabine, Cyclophosphamide and Alemtuzumab

UCART22 IN ACUTE LYMPHOBLASTIC LEUKEMIA

ALL Incidence Rates & Survival Data

6,150

Estimated new cases of ALL in the US for 2020

20%

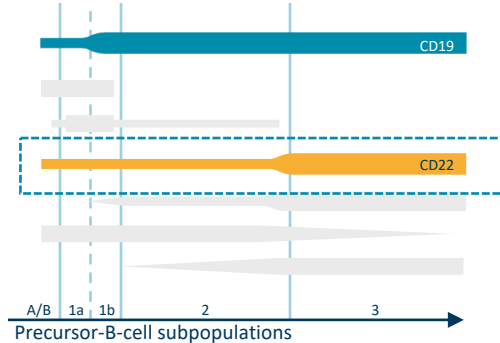
5-year OS in adults

<6

Months median disease-free survival in R/R pediatric patients

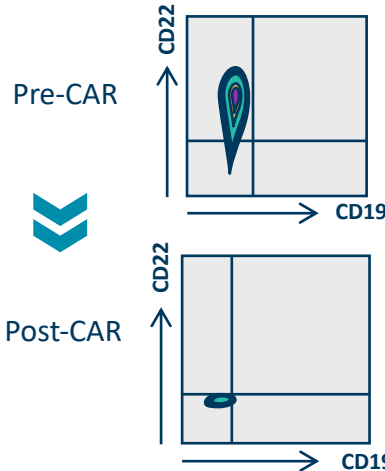
CD22 Expression in B-cells

Flow cytometric analysis of B-cell differentiation



CD22 is expressed in >95% B-ALL cells

Treatment potential for CD19-negative patients



Relapses following CD19-directed CAR T-cell therapy can show loss of CD19 antigen but **persistent expression of CD22**

Anti-CD22 CAR T-cells can induce remissions in **CD19 negative B-cells**

Collectis Trial Recruitment Sites



Weill Cornell
Medicine

THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center
Making Cancer History®



THE UNIVERSITY OF
CHICAGO
MEDICINE



Health

UCART123 IN ACUTE MYELOID LEUKEMIA

AML Incidence Rates & Survival Data

19,940

Estimated new cases of AML in the US for 2020

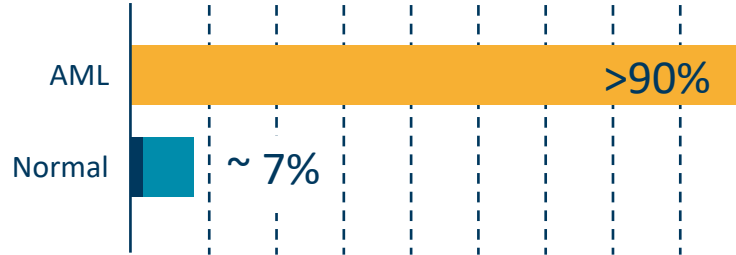
27%

5-year OS in adults

6%

5-year OS in adults >55 years old

High CD123 expression on malignant cells



Limited CD123 expression on healthy cells

- CD123 is expressed >90% on malignant cells in AML
- Total bone marrow cells ~ 7% CD123 positive
- Only ~ 1% expresses the antigen at high levels

Also expressed on BPDCN and Hodgkin's lymphoma

Collectis Trial Recruitment Sites



UCARTCS1 IN MULTIPLE MYELOMA

MM Incidence Rates & Survival Data

32,270

Estimated new cases of MM in the US for 2020

43-83

Months is median OS for stages 2-3

50%

5-year OS in adults

High expression on malignant cells

>95%

expression in MM cells

→ CS1 expression is **high**
and uniform on MM cells

Treatment alternative to BCMA-targeted therapies

- **Many BCMA-targeted cell therapies show relapses** after 12-14 months of treatment
- Elotuzumab, a CS1-targeting antibody, (in combination with lenalidomide and dexamethasone in R/R MM patients) shows:
5% CR rate and 45% partial remissions

Collectis Trial Recruitment Sites



**Weill Cornell
Medicine**

THE UNIVERSITY OF TEXAS
**MD Anderson
Cancer Center**
Making Cancer History®

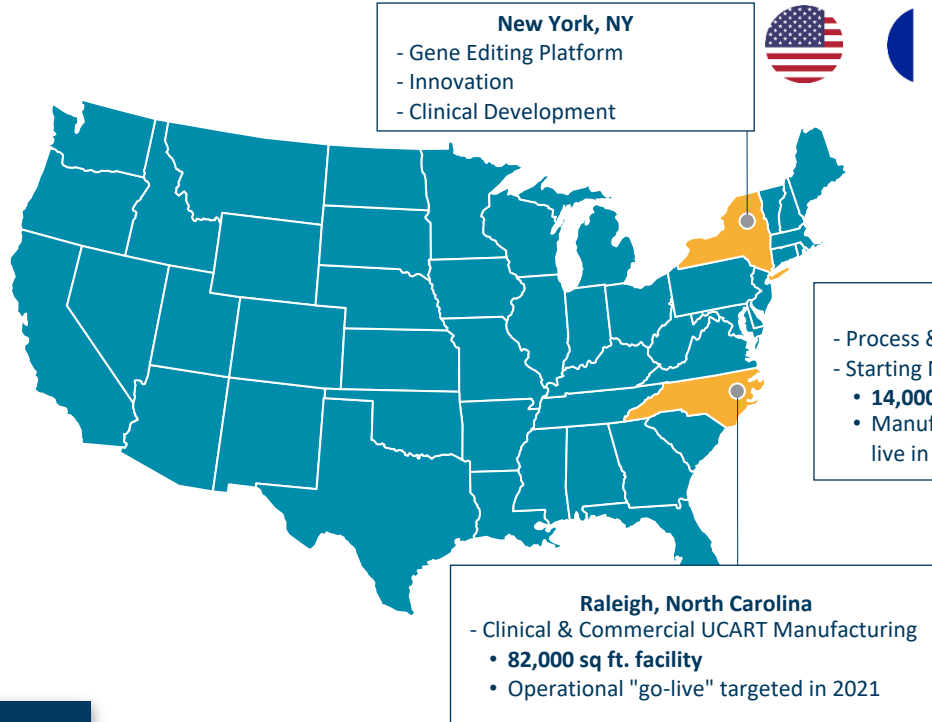


Hackensack
Meridian Health

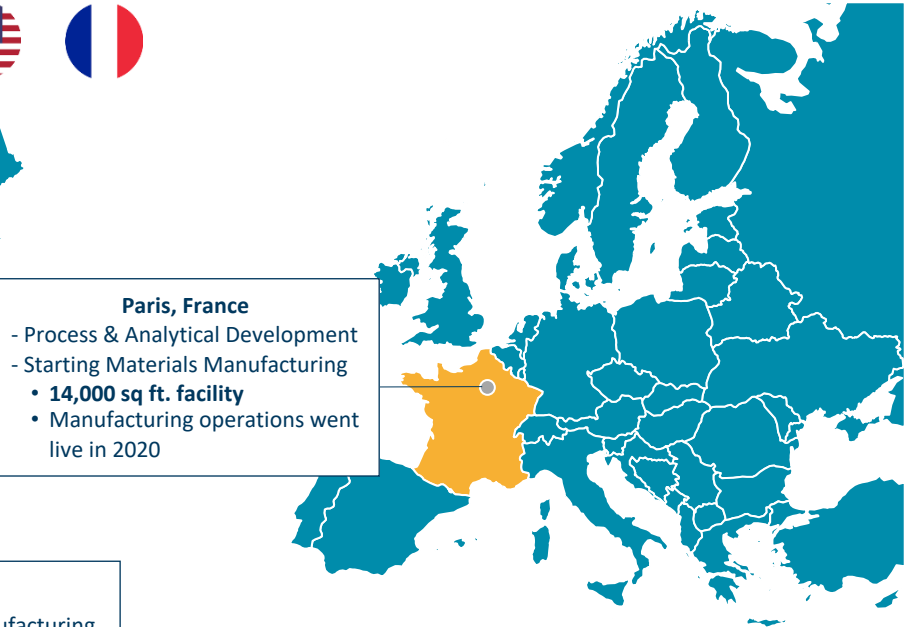


A CROSS ATLANTIC ORGANIZATION

US Footprint



EU Footprint



THE COLLECTIS GROUP



NASDAQ: CLLS

EURONEXT GROWTH: ALCLS

- ~\$278M** cash and cash equivalents as of September 30, 2020
- Expected to fund operations into 2022
- Based in Paris, France, New York & Raleigh, USA
- Patient focused



Equity Investor
6.56%* ownership
in Collectis

~64.7%* ownership



NASDAQ: CLXT

- \$30M cash and cash equivalents as of September 30, 2020 (before the \$15M Registered Direct Offering in October 2020)
- Cash Runway Extended into the Second Half of 2022
- Based in Minnesota, USA
- Consumer focused
- High value asset



Gene editing is the link



* As of October 20, 2020, following the Registered Direct Offering

** \$308M of consolidated cash, cash equivalents, current assets and restricted cash (Collectis + Calyxt)

ACHIEVED MILESTONES

Proprietary clinical programs

UCART22: Phase 1 in R/R ALL ongoing; data presented at ASH 2020

UCARTCS1: Phase 1 R/R MM ongoing

UCART123: Phase 1 for R/R AML ongoing

Partnered clinical programs

UCART19¹: Phase 1 in R/R ALL near completion

ALLO-501/ALLO-501A¹: Phase 1 in R/R NHL ongoing; data presented at ASCO 2020

ALLO-715²: Phase 1 in R/R MM ongoing; data presented at ASH 2020

Manufacturing

2 in-house GMP manufacturing plants:

Paris, France facility has started manufacturing of GMP starting material supply

Raleigh, North Carolina facility on track for GMP UCART manufacturing in 2021

EXPECTED FUTURE MILESTONES

UCART22: Enrollment and dosing ongoing at DL2 with Alemtuzumab+FC lymphodepletion; data update expected in 2021

UCARTCS1: Clinical hold lifted and study resumed; data update expected in 2021

UCART123: Enrollment and dosing ongoing at DL2 with Alemtuzumab+FC lymphodepletion; data update expected in 2021



¹ UCART19/ALLO-501/ALLO-501A is exclusively licensed to Servier and under a joint clinical development program between Servier and Allogene.

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THANK YOU

Reach us at: investor@cellectis.com



Collectis Paris
8, rue de la Croix Jarry
75013 Paris – France



Collectis New York
430 East 29th Street
10016 New York, NY – USA



Collectis Raleigh
2500 Sumner Boulevard
27616 Raleigh, NC – USA