



TARGETING CANCER

New Science. New Cancer Therapies. New Hope.

Company Overview -- February 2020



#### FORWARD LOOKING STATEMENTS

This presentation includes forward-looking statements (including within the meaning of §21E of the U.S. Securities Exchange Act of 1934, as amended, and § 27A of the U.S. Securities Act of 1933, as amended). Forward looking statements, which generally include statements regarding goals, plans, intentions and expectations, are based upon current beliefs and assumptions of Oncternal Therapeutics, Inc. ("Oncternal," or the "Company") and are not guarantees of future performance. Statements that are not historical facts are forward-looking statements, and include statements regarding the expected timing for achieving key milestones, including completing and announcing results of clinical trials of the Company's product candidates, and the anticipated market potential, duration of patent coverage, and ability to obtain and maintain favorable regulatory designations for the Company's product candidates and preclinical programs.

All forward looking statements are subject to risks and uncertainties, which include, but are not limited to: uncertainties associated with the clinical development and process for obtaining regulatory approval of Oncternal's product candidates, including potential delays in the commencement, enrollment and completion of clinical trials; inherent risks involved in the commercialization of any product, if approved; the risk that results seen in a case study of one patient likely will not predict the results seen in other patients in the clinical trial; the risk that interim results of a clinical trial do not predict final results and that one or more of the clinical outcomes may materially change as patient enrollment continues, following more comprehensive reviews of the data, as follow-up on the outcome of any particular patient continues, and as more patient data become available; the risk that unforeseen adverse reactions or side effects may occur in the course of developing and testing Oncternal's product candidates; and the risk that Oncternal may be unable to obtain sufficient additional capital to continue to advance the development of its product candidates and preclinical programs.

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## **Corporate Highlights**



#### THREE NOVEL ONCOLOGY PRODUCT CANDIDATES IN DEVELOPMENT

#### **TK216: TARGETED ETS INHIBITOR**

- Deep and sustained response observed in Ewing sarcoma Phase 1 clinical trial
- Additional opportunities in other cancers with ETS alterations

#### CIRMTUZUMAB: ROR1 INHIBITORY MONOCLONAL ANTIBODY

- Sustained responses in MCL and CLL in Phase 1/2 clinical trial and TNBC in Phase 1b clinical trial
- Additional opportunities in other ROR1 expressing cancers

#### ROR1 CAR-T: PRECLINICAL DEVELOPMENT WITH CIRM AND SHANGHAI PHARMA

Potential to improve on CAR-T efficacy and safety

#### **MULTIPLE DATA CATALYSTS EXPECTED IN 2020**

- Clinical data updates expected in Ewing sarcoma, MCL, CLL and breast cancer
- ROR1 CAR-T expected to reach clinic in 4Q 2020 in China

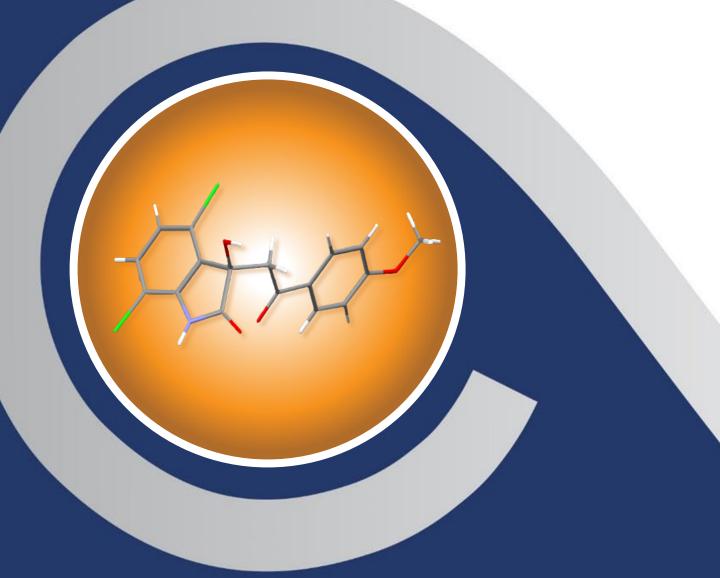
#### **EXPERIENCED MANAGEMENT AND BOARD OF DIRECTORS**

### **Robust Pipeline – Novel Product Candidates in Multiple Indications**



Product Candidate	Indication	Preclinical	Phase 1	Phase 2	Phase 3	Modality	
Cirmtuzumab	Chronic Lymphocytic Leukemia (CLL)				ROR1 mAb		
	Mantle Cell Lymphoma (MCL)						
	Breast Cancer						
TK216	Ewing Sarcoma						
	Acute Myeloid Leukemia (AML)				ETS oncoprote	in inhibitor	
	Prostate Cancer				213 oncoprotein ministroi		
ROR1 CAR-T	Heme Cancers						
	Solid Tumors				ROR1 CAR-T cell t	herapy	





**TK216** 

Targeted ETS Oncoprotein Inhibitor

### TK216: First-in-Class Targeted ETS Oncoprotein Inhibitor



#### **OPPORTUNITY**

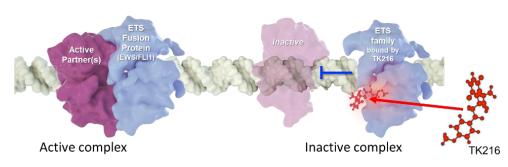
- Fast-to-market strategy in Ewing sarcoma
  - Potentially Pediatric Voucher eligible
- Significant market potential in other cancers with ETS alterations:
  - AML, prostate cancer, DLBCL
- Patent coverage through 2037

#### **MECHANISM OF ACTION**

- Novel small molecule inhibitor of ETS family oncoproteins
  - Designed to prevent/disrupt formation of transcriptionally-active protein complex
- ETS transcription factors regulate many target genes implicated in cancer development and progression

#### **DEVELOPMENT STATUS**

- Enrolling expansion cohort, Phase 1b clinical trial (n=18) in relapsed/refractory Ewing sarcoma
- Orphan Drug Designation and Fast Track Status granted by FDA



**ETS** = **E**26 **T**ransformation-**S**pecific oncogene family

Erkizan NatureMed 2009

## Unmet Medical Need Relapsed / Refractory Ewing Sarcoma



- Orphan disease, second most common pediatric bone tumor
  - U.S. incidence ~430 p.a.<sup>(1)</sup>
  - U.S. prevalence ~4,000 (1)
- Median age at diagnosis 15 years
- No standard second-line treatment and poor prognosis:
  - Metastatic EWS: 5-year OS ~30%
  - Recurrent EWS: 5-year OS ~10-15%
- Nearly all Ewing sarcoma driven by translocations of ETS family oncogenes (EWS-FLI1 85-90%, EWS-ERG ~10%)
  - ETS transcription factors regulate many genes implicated in cancer development and progression



ETS = (E26 Transformation-Specific oncogene family)

## Patient Story: Sustained Clinical Response with TK216 in Patient with Extensively Treated Metastatic Relapsed / Refractory Ewing Sarcoma



- 19-year old male
- Presented in 2015 with metastatic Ewing sarcoma involving his clavicle and lungs
- Failed numerous treatments:
  - radiation
  - VDC/IE: vincristine, doxorubicin, cyclophosphamide, ifosfamide, etoposide
  - irinotecan
  - temozolomide
  - bevacizumab
  - pazopanib

- Enrolled in Phase 1 study of TK216 at MSKCC in 2019
- Received TK216 in final, highest dose-finding dosage cohort (200 mg/m²/day TK216 for 14 days)
- After two cycles of single-agent TK216: resolution of all target pulmonary metastases
  - Treatment well tolerated, with minimal myelosuppression
- Sustained response after 6 months of TK216
  - Vincristine added after 2nd cycle
- Residual non-target 7 mm lung lesion excised, leading to surgical complete remission
- No evidence of disease at 10+ months on study



2 cycles single agent TK216

Target lesions resolved



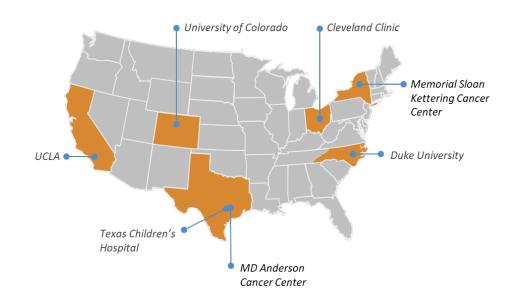
Baseline

## Phase 1b of TK216 in Patients with Relapsed / Refractory Ewing Sarcoma Phase 2 Dose Selected and Now Enrolling Expansion Cohort



Interim data presented at Connective Tissue Oncology Society (CTOS) 2019<sup>1</sup>:

- 3+3 dose and schedule escalation cohorts
  - 32 patients with relapsed, refractory Ewing sarcoma
  - Average of 4 prior therapies
  - Phase 2 dose selected: 200 mg/m<sup>2</sup>/day TK216 for 14 days
- <u>Safety</u>: generally well-tolerated, with dose limiting toxicity of manageable myelosuppression and no obvious off-target toxicity
- <u>PK</u>: drug plasma levels met or exceeded those associated with anti-cancer activity in preclinical models
- Activity: Phase 2 dose demonstrated early evidence of activity
  - 1 surgical CR (deep PR on single-agent TK216), 1 SD, 1 PD
  - ORR 33.3%, disease control 66.7%
- Phase 1b expansion cohort opened in December 2019
  - 18 patients will be treated using Phase 2 dosing regimen



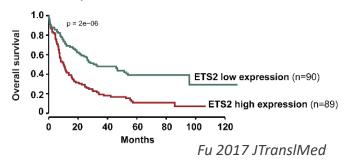
1 – Meyers MSKCC, 2019 CTOS Tokyo

### Additional Opportunities for TK216 in Cancers with ETS Alterations

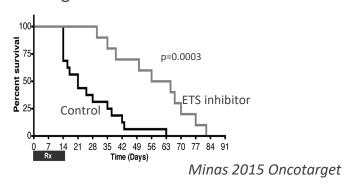


#### **Acute Myeloid Leukemia (AML)**

- ETS family proteins overexpressed in ~30% AML cases
- ETS expression is associated with shorter OS



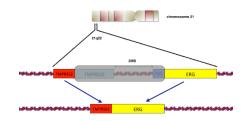
- Sensitivity of AML cell lines to TK216 was proportional to level of ETS overexpression
- ETS inhibition prolonged survival in EWS-FLI1 transgenic AML model



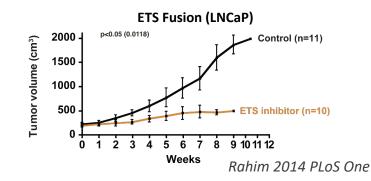
#### **Prostate Cancer**

55% of men with advanced prostate cancer carry ETS family gene fusion TMPRSS2-ERG associated with androgen resistance and poor clinical outcomes

TMPRSS2 and ERG are located on chromosome 21

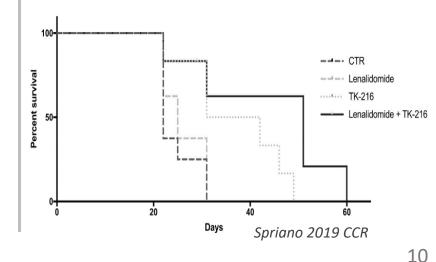


ETS inhibition demonstrated antitumor activity in human prostate cancer xenograft model



#### **Diffuse Large B Cell** Lymphoma (DLBCL)

- ETS proteins overexpressed in DLBCL
- ETS family member genes are essential for activated B-cell-like (ABC) DLBCL and germinal center B-cell type (GCB) DLBCL
- FTS inhibition demonstrated antitumor activity in xenograft models
- Synergy with lenalidomide and venetoclax shown in preclinical model



**ONCT Corporate Presentation Feb 2020** 

### TK216 – Data Anticipated in 2020



Phase 1b in Ewing sarcoma: expansion cohort data

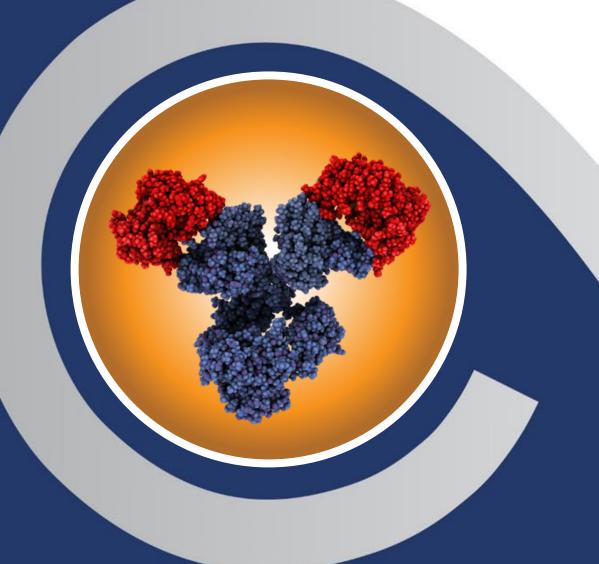
2H 2020

- Expect to enroll 5-10 additional patients by mid-2020
- IND-enabling data in additional ETS-driven tumors

2H 2020

- AML, prostate, DLBCL





### **CIRMTUZUMAB**

ROR1 monoclonal antibody

### Cirmtuzumab: First-in-class ROR1 Monoclonal Antibody



#### **OPPORTUNITY**

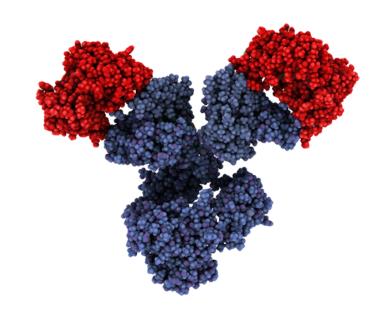
- Potential in multiple hematologic and solid cancers
- Supported by ~\$14M non-dilutive CIRM grant
- Patent coverage through 2033

#### **MECHANISM OF ACTION**

- High-affinity humanized ROR1 monoclonal antibody
- Inhibits Wnt5a stimulated ROR1 signaling
  - Decreased proliferation, invasion, metastasis, stemness
- Preclinical synergy observed with ibrutinib or paclitaxel

#### **DEVELOPMENT STATUS**

- Well-tolerated and active in completed CLL Phase 1
- Phase 1b enrolled in CLL in combination with ibrutinib
- Randomized Phase 2 enrolling in CLL in combination with ibrutinib
- Phase 1b enrolling in MCL in combination with ibrutinib
- Phase 1b enrolling in HER2-negative breast cancer



ROR1 = Receptor tyrosine kinase-like Orphan Receptor 1
CIRM = California Institute for Regenerative Medicine

## Unmet Medical Need: Mantle Cell Lymphoma and Chronic Lymphocytic Leukemia



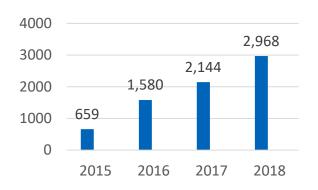
#### **Unmet Medical Need**

- While ibrutinib alone is active in CLL and MCL, patients are not cured and must continue treatment until intolerance or resistance develops:
  - CLL ibrutinib CR rate < 10%<sup>(1)</sup>
  - MCL ibrutinib CR rate ~25%<sup>(2)</sup>
- US incidence<sup>(3)</sup>
  - CLL ~20,000 p.a.
  - MCL ~4,200 p.a.
- Average age at diagnosis
  - CLL: 71<sup>(4)</sup>
  - MCI: mid-60s<sup>(3)</sup>
    - (1) O'Brien 2018 Blood; CR rate at 12 months of therapy
    - (2) Wang 2015 Blood
    - (3) seer.cancer.gov, Dec. 2019; Leukemia and Lymphoma Society
    - (4) cancer.net, Dec. 2019
    - (5) AbbVie Form 10-K Feb. 2019

#### **Cirmtuzumab + BTKi Target Product Profile**

- Potential differentiation in CLL and MCL: achieve deeper and more durable responses than BTKi alone, with better tolerability or minimal added toxicity
- Become standard-of-care combination therapy for patients with CLL and MCL, particularly for patients who are older and/or have significant co-morbidities
  - Certain other combination therapies are associated with significant toxicities

#### Ibrutinib U.S. Sales (\$M)<sup>(5)</sup>



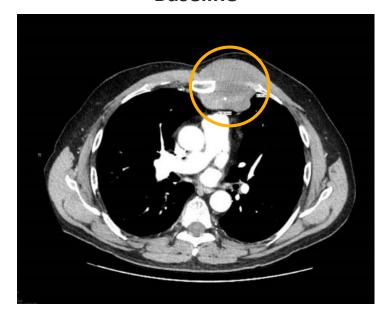
## Patient Story: Durable Complete Response in Patient with Relapsed Mantle Cell Lymphoma in Clinical Trial of Cirmtuzumab and Ibrutinib



- 67-year old male
- Diagnosed with MCL in 2009
- Previously received and failed 5 treatment regimens including chemotherapy, biologics, autologous stem cell transplant, and allogeneic stem cell transplant before enrolling onto this study
- 9x7 cm mediastinal / chest wall lesion

- Rapid clinical response with confirmed CR after 3 months cirmtuzumab + ibrutinib
- CR confirmed and durable at 20+ months on study

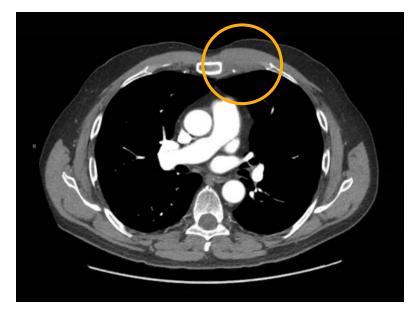
#### **Baseline**



After 3 months

Complete Response

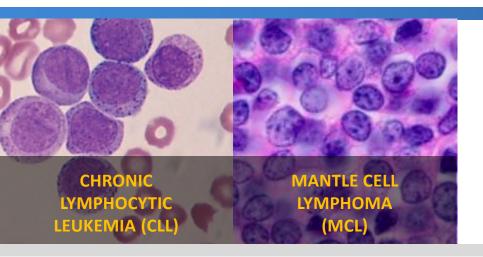
#### **Cirmtuzumab + Ibrutinib**



Choi, 2019 ASCO and Company update January 29, 2020

#### Phase 1/2 Study of Cirmtuzumab and Ibrutinib in Patients with CLL and MCL





#### **CIRLL** Study:

- Cirmtuzumab and Ibrutinib targeting ROR1 for Leukemia and Lymphoma
- Data will determine whether to seek regulatory approval through accelerated approval pathway

### STUDY DESIGN

PART 2 (in CLL & MCL)

#### PART 1 (in CLL & MCL)

#### **DOSE-FINDING COHORT**

- Cirmtuzumab at 2/4/8 & 16 mg/kg and 300 & 600 mg per dose
- Ibrutinib added after one month (420 mg CLL, 560 mg MCL qd po)

Enrolled

### DOSE-CONFIRMING COHORT

 Confirm Recommended Dosing Regimen (RDR) of cirmtuzumab (600 mg) + ibrutinib at approved dose (420 mg CLL, 560 mg MCL)

CLL enrolled MCL enrolling

#### PART 3 (in CLL)

#### RANDOMIZED EFFICACY

- Cirmtuzumab + ibrutinib vs ibrutinib
- Primary endpoint: Complete Response rate

Enrolling

#### **CIRLL Trial Cirmtuzumab + Ibrutinib: Phase 1 Interim Data**



#### **MCL Part 1**

- N=12 evaluable patients with relapsed/refractory MCL
  - Median 2 prior therapies
    - 10 of 12 patients with ≥2 prior therapies
    - Auto-SCT (n=4), allo-SCT (n=1), CAR-T (n=1), ibrutinib (n=4)
- Median follow-up 5.7 months
- Efficacy: 4 CR (33%), 6 PR (50%), 2 SD (17%)
  - Best ORR 83% (10 of 12)
  - Clinical Benefit (CR, PR or SD) seen in 100% of subjects
  - All CRs achieved within 3-4 months on cirmtuzumab + ibrutinib

#### CLL Parts 1 & 2

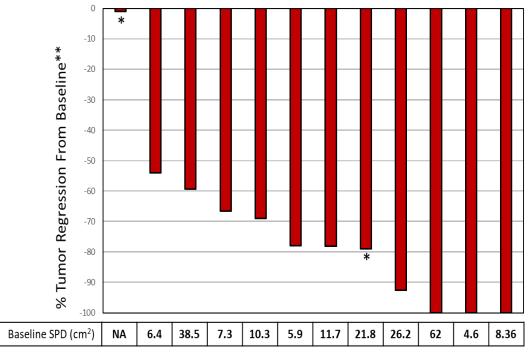
- N=34 evaluable patients (22 relapsed/refractory, 12 treatment naïve)
  - Median 2 prior therapies for r/r patients
  - 79% of patients high risk based on del(17p), del(11q), unmutated IGHV
- Median follow-up 9.9 months
- Efficacy: 1 CR (3%), 29 PR (85%), 4 SD (12%)
  - Best ORR 88% (30 of 34)
  - Clinical Benefit (CR, PR or SD) seen in 100% of subjects
  - Additional 3 clinical complete responses (confirmatory bone marrow biopsies pending)
  - No progressive disease observed on study (PFS=100%)

- Adverse events typical for ibrutinib alone
  - No dose limiting toxicities or discontinuations due to cirmtuzumab
  - No Grade 3 or higher common adverse events attributed to cirmtuzumab alone
  - Neutropenia 13% (Grade 3-4: 8.7%)

## CIRLL Trial: Interim MCL Part 1 Data Complete Responses in Four Heavily Pretreated Patients



## Tumor Regression: Maximal Change in SPD From Baseline

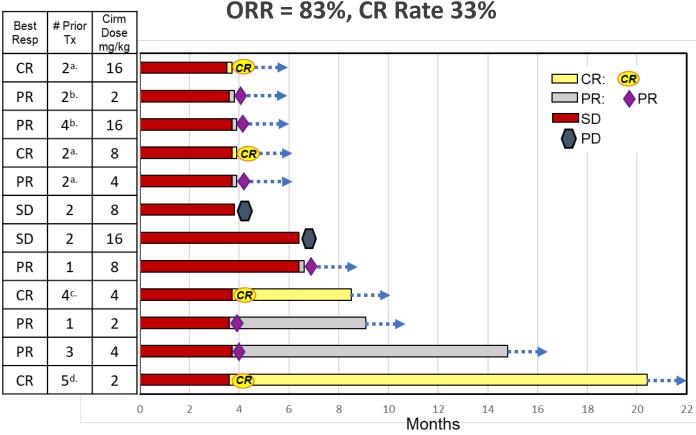




<sup>\*\*</sup> Change in tumor size (SPD: Sum of Perpendicular Diameters)

Rule Haematologica 2019: ORR 67% and CR rate 23% for ibrutinib in MCL with >1 prior lines of therapy in a pooled analysis across three third-party clinical studies

## Best Tumor Response Over Time ORR = 83% CR Rate 33%



<sup>&</sup>lt;sup>a.</sup> Prior ibrutinib/ritux (7-10 mos), R-HyperCVAD

b. Prior chemo, auto-stem cell transplant (SCT)

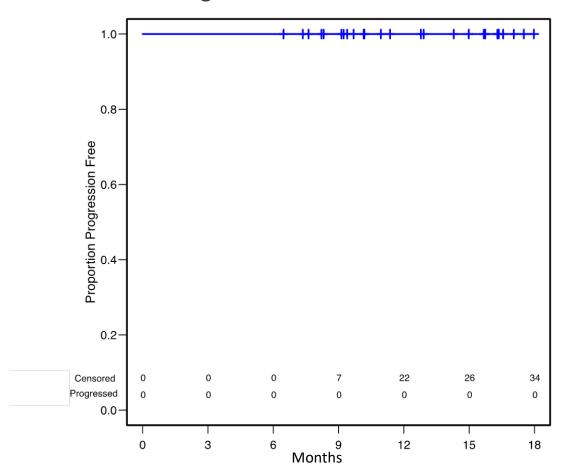
<sup>&</sup>lt;sup>c.</sup> Prior chemo, auto-SCT, CAR-T

d. Prior chemo, auto-SCT, allo-SCT

## CIRLL Trial: Interim Part 1&2 CLL Results 100% PFS and Reduced Lymphocytosis

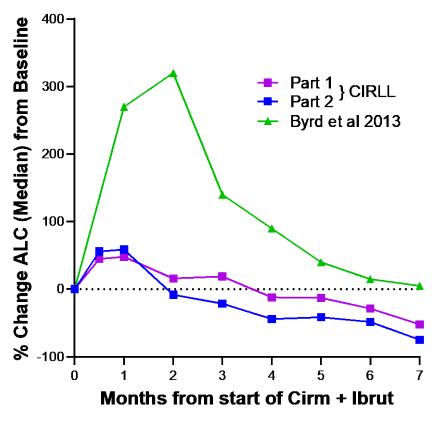


#### **Progression-Free Survival 100%**



Note: 1 patient died of complications of acute cholecystitis off study without evidence of CLL progression

## Reduced lymphocytosis compared to historical ibrutinib data



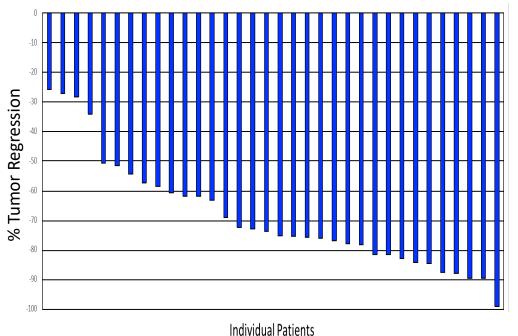
ALC = Absolute Lymphocyte Count

Source: Choi, 2019 ASH (data cutoff early November 2019)

#### **CIRLL Trial: Interim CLL Part 1&2 Data**

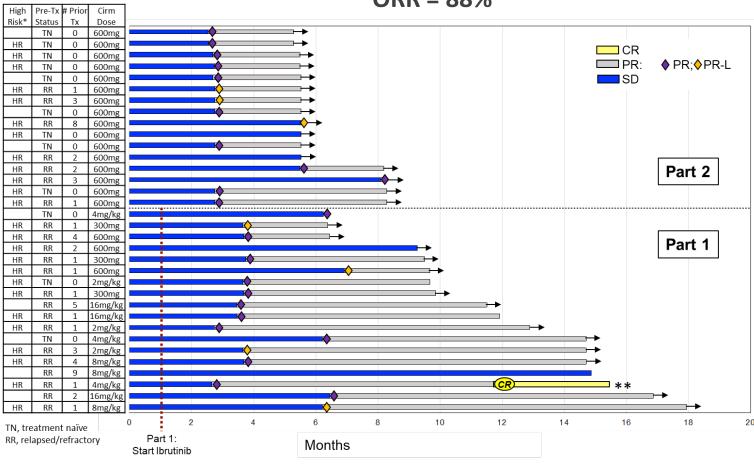


### Tumor Regression: Maximal Change in SPD From Baseline



SPD = Sum of Perpendicular Dimensions of measurable disease

## Best Tumor Response Over Time ORR = 88%



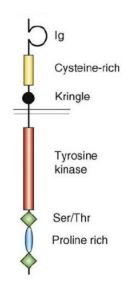
<sup>\*</sup> HR = known high risk factors: unmutated IgVH, del 17p/ TP53, and/or deletion 11q

<sup>\*\*</sup> Sustained CR for 6+ months on no CLL therapy

## ROR1 Overexpressed in Multiple Tumors and Associated with More Aggressive Cancer



Receptor
Tyrosine
Kinase-like
Orphan
Receptor 1



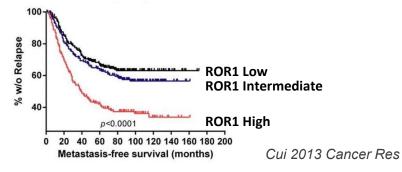
- ROR1 expression is suppressed in normal adult tissues <u>BUT</u> reactivated as survival factor by many different cancers
- Cancer cells overexpressing ROR1 show increased survival, migration and resistance to chemotherapy

## ROR1 Expressed on Multiple Solid and Liquid Tumors

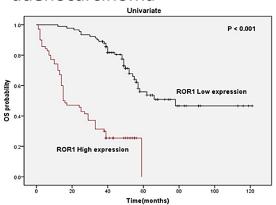
MCL	95%
CLL	95%
Uterus	96%
Lymphoma	90%
Prostate	90%
Skin	89%
Pancreatic	83%
Adrenal	83%
Lung	77%
Breast	<b>75%</b>
Testicular	73%
Colon	57%
Ovarian	54%

## **ROR1 Expression Associated with More Aggressive Tumors**

 ROR1 expression associated with higher risk of breast cancer relapse



 ROR1 expression associated with shorter OS in patients with lung adenocarcinoma



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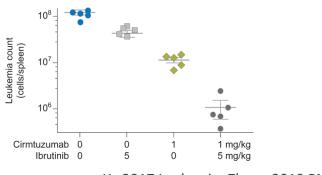
## **Cirmtuzumab Demonstrated Promising Preclinical Data in Multiple Tumor Models**



- Discovered by Professor Thomas Kipps (UC San Diego)
- High affinity anti-ROR1 humanized monoclonal antibody
  - Observed t<sub>½</sub> ~30 days supports monthly dosing
- Binds important inhibitory epitope blocking Wnt5a interaction
- No binding to normal adult tissues in GLP tissue crossreactivity studies

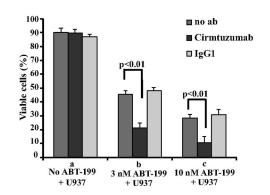
#### **Synergism with Targeted Agents**

- Synergistic with ibrutinib in CLL + MCL
  - ROR1-Wnt5a pathway not inhibited by ibrutinib



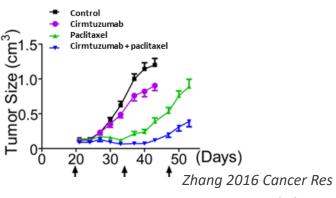
Yu 2017 Leukemia; Zhang 2019 PNAS

Synergistic with venetoclax (ABT-199)

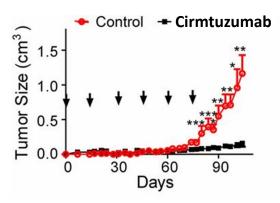


## Supporting Preclinical Data in Solid Tumors

 Synergistic with paclitaxel in TNBC PDX xenograft model



 Anti-tumor activity in PDX models of ovarian cancer



Rassenti 2017 PNAS

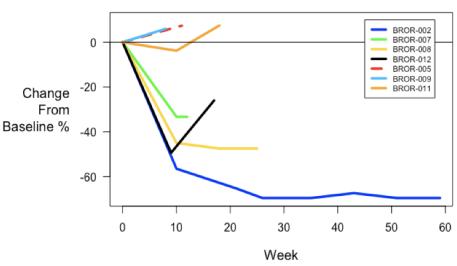
## HER2-negative Breast Cancer: Interim Phase 1 Data Cirmtuzumab + Paclitaxel Presented at SABCS 2019: ORR 57%



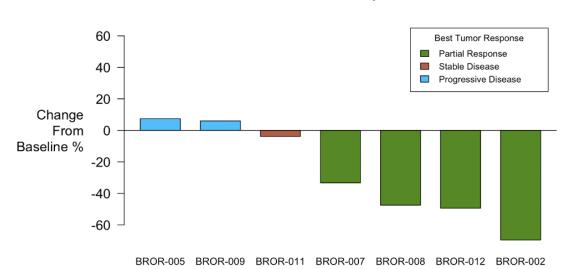
### % Tumor Volume Reduction by Week of Therapy

## Best Tumor Volume Response by Patient ORR = 57% (4/7)

#### Tumor Response by Week of Treatment



#### **Best Tumor Response**



#### Historical reported weekly paclitaxel ORR ~30%(1)

(1) Weekly paclitaxel ORR: 21% - Miller 2007 NEJM, 32-42% - Seidman 2008 JCO, 32% - Kim 2017 Lancet Oncol, 29% - Schmid 2019 JCO. Disclaimer: Results not based on head-to-head clinical studies. The results from historical trials not directly comparable and do not imply a clinical benefit of cirmtuzumab + paclitaxel over paclitaxel alone.

### HER2-negative breast cancer

### SABCS 2019 presentation of interim data

- Investigator sponsored trial at UC San Diego, Barbara Parker & Rebecca Shatsky
- Patients with HER2 negative, metastatic or locally-advanced unresectable breast cancer
- 600 mg cirmtuzumab monthly + 80 mg/m² paclitaxel weekly
- No DLTs or discontinuations
- Adverse events consistent with paclitaxel profile
- PK consistent with half-life of 30 days

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Shatsky 2019 SABCS (data cutoff November 27, 2019)

### **Cirmtuzumab – Data Anticipated in 2020**



Phase 1b additional data in MCL
 Mid-2020

- Follow-up for 12 patients in Part 1

Phase 1/2 additional data in CLL
 Mid-2020

- 12-month follow-up for 34 patients in Parts 1&2

Phase 1b additional data in HER2-negative breast cancer
 2H 2020

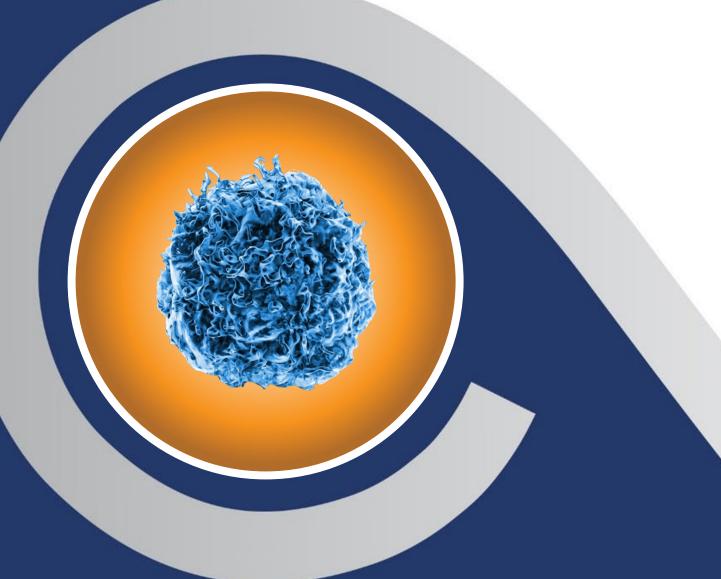
Phase 1b cirmtuzumab + venetoclax in CLL
 2H 2020

- Initial data

IND-enabling data in additional indications
 Mid-2020

- Targeting NSCLC, prostate, ovarian cancer





**CAR-T Program** 

Targeting ROR1

#### **CAR-T Targeting ROR1 Designed to Avoid Two Common CAR-T Challenges**



#### **Unmet Need: Emerging CAR-T Issues**

#### **Treatment failures**

 Increasing number of patient relapses following CAR-T therapy, frequently due to mutations or loss of the target antigen tumor (e.g. CD19), evading CAR-T efficacy



 Persistent CAR-T safety issues including deaths potentially related to activation by normal cells expressing the target antigen



#### Advantages to Targeting ROR1

#### Potential for fewer antigen negative relapses

- ROR1 expression associated with aggressive tumor phenotype
- ROR1 mutation or antigen loss might render cancer cells less aggressive and susceptible to chemotherapy

#### **Potential safety advantages**

- Cirmtuzumab did not bind to normal human tissues in GLP tissue cross-reactivity studies
- No serious adverse events related to cirmtuzumab-only reported in clinical studies

### **ROR1 CAR-T: Program Overview**

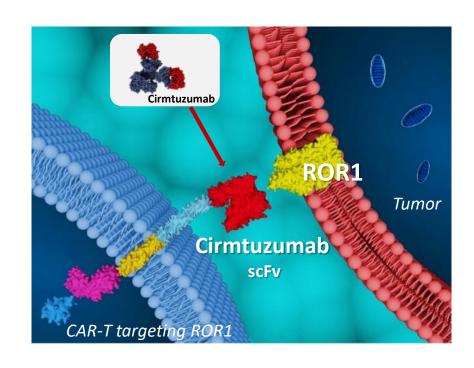


#### **DEVELOPMENT STATUS**

- Preclinical data in hematologic and solid tumor models
- Utilizing cirmtuzumab scFv as targeting component
- Ongoing process optimization and scale-up
- UCSD collaboration with non-dilutive financing from California Institute for Regenerative Medicine (CIRM)
- Shanghai Pharma collaboration, which covers certain manufacturing and clinical development costs

#### **OPPORTUNITY**

- Selective targeting strategy applicable to multiple tumors with ROR1 expression
- Target initial human proof-of-concept in hematological cancers, then expansion into solid tumors







# BUSINESS & FINANCIALS

### **Financial Information**



Ticker	ONCT (Nasdaq)	
Cash & Cash Equivalents @ 9-30-19	\$23.1M	
Cash Runway through 2Q 2020		
Debt	\$0	
Capitalization:		
Common Shares Outstanding	15.4M	
Options	2.5M	
Warrants	0.8M	
Fully Diluted	18.7M	
Non-Dilutive Support		
<ul> <li>CIRM Grant for CIRLL Study</li> </ul>	~\$14M	
Ibrutinib CTM for CIRLL Study	Expanded Supply Agreement	

### **Anticipated Pipeline Milestones in 2020**

ROR1 CAR-T first-in-human dosing in China



4Q 2020

#### • TK216

<ul> <li>Phase 1b in Ewing sarcoma: expansion cohort data</li> </ul>	2H 2020
<ul> <li>Expect 5-10 additional patients enrolled by mid-2020</li> <li>IND-enabling data in additional ETS-driven tumors</li> </ul>	2H 2020
Cirmtuzumab	
<ul> <li>Phase 1b additional data in MCL</li> </ul>	Mid-2020
<ul> <li>Follow-up for 12 patients in Part 1</li> <li>Phase 1/2 additional data in CLL</li> </ul>	Mid-2020
• 12-month follow-up for 34 patients in Parts 1&2	11110 2020
<ul> <li>Phase 1b additional data in HER2-negative breast cancer</li> </ul>	2H 2020
<ul> <li>Phase 1b cirmtuzumab + venetoclax in CLL</li> <li>Initial data</li> </ul>	2H 2020
<ul> <li>IND-enabling data in additional indications</li> </ul>	Mid-2020

### **Experienced Team**





James Breitmeyer, MD, PhD CEO, Founder, Director



**Capence** 

GensiaSicor

HARVARD CLINICAL RESEARCH INSTITUTE





**Richard Vincent CFO** 







Igor Bilinsky, PhD CBO



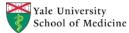




Frank Hsu, MD СМО









**Gunnar Kaufmann, PhD** 







Hazel Aker General Counsel





Charles Theuer, MD, PhD

Director



Raj Krishnan PhD SVP, Manufacturing









**David Hale** 







Michael Carter, MD, Ch.B., F.R.C.P. Director







Daniel Kisner, MD Director









**Bill LaRue** Director





Xin Nakanishi, PhD Director











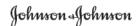




Robert Wills, PhD Director









CancerVax

## **Corporate Highlights**



#### THREE NOVEL ONCOLOGY PRODUCT CANDIDATES IN DEVELOPMENT

#### TK216: TARGETED ETS INHIBITOR

- Deep and sustained response observed in Ewing sarcoma Phase 1 clinical trial
- Additional opportunities in other cancers with ETS alterations

#### CIRMTUZUMAB: ROR1 INHIBITORY MONOCLONAL ANTIBODY

- Sustained responses in MCL and CLL in Phase 1/2 clinical trial and TNBC in Phase 1b clinical trial
- Additional opportunities in other ROR1 expressing cancers

#### ROR1 CAR-T: PRECLINICAL DEVELOPMENT WITH CIRM AND SHANGHAI PHARMA

Potential to improve on CAR-T efficacy and safety

#### MULTIPLE DATA CATALYSTS EXPECTED IN 2020

- Clinical data updates expected in Ewing sarcoma, MCL, CLL and breast cancer
- ROR1 CAR-T expected to reach clinic in 4Q 2020 in China

#### EXPERIENCED MANAGEMENT AND BOARD OF DIRECTORS