

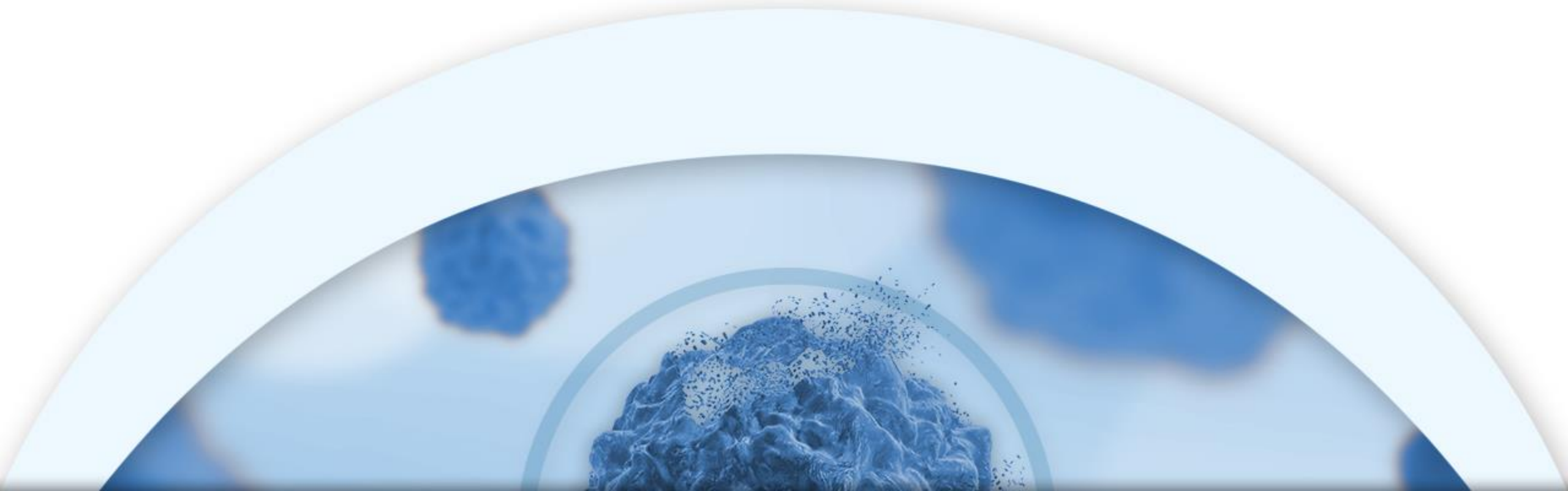


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## Corporate Presentation

*NASDAQ: CRIS*

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# Cautionary Note Regarding Forward Looking Statements

This presentation contains certain forward-looking statements about Curis, Inc. (“we,” “us,” or the “Company”) within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. Words such as “expect(s),” “believe(s),” “will,” “may,” “anticipate(s),” “focus(es),” “plans,” “mission,” “strategy,” “potential,” “estimate(s),” “intend,” “project,” “seek,” “should,” “would” and similar expressions are intended to identify forward-looking statements. Forward-looking statements are statements that are not historical facts, reflect management’s expectations as of the date of this presentation, and involve important risks and uncertainties. Forward-looking statements herein include, but are not limited to, statements with respect to the timing and results of future clinical and pre-clinical milestones; the timing of future preclinical studies and clinical trials and results of these studies and trials; the clinical and therapeutic potential of our drug candidates; and management’s ability to successfully achieve its goals. These forward-looking statements are based on our current expectations and may differ materially from actual results due to a variety of important factors including, without limitation, risks relating to: whether and when the U.S. Food and Drug Administration may remove the partial clinical hold on the Phase 1/2 TakeAim Leukemia trial or the partial clinical hold on the Phase 1/2 TakeAim Lymphoma trial, or may take further regulatory action with regard to such trials, whether any of our drug candidates will advance further in the clinical development process and whether and when, if at all, they will receive approval from the FDA or equivalent foreign regulatory agencies; whether historical preclinical results will be predictive of future clinical trial results; whether historical clinical trial results will be predictive of future trial results; whether any of our drug candidate discovery and development efforts will be successful; whether any of our drug candidates will be successfully marketed if approved; our ability to achieve the benefits contemplated by our collaboration agreements; management’s ability to successfully achieve its goals; the sufficiency of our cash resources; our ability to raise additional capital to fund our operations on terms acceptable to us or the use of proceeds of any offering of securities or other financing; general economic conditions; competition; and the other risk factors contained in our periodic and interim reports filed with the Securities and Exchange Commission which are available on the SEC website at [www.sec.gov](http://www.sec.gov). You are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events, except as required by law.

# Corporate Overview

## Summary

|                                |                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Investment Thesis</b>       | <p>Curis seeks to develop novel, first-in-class, cancer therapeutics that we believe have significant potential in areas of unmet patient need</p> <p><i>Cash and investments of approximately \$120.7M as of March 31, 2022; cash runway into 2024</i></p>                                                                        |
| <b>First-in-Class Pipeline</b> | <p>Emavusertib: first-in-class inhibitor of IRAK4 in oncology<br/><i>There are no drugs currently approved for IRAK4 inhibition in oncology</i></p> <p>CI-8993: first-in-class antagonist of VISTA<br/><i>There are no drugs currently approved for VISTA inhibition</i></p>                                                       |
| <b>Commercial Potential</b>    | <p>9 potential indications with emavusertib: 4 leukemia and 4 B-cell cancers<br/><i>in addition to low-risk MDS in LUCAS</i></p>                                                                                                                                                                                                   |
| <b>Upcoming Milestones</b>     | <p>1H 2022: Report initial data for emavusertib in combination with ibrutinib in NHL</p> <p>2H 2022: Report updated data for emavusertib in AML/MDS monotherapy</p> <p>2H 2022: Report initial efficacy data for CI-8993 (VISTA)</p> <p>2H 2022: Report initial data for emavusertib in combination with aza or ven in AML/MDS</p> |

# Pipeline

*Curis develops novel, first-in-class cancer drugs*

|                              |                                      | PRE-CLINICAL                  | CLINICAL |                   |                   |         | MARKETED                                                                                                                       |
|------------------------------|--------------------------------------|-------------------------------|----------|-------------------|-------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|
|                              | Indication                           | Proof of Principle            | Safety   | Dose Optimization | Clinical Activity | Pivotal | Commercial                                                                                                                     |
| Heme Malignancies            |                                      |                               |          |                   |                   |         |                                                                                                                                |
| Emavusertib*<br>IRAK4        | IRAK4-driven Leukemia (AML/MDS)      | TakeAim Leukemia <sup>1</sup> |          |                   |                   |         | <ul style="list-style-type: none"><li>• Positioning</li><li>• Attraction</li><li>• Clearing</li><li>• Multiplication</li></ul> |
| Emavusertib*<br>IRAK4        | IRAK4-driven Lymphoma (NHL, CLL, WM) | TakeAim Lymphoma <sup>1</sup> |          |                   |                   |         |                                                                                                                                |
| Fimepinostat<br>HDAC/PI3K    | MYC-altered Cancers                  |                               |          |                   |                   |         |                                                                                                                                |
| Immune Checkpoint Inhibitors |                                      |                               |          |                   |                   |         |                                                                                                                                |
| CI-8993**<br>VISTA           | VISTA-expressing Cancers             |                               |          |                   |                   |         | <ul style="list-style-type: none"><li>• Novelty</li><li>• Initial</li><li>• Early</li><li>• Ongoing</li></ul>                  |
| CA-327*<br>PDL1/TIM3         | PDL1/TIM3-expressing Cancers         |                               |          |                   |                   |         |                                                                                                                                |
| CA-170*<br>PDL1/VISTA        | PDL1/VISTA-expressing Cancers        |                               |          |                   |                   |         |                                                                                                                                |
| Solid Tumors                 |                                      |                               |          |                   |                   |         |                                                                                                                                |
| Erivedge***<br>Hedgehog      | Basal Cell Carcinoma                 |                               |          |                   |                   |         |                                                                                                                                |

**Two programs are the focus of this presentation**

## IRAK4 (emavusertib, CA-4948)

- Positioned to become the cornerstone agent in heme malignancies
- Attractive PK/PD exposure correlating with 98% target inhibition
- Clear monotherapy activity with consistent marrow blast reduction and complete responses
- Multiple clinical paths in targeted and broader B cell populations

## VISTA (CI-8993)

- Novel immune checkpoint with unique role in T cell activation
- Initial safety data appear to demonstrate that expected immune effects (CRS) can be managed
- Early PK/PD data show that anti-cancer mechanisms are being activated
- Ongoing dose escalation study to establish safety, activity, and recommended phase 2 dose

1) In April 2022 U.S. Food and Drug Administration placed both TakeAim studies (Leukemia and Lymphoma) on partial clinical hold during which no new patients will be enrolled in the studies, and current study participants benefiting from treatment may continue to be treated with emavusertib at doses of 300mg BID or lower.



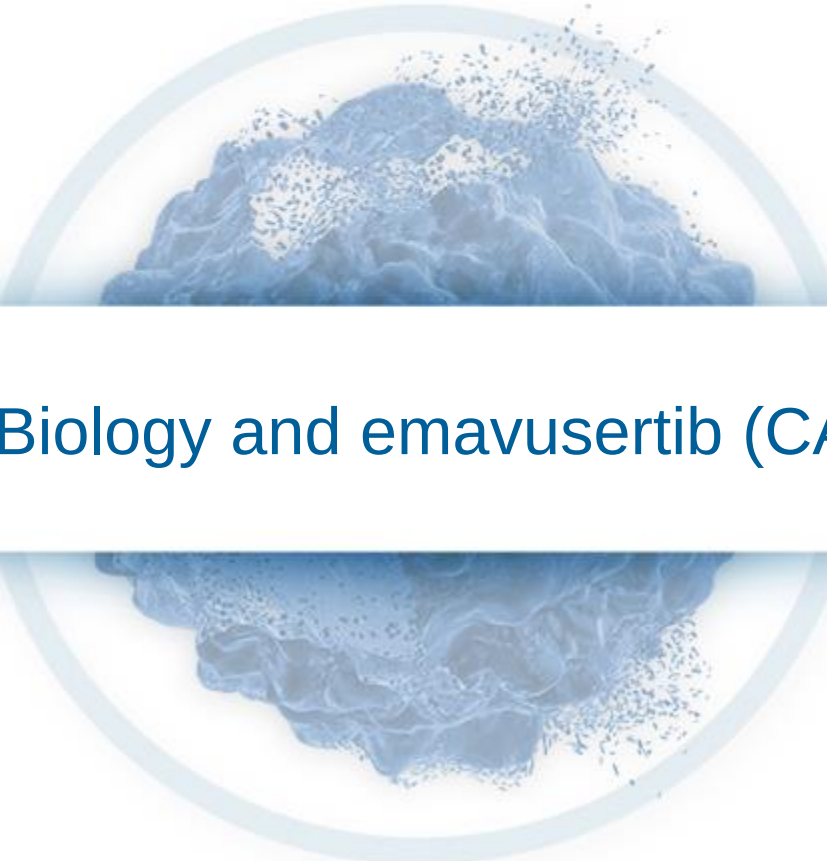
\* IP licensed from Aurigene



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\*\*\* IP licensed to Genentech (Curis receives royalty income)

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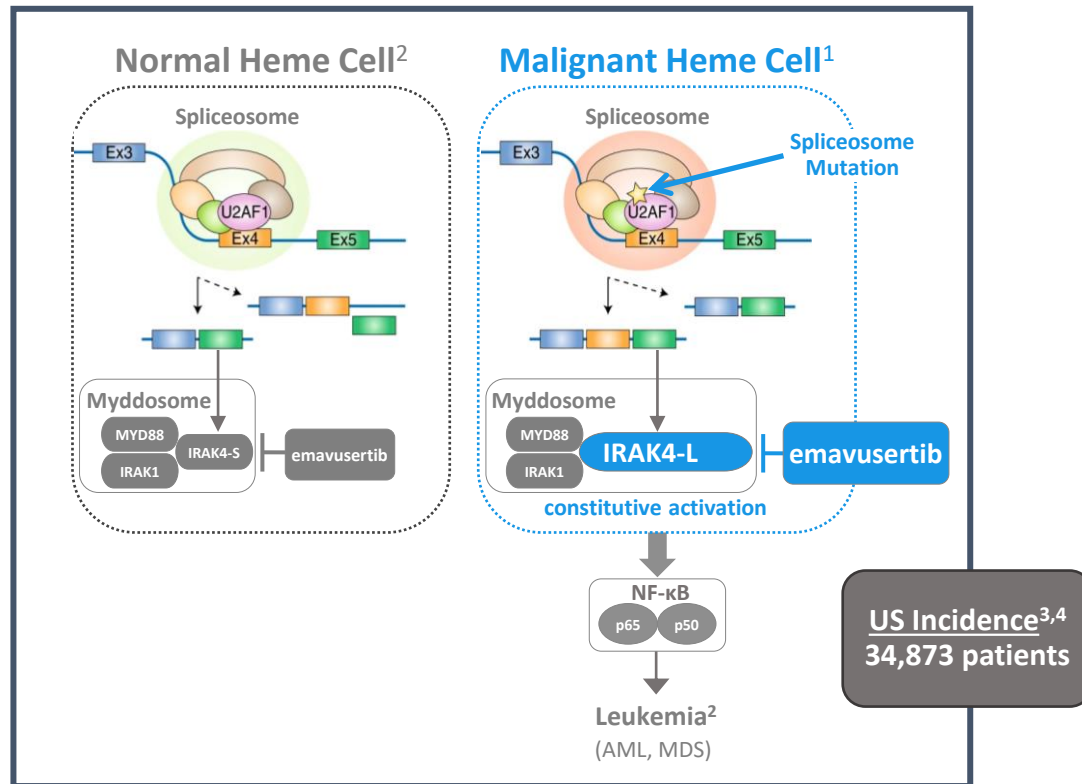
## IRAK4 Biology and emavusertib (CA-4948)

# IRAK4 Biology and Emavusertib

*IRAK4 is a novel and important target across multiple heme malignancies*

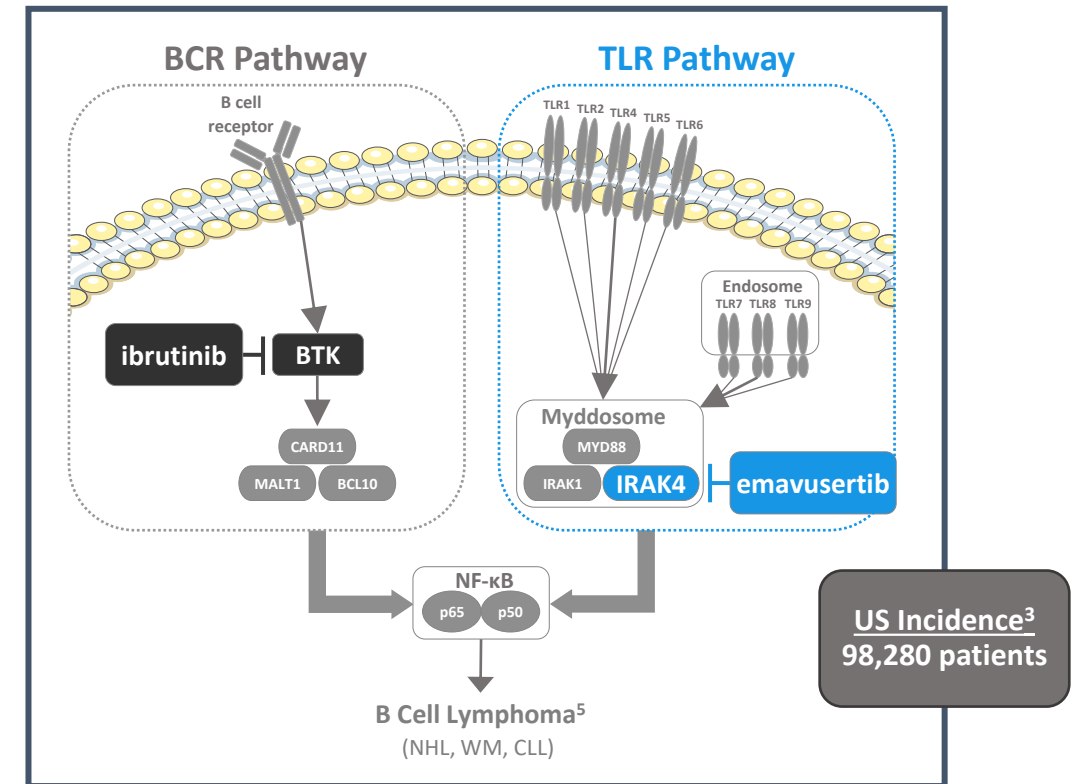
## IRAK4 in AML/MDS

*Spliceosome mutation drives overexpression of IRAK4-L (which causes constitutive activation of the myddosome)*



## IRAK4 in B Cell Cancers

*TLR Pathway is dependent upon IRAK4 for function (the 2<sup>nd</sup> pathway driving NF-κB overactivity)*



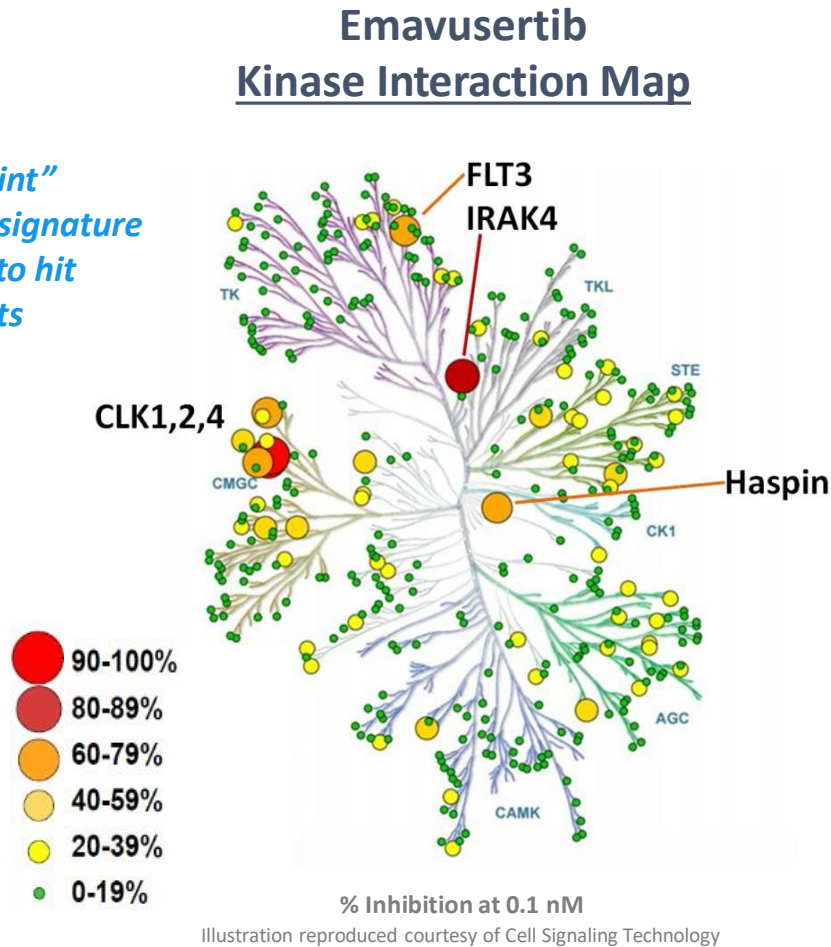
1) Guillaumot et al. Nat Cell Biol 2019; 2) Smith et al. Nat Cell Biol 2019; 3) American Cancer Society, Cancer Facts & Figures 2020; 4) Leukemia & Lymphoma Society, Facts and Statistics Overview; 5) IMBRUVICA Package Insert. Rev 08/2018

Emavusertib is the Leading IRAK4 Inhibitor in Development for Cancer

CURIS

Targeted design offers added potential benefit of also hitting FLT3

Emavusertib “fingerprint” illustrates unique molecular signature specifically engineered to hit key oncogenic targets



| Emavusertib Binding Affinity |                   |
|------------------------------|-------------------|
| Target                       | K <sub>d</sub> nM |
| IRAK1                        | 12,000            |
| IRAK2                        | >20,000           |
| IRAK3                        | 8,500             |
| IRAK4                        | 23                |
| DYRK1A                       | 25                |
| FLT3 wt                      | 31                |
| FLT3 (D835H)                 | 5                 |
| FLT3 (D835V)                 | 44                |
| FLT3 (D835Y)                 | 3                 |
| FLT3 (ITD)                   | 8                 |
| FLT3 (K663Q)                 | 47                |
| FLT3 (N841I)                 | 16                |
| Haspin (GSG2)                | 32                |
| CLK1                         | 10                |
| CLK2                         | 20                |
| CLK3                         | >20,000           |
| CLK4                         | 14                |
| TrkA                         | 130               |

DiscoverX Kinase Panel  
(378 kinases screened)

Emavusertib binds specifically and with high affinity to IRAK4

Dual targeting of IRAK4 and FLT3 confers a potential efficacy advantage vs. other IRAK4 inhibitors and expands potential to additional genetic populations

In Nov 2020, the NCI selected emavusertib, Curis’s first-in-class IRAK4 inhibitor, and entered into an agreement (“CRADA”) with Curis to conduct both clinical and non-clinical studies of emavusertib in oncology

Attractive PK profile supports BID dosing and high target suppression

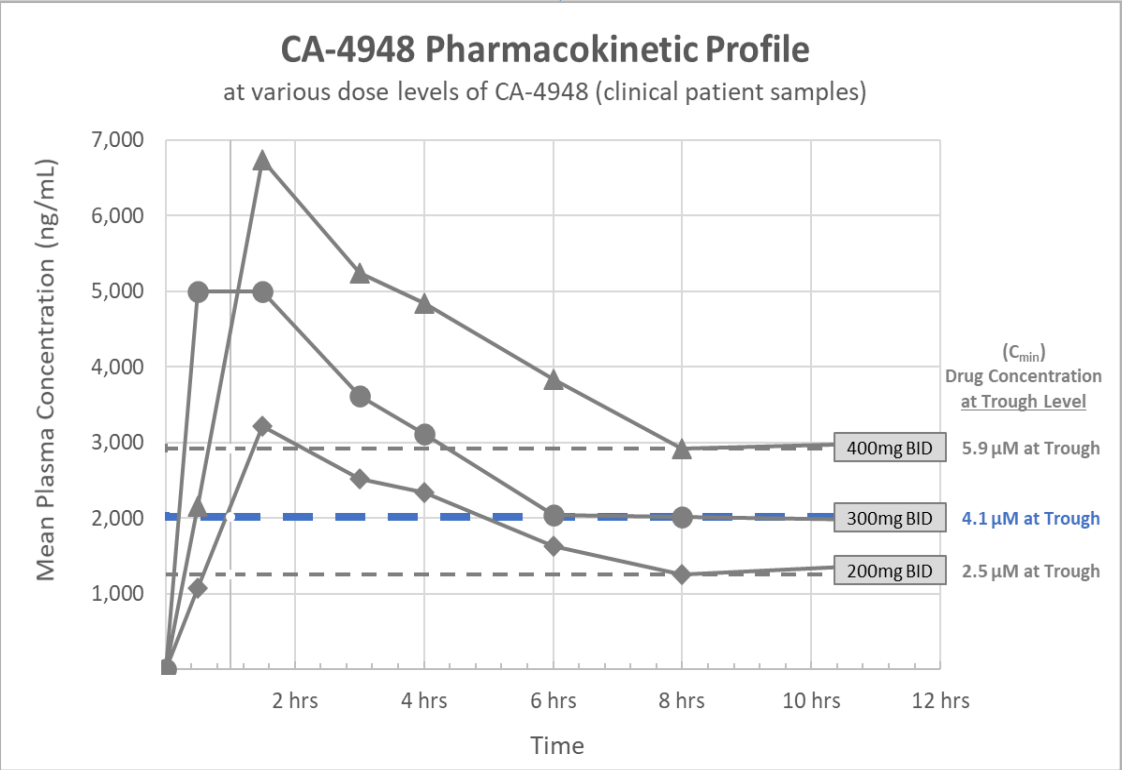
## Attractive PK Profile

- Half-life of ~6 hours
- Supports BID dosing regimen

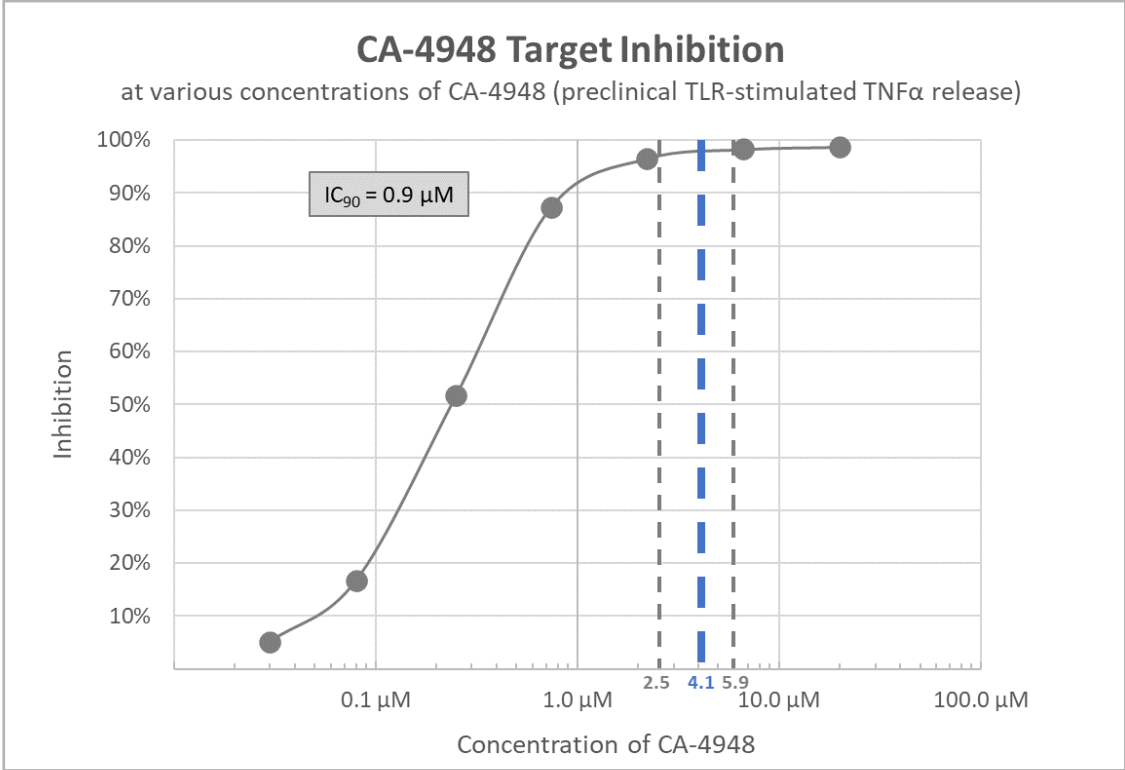
| Trough Exposure | Dose  | Inhibition |
|-----------------|-------|------------|
| 2.5µM           | 200mg | 97%        |
| 4.1µM           | 300mg | 98%        |
| 5.9µM           | 400mg | 98%        |

## High Target Suppression

- Exposure at RP2D correlates with 98% inhibition



Data from TakeAim lymphoma clinical study

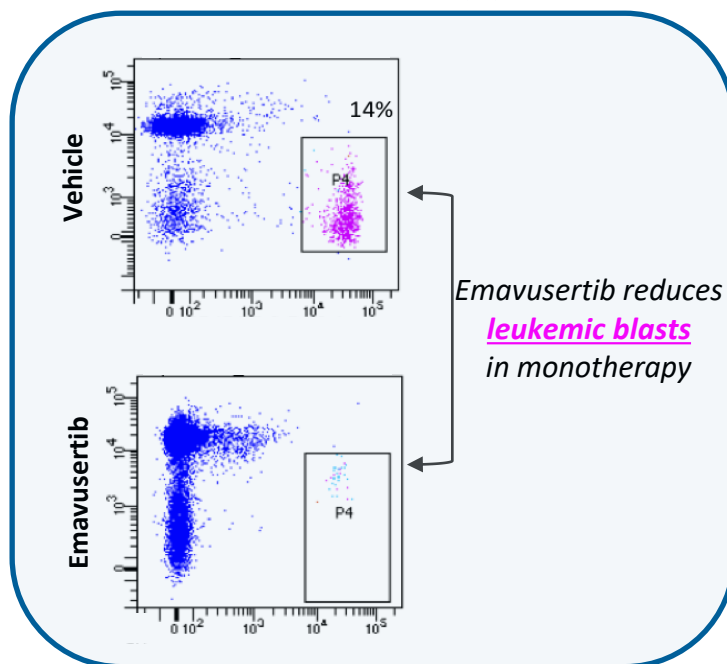


Data from preclinical study of target inhibition

# Emavusertib (CA-4948) Preclinical Data

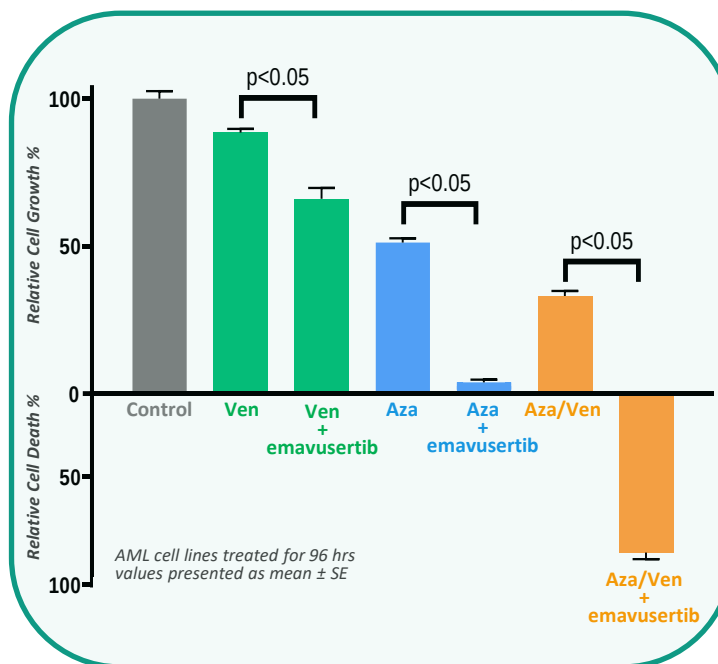
*Clear anti-cancer activity suggests broad potential across heme malignancies*

## AML/MDS Monotherapy



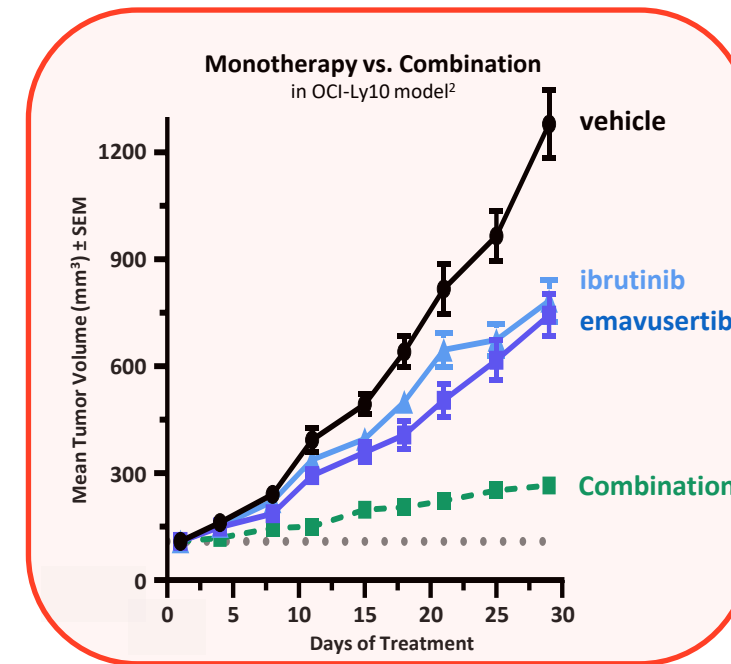
*Emavusertib demonstrates monotherapy activity in patient-derived xenografts<sup>1</sup>*

## AML/MDS Combination Therapy



*Emavusertib demonstrates synergy with both azacitidine and venetoclax in THP-1 model<sup>2</sup>*

## B Cell Cancers Combination Therapy



*Emavusertib demonstrates synergy with Ibrutinib in OCI-Ly10 model<sup>3</sup>*

# Emavusertib Clinical Plan

*Ongoing clinical studies in AML/MDS and B cell cancers*

## AML/MDS Monotherapy

*(relapsed/refractory)*

### Patients with Targeted Mutation

- Patients with spliceosome mutation
- Patients with FLT3 mutation

**Supports rapid regulatory path**

- *Spliceosome mutation is a leading cause of IRAK4-L overexpression<sup>1</sup>*
- *Signaling through IRAK4 is an adaptive response mechanism for FLT3 patients treated with a FLT3 inhibitor<sup>2</sup>*

## AML/MDS Combination Therapy

*(relapsed/refractory)*

### Patients without Targeted Mutation

- HMA-naïve, emavusertib + HMA
- Venetoclax naïve, emavusertib + venetoclax

**Supports use in broad population**

- *Clinical data show emavusertib reduces tumor burden in the significant majority of evaluable patients*
- *Preclinical data demonstrate synergy with azacitidine and venetoclax*

## B Cell Cancers Combination Therapy

*(relapsed/refractory)*

### Patients with IRAK4 Pathway activation

- BTKi-naïve, Marginal Zone Lymphoma
- BTKi-naïve, Primary CNS Lymphoma
- BTKi-naïve, ABC-DLBCL
- Patients (any tumor type) who have relapsed after adaptive resistance to ibrutinib

**Maximizes speed and probability of success**

- *Marginal Zone Lymphoma, Primary CNS Lymphoma, and ABC-DLBCL are aggressive indications associated with TLR/IRAK4 Pathway activity*
- *If patients who relapsed on ibrutinib can get clinical response with combination, it is likely impact of adding emavusertib*

1) Smith et al. Nat Cell Biol 2019; 2) Rabik et al. Ann Transl Med 2020

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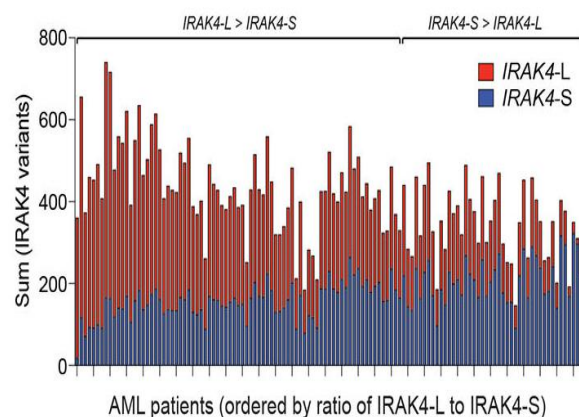
Emavusertib in AML/MDS

## *Clinical studies designed to leverage the role of IRAK4/FLT3 in AML/MDS*

| <u>Disease Driver</u> | <u>% of Patient Population</u> |
|-----------------------|--------------------------------|
| IRAK4-L               | > 50% <sup>1</sup>             |
| FLT3                  | 25-30% <sup>2</sup>            |
| TET2                  | 10-20% <sup>3</sup>            |
| IDH2                  | 9-13% <sup>4</sup>             |
| IDH1                  | 6-10% <sup>4</sup>             |
| CEBPA                 | ~10% <sup>3</sup>              |

### Rationale for Monotherapy

- IRAK4 / FLT3 is the largest targeted market in AML/MDS<sup>1,2</sup>
- Spliceosome mutation is a leading cause of IRAK4-L overexpression<sup>1</sup>
- IRAK4 signaling is an adaptive response mechanism for FLT3 patients treated with a FLT3 inhibitor<sup>5</sup>

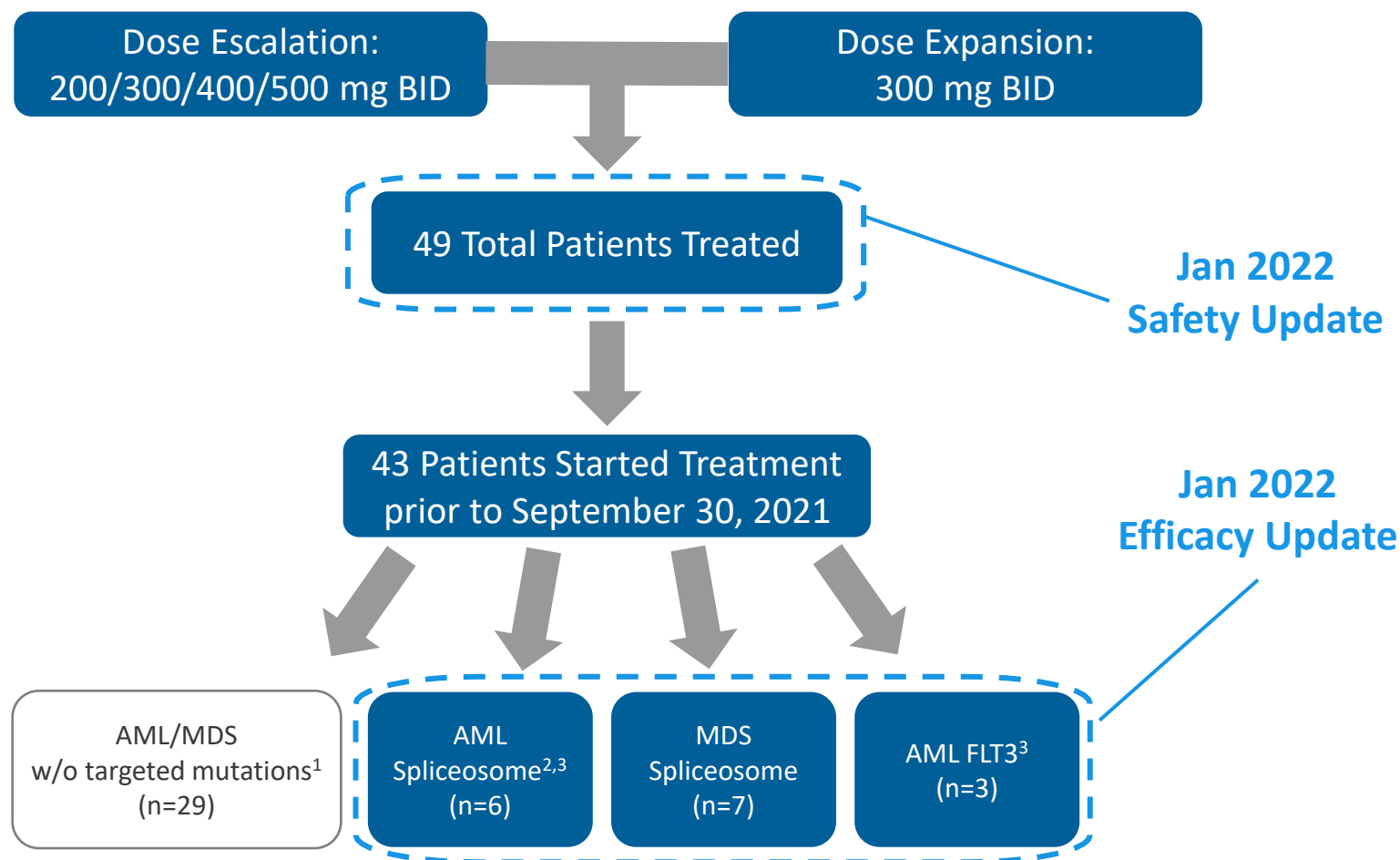


### Rationale for Combination

- Nearly all patients express some level of IRAK4-L<sup>1</sup>
- Clinical data show emavusertib reduces tumor burden in the significant majority of evaluable patients
- Preclinical data demonstrate clear synergy with azacitidine and venetoclax
  - IRAK4 stimulates NF-κB and ultimately an array of anti-apoptotic factors (beyond BCL2), which prevent the effectiveness of anti-leukemic drugs
  - Blocking this effect with emavusertib synergistically enhances the anti-cancer efficacy of those agents in preclinical models

# Emavusertib in AML and MDS

*TakeAim Leukemia Trial - Open-label, single arm, Phase 1/2 dose escalation and expansion study*



## Study Objectives

- 1°: Determine maximum tolerated dose  
Determine recommended Phase 2 dose
- 2°: Pharmacokinetic (PK) profile  
Preliminary anti-cancer activity

## Study Population

- Relapsed/Refractory AML or high-risk MDS
- ECOG performance Status of  $\leq 2$
- Age  $\geq 18$  years

## Dosing

- Oral, Twice Daily (BID) Dosing
- 28-day cycles

Data extraction date: Dec 16, 2021

1) These are non-targeted patients, due to lack of Spliceosome or FLT3 mutation, this population will be addressed in the combination therapy study; 2) One patient was not response evaluable because of discontinuation due to patient decision;

3) Two AML patients have both a spliceosome and FLT3 mutation and are included in both populations (there are 13 total evaluable patients with Spliceosome or FLT3 mutation)

# Safety Profile for emavusertib

49 total patients with AML/MDS treated with emavusertib

## Recommended Phase 2 Dose

| Grade 3+ Treatment-Related Adverse Event                 | 200 mg BID<br>(N = 3) |        | 300 mg BID<br>(N = 26) |        | 400 mg BID<br>(N = 17) |        | 500 mg BID<br>(N = 3) |        |
|----------------------------------------------------------|-----------------------|--------|------------------------|--------|------------------------|--------|-----------------------|--------|
|                                                          | n (%)                 |        | n (%)                  |        | n (%)                  |        | n (%)                 |        |
| Number of patients having grade 3+ treatment-related AEs | 1                     | (33.3) | 6                      | (23.1) | 6                      | (35.3) | 2                     | (66.7) |
| Alanine aminotransferase increased                       | 1                     | (33.3) | 0                      |        | 0                      |        | 0                     |        |
| Blood creatine phosphokinase increased                   | 0                     |        | 1                      | (3.8)  | 0                      |        | 0                     |        |
| Dizziness                                                | 1                     | (33.3) | 0                      |        | 0                      |        | 0                     |        |
| Dyspnoea                                                 | 0                     |        | 0                      |        | 1                      | (5.9)  | 0                     |        |
| Enterobacter infection                                   | 0                     |        | 0                      |        | 1                      | (5.9)  | 0                     |        |
| Fatigue                                                  | 0                     |        | 0                      |        | 1                      | (5.9)  | 0                     |        |
| Gastrointestinal haemorrhage                             | 0                     |        | 1                      | (3.8)  | 0                      |        | 0                     |        |
| Hypophosphataemia                                        | 0                     |        | 1                      | (3.8)  | 0                      |        | 0                     |        |
| Hypotension                                              | 0                     |        | 1                      | (3.8)  | 0                      |        | 0                     |        |
| Lipase increased                                         | 0                     |        | 2                      | (7.7)  | 0                      |        | 0                     |        |
| Platelet count decreased                                 | 0                     |        | 1                      | (3.8)  | 0                      |        | 0                     |        |
| Presyncope                                               | 0                     |        | 0                      |        | 1                      | (5.9)  | 0                     |        |
| Rhabdomyolysis                                           | 0                     |        | 1                      | (3.8)  | 2                      | (11.8) | 1                     | (33.3) |
| Syncope                                                  | 0                     |        | 0                      |        | 0                      |        | 1                     | (33.3) |

*Well-tolerated and manageable AE profile at Recommended Phase 2 Dose*

Data extraction date: Dec 16, 2021.

1. Data for the two patients that have escalated from 300 mg BID to 400 mg BID were included in the 400 mg BID dose group.

No dose-limiting myelosuppression reported, which is a life-threatening problem characteristic of many cancer treatments, making emavusertib favorable for combinations

# Encouraging Clinical Activity in R/R AML/MDS Patient Populations

*Emavusertib shows activity as a monotherapy in patients with Spliceosome and FLT3 mutations*

| Best Response                                              | Efficacy         |
|------------------------------------------------------------|------------------|
| <b>Population #1: AML Spliceosome Patients<sup>1</sup></b> |                  |
| <b>CR/CRh Rate</b>                                         | <b>2/5 (40%)</b> |
| CR                                                         | 1/5 (20%)        |
| CRh                                                        | 1/5 (20%)        |
| <b>Population #2: MDS Spliceosome Patients</b>             |                  |
| <b>Objective Response Rate (ORR)</b>                       | <b>4/7 (57%)</b> |
| CR                                                         | 0/7 (0%)         |
| mCR                                                        | 4/7 (57%)        |
| <b>Population #3: AML FLT3 Patients<sup>1</sup></b>        |                  |
| <b>CR/CRh Rate</b>                                         | <b>1/3 (33%)</b> |
| CR                                                         | 1/3 (33%)        |
| CRh                                                        | 0/3 (0%)         |

*The CR and CRh patients  
are both MRD-negative*

*1 mCR patient went to  
Stem Cell Transplant (SCT)*

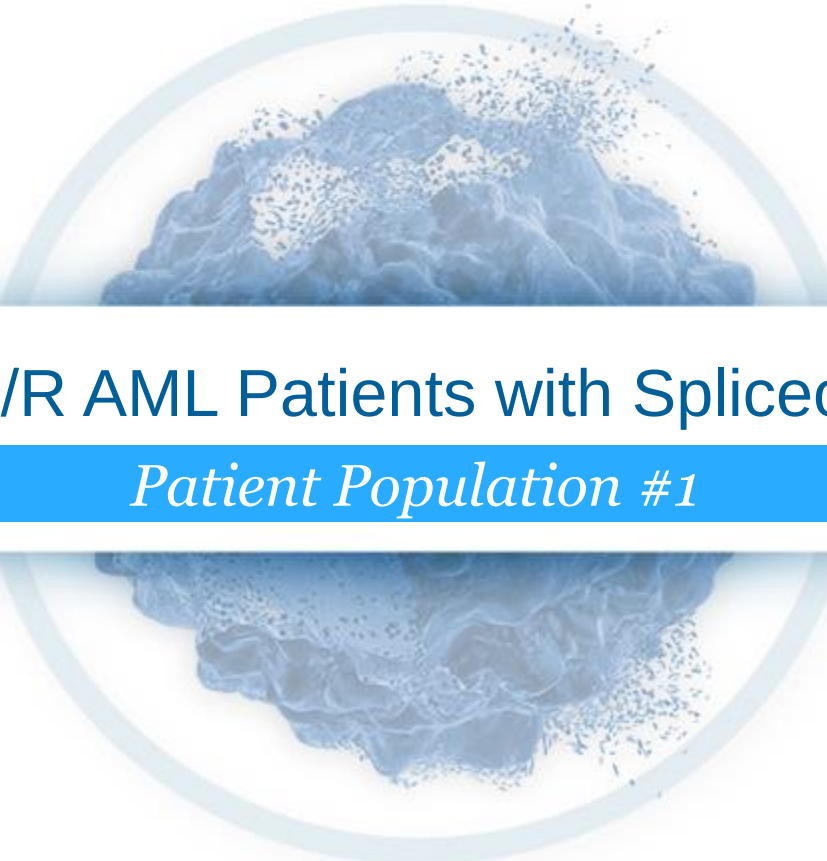
*FLT3 mutation eradicated  
in 2 out of 3 patients*

Data extraction date: Dec 16, 2021.

1) Two AML patients have both a spliceosome and FLT3 mutation and are included in both populations (there are 13 total evaluable patients with Spliceosome or FLT3 mutation).

Response criteria per 2017 ELN Criteria for AML and Modified IWG Criteria for MDS:

CR = Complete Remission  
CRh = CR with partial hematologic recovery  
mCR = marrow CR

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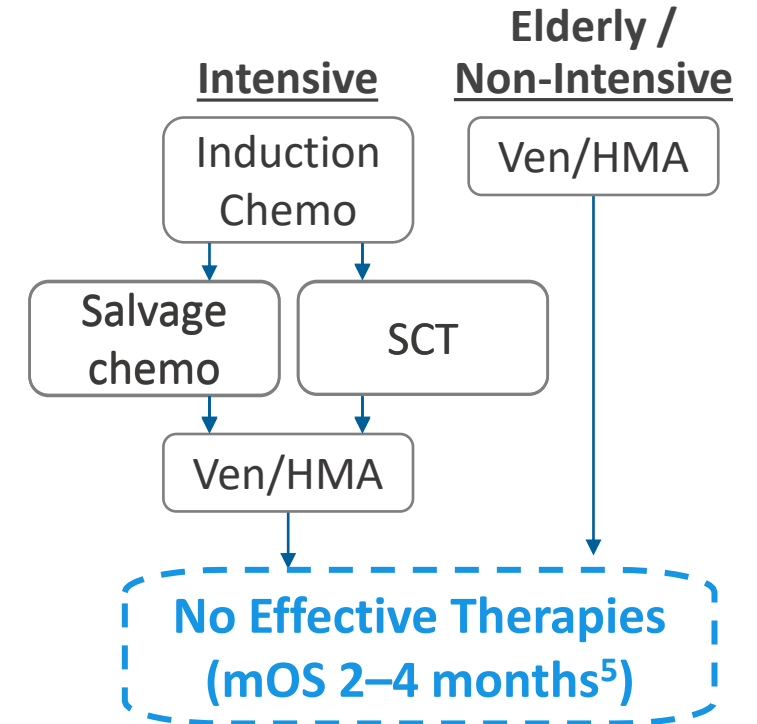
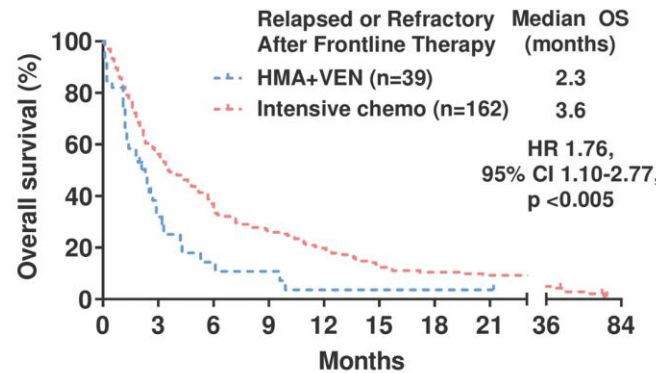
Clinical Data: R/R AML Patients with Spliceosome Mutation

*Patient Population #1*

# Unmet Need for R/R AML Patients with Spliceosome Mutation

*No approved targeted therapies and no unified standard of care for these patients*

- Spliceosome mutations occur in ~10% of AML patients<sup>1</sup>
  - These mutations create a chronic inflammatory marrow microenvironment<sup>2</sup>, which impairs hematologic recovery<sup>3</sup>
  - Ability to achieve CR is impaired in patients with U2AF1/SF3B1 mutation<sup>4</sup>
- There are no effective therapies for patients R/R to Ven/HMA
  - no unified standard of care



Opportunity to meaningfully improve outcomes in  
R/R AML patients with spliceosome mutations

AML  
Spliceosome  
Mutation

Potential to meaningfully improve outcomes in R/R AML patients with spliceosome mutation

Most Commonly Used Therapies in R/R AML Patients without FLT3 Mutation<sup>1</sup>

| Emavusertib                                                                                                                                             | Decitabine <sup>2,3</sup>                                                                                       | Azacitidine <sup>2,4</sup>                                                                                               | LoDAC <sup>5</sup>                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| IRAK4 Inhibitor                                                                                                                                         | HMA                                                                                                             | HMA                                                                                                                      | Chemotherapy                                                                                                                      |
| <ul style="list-style-type: none"><li>40% CR/CRh rate (2 of 5 patients)</li><li>No dose-limiting myelosuppression</li><li>Oral Administration</li></ul> | <ul style="list-style-type: none"><li>~16% CR rate</li><li>Myelosuppressive</li><li>IV Administration</li></ul> | <ul style="list-style-type: none"><li>17% CR/CRi rate</li><li>Myelosuppressive</li><li>IV or SC Administration</li></ul> | <ul style="list-style-type: none"><li>~13% ORR</li><li>Myelosuppressive and Black Box Warning</li><li>IV Administration</li></ul> |

patients achieving CR/CRh have remained on emavusertib >6 months

- Spliceosome mutations occur in ~10% of AML patients<sup>6</sup>
- There are no effective therapies for patients who are R/R to Ven/HMA
- mOS 2-4 months<sup>7</sup>

1) Source: CancerMPact Treatment Architecture U.S. AML, Cerner Enviza, www.cancermpact.com, accessed January 3, 2022. Patients with wild type FLT3 and IDH. Excludes Investigational Therapies and anti-CD33; 2) Product Package Insert; 3. Ritchie et al, Leuk Lymphoma 2013; 4) Itzykson et al, Leuk Res 2014; 5) Frikha et al, Bulletin du Cancer 1996; 6) DiNardo et al, Hematology Am Soc 2016; 7) Maiti et al. Haemtologica 2021

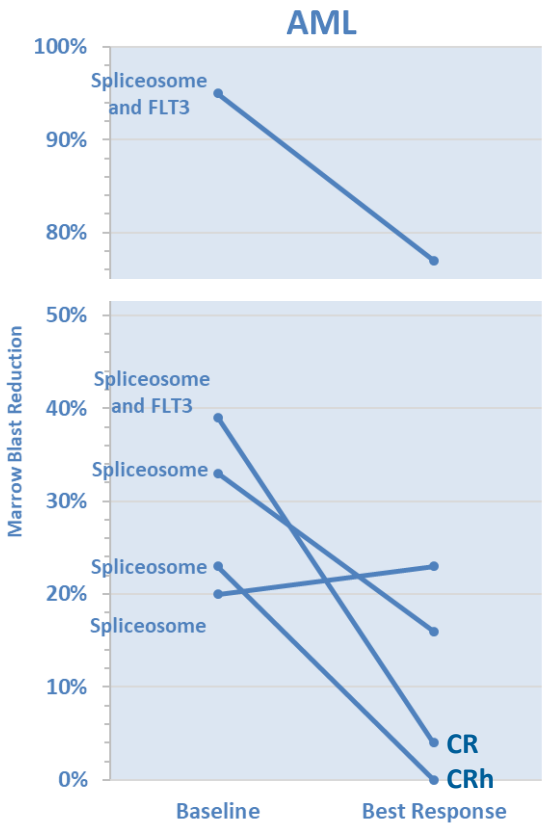
Initial emavusertib data compare favorably vs. historical responses with  
mainstay treatments for R/R AML patients with wild type FLT3/IDH

AML  
Spliceosome  
Mutation

# Encouraging Clinical Activity in R/R AML Patients with Spliceosome Mutation



Achieved 40% CR/CRh rate, with treatment duration >6 months to date in responding patients

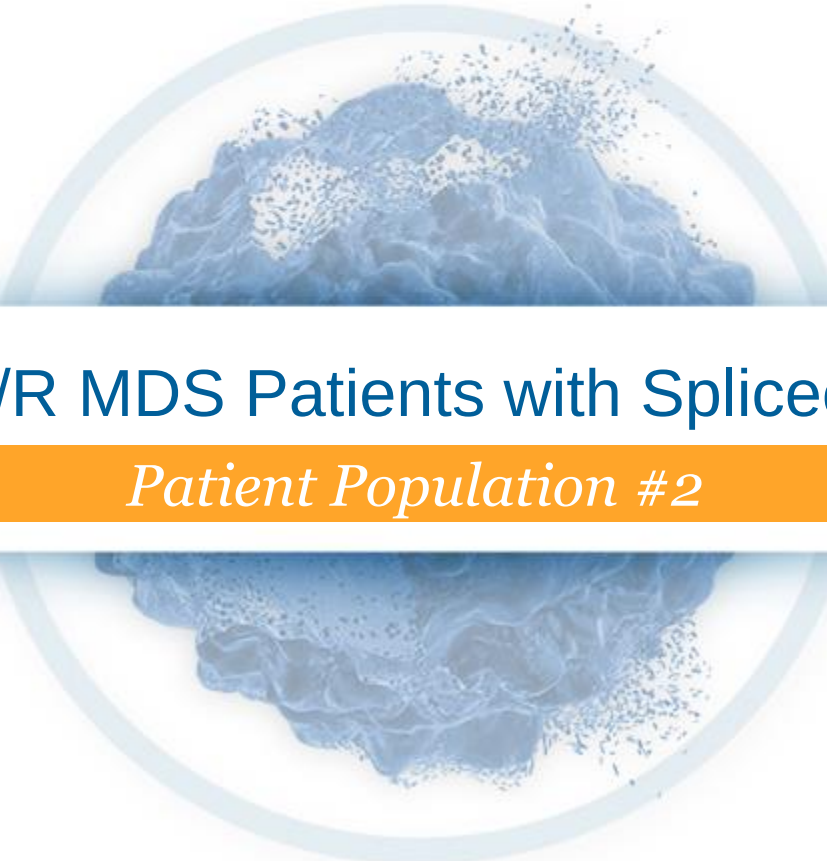


| Dx   | Dose (BID) | Risk Category (ELN) | Baseline Molecular Mutations                               | Prior Therapies |                                                                                                       | Duration on emavusertib (mos) | Blasts Baseline | Blasts Best Response <sup>1</sup> | % Change    |
|------|------------|---------------------|------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|-----------------------------------|-------------|
|      |            |                     |                                                            | # Lines         | Therapy                                                                                               |                               |                 |                                   |             |
| sAML | 300 mg     | Intermediate        | RUNX1, WT1, SF3B1                                          | 1               | decitabine                                                                                            | 7                             | 23              | 0                                 | -100% (CRh) |
| sAML | 300 mg     | Intermediate        | U2AF1, FLT3, BCOR, WT1                                     | 1               | decitabine/venetoclax                                                                                 | 6+                            | 39              | 4                                 | -90% (CR)   |
| AML  | 300 mg     | Intermediate        | U2AF1, NRAS                                                | 4               | cytarabine/idarubicin, decitabine/venetoclax, fludarabine/cyclophosphamide /methotrexate, azacitidine | 2.5                           | 33              | 16                                | -52%        |
| AML  | 300 mg     | Adverse             | FLT3, SF3B1, NRAS, PTPN11, RAD21, RUNX1, TET2, GATA, STAT3 | 4               | cytarabine/daunorubicin, decitabine, decitabine/venetoclax, gilteritinib                              | 2.6                           | 95              | 77                                | -19%        |
| sAML | 400 mg     | Adverse             | SF3B1, DNMT3A, P53                                         | 1               | azacitidine/venetoclax                                                                                | 2                             | 20              | 23                                | 15%         |

Data extraction date: Dec 16, 2021; “+” in Duration of Treatment indicates the patient remains on treatment as of the date of data extraction.  
1) Two AML patients have both a spliceosome and FLT3 mutation and are included in both populations (there are 13 total evaluable patients with Spliceosome or FLT3 mutation).

Emavusertib achieved CR/CRh responses, despite transformed AML being historically highly resistant to treatment

AML  
Spliceosome  
Mutation

A large, circular, light-blue microscopic image of a cell cluster is centered in the background. The cluster has a textured, irregular surface with many small, dark blue dots scattered across it. A horizontal white bar with an orange border is superimposed over the center of the image, containing the text "Clinical Data: R/R MDS Patients with Spliceosome Mutation" and "Patient Population #2".

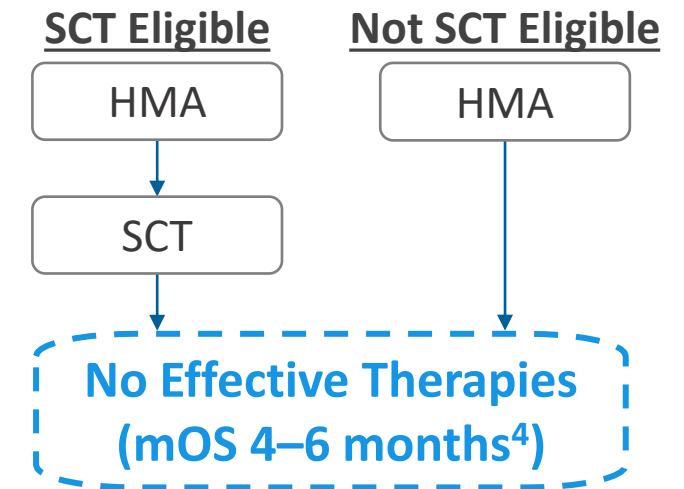
Clinical Data: R/R MDS Patients with Spliceosome Mutation

*Patient Population #2*

# Spliceosome Mutations Common in MDS

*Large unmet need for R/R MDS patients with spliceosome mutation*

- Spliceosome mutations (U2AF1/SF3B1) are the most prominent mutations in MDS, accounting for ~30% of all MDS patients<sup>1</sup>
  - These mutations create a chronic inflammatory marrow microenvironment<sup>2</sup>, which impairs hematologic recovery<sup>3</sup>
- There are no effective therapies for patients R/R to HMA: chemotherapy is standard of care



Current standard of care offers limited therapeutic benefit to patients

MDS  
Spliceosome  
Mutation

1) Ochi Cancers 2021.; 2) Smith et al. Nat Cell Biol 2019.; 3) Trowbridge JEM 2021. Ochi Cancers 2021.; 4) Jabbour et al Cancer 2010; Prebet et al., JCO 2011; Duong et al, Clin Lymphoma Myeloma Leuk, 2013.

# Clear Unmet Need in Relapsed/Refractory MDS

*Current standard of care offers little therapeutic benefit to patients*

## Most Commonly Used Therapies in R/R MDS<sup>1</sup>

| Emavusertib                                                                                                                                                                          | Chemotherapy <sup>2</sup>                                                                                                              | Decitabine <sup>3</sup>                                                                                                                                | Azacitidine <sup>3</sup>                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>IRAK4 Inhibitor</i>                                                                                                                                                               | <i>Chemotherapy</i>                                                                                                                    | <i>HMA</i>                                                                                                                                             | <i>HMA</i>                                                                                                                                                   |
| <ul style="list-style-type: none"><li>• 57% mCR rate (4 of 7 patients, incl. 1 that went to SCT)</li><li>• No dose-limiting myelosuppression</li><li>• Oral Administration</li></ul> | <ul style="list-style-type: none"><li>• ~8% ORR</li><li>• Myelosuppressive and Black Box Warning</li><li>• IV Administration</li></ul> | <ul style="list-style-type: none"><li>• 2<sup>nd</sup> line response data unavailable</li><li>• Myelosuppressive</li><li>• IV Administration</li></ul> | <ul style="list-style-type: none"><li>• 2<sup>nd</sup> line response data unavailable</li><li>• Myelosuppressive</li><li>• IV or SC Administration</li></ul> |

- Spliceosome mutations (U2AF1/SF3B1) are the most prominent mutations in MDS (~30% of MDS patients)<sup>5</sup>
- No effective therapies for patients R/R to HMA (chemo is standard of care)
- mOS 4-6 months<sup>6</sup>

1) CancerMPact Treatment Architecture U.S. AML, Cerner Enviza, www.cancermpact.com, accessed January 3, 2022. Excludes Investigational Therapies; 2) Prébet et al, JCO 2011.; 3) Product Package Insert.; 4) Jabbour et al Cancer 2010; Prébet et al., JCO 2011; Duong et al, Clin Lymphoma Myeloma Leuk, 2013; 5) Ochi Cancers 2021.; 6) Jabbour et al Cancer 2010.

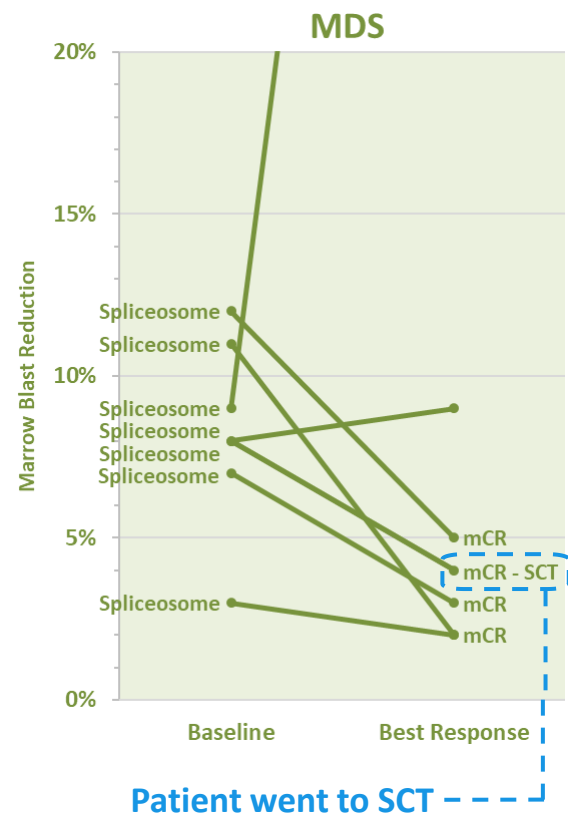
Initial emavusertib data compared favorably vs. historical responses with the mainstay treatment for R/R MDS patients

MDS  
Spliceosome  
Mutation

# Encouraging Clinical Activity in R/R MDS Patients with Spliceosome Mutation



Marrow blast reduction achieved in 5 of 7 patients, including 4 marrow CRs

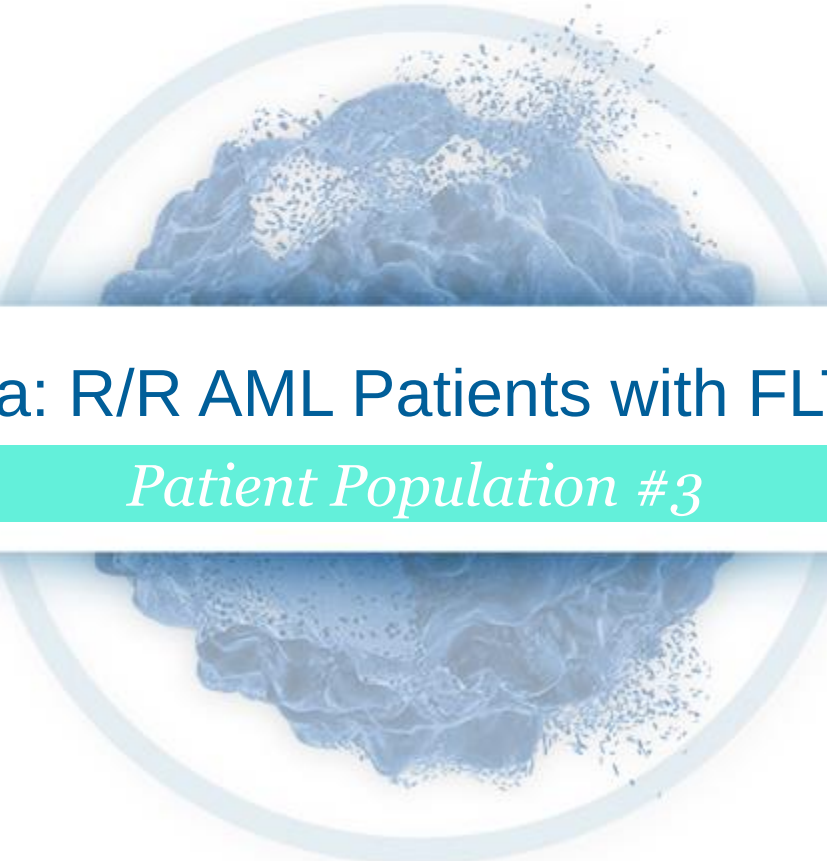


| Dx  | Dose (BID) | IPSS-R         | Baseline Molecular Mutations                           | Prior Therapies |                                                                                       | Duration on emavusertib (mos) | Blasts Baseline | Blasts Best Response | % Change   |
|-----|------------|----------------|--------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|-------------------------------|-----------------|----------------------|------------|
|     |            |                |                                                        | # Lines         | Therapy                                                                               |                               |                 |                      |            |
| MDS | 200 mg     | Very High Risk | U2AF1 ,ASXL1, NF1, PHF6, GFI1, KDM6A, TET2             | 1               | azacitidine                                                                           | 5.7                           | 11              | 2                    | -82% (mCR) |
| MDS | 300 mg     | Very High Risk | U2AF1, DNMT3A, BCOR, STAG2, BCORL1, ETV6, SETBP1       | 1               | magrolimab/azacitidine                                                                | 3.3+                          | 12              | 5                    | -58% (mCR) |
| MDS | 400 mg     | Very High Risk | SF3B1, RUNX1, NFE2                                     | 2               | lenalidomide, guadecitabine                                                           | 4.3                           | 7               | 3                    | -57% (mCR) |
| MDS | 300 mg     | High Risk      | SF3B1, DNMT3A, ASXL1, TET2, EZH2                       | 2               | azacitidine, canakinumab                                                              | 0.9 (went to SCT)             | 8               | 4                    | -50% (mCR) |
| MDS | 300 mg     | High Risk      | U2AF1, ASXL1                                           | 4               | lenalidomide, azacitidine, cyclosporine, decitabine                                   | 5.3+                          | 3               | 2                    | -33%       |
| MDS | 300 mg     | Very High Risk | SF3B1, ASXL1, NF1, SH2B3, RUNX1, PHF6, CBL, GFI1, EZH2 | 3               | ipilimumab/azacitidine, quizartinib/azacitidine, azacitidine/venetoclax/ pevonedistat | 1.6                           | 8               | 9                    | 13%        |
| MDS | 400 mg     | Very High Risk | U2AF1, ASXL1, BCOR, DNMTA, GATA2, SETBP1               | 1               | azacitidine                                                                           | 1.2                           | 9               | 62                   | >100%      |

Data extraction date: Dec 16, 2021; “+” in Duration of Treatment indicates the patient remains on treatment as of the date of data extraction.

Consistent tumor burden reduction in targeted population with limited options

MDS  
Spliceosome  
Mutation

A large, circular, light blue microscopic image of a cell cluster is centered in the background. The cluster has a textured, irregular surface with many small, dark blue dots scattered across it. A horizontal white bar with a teal gradient overlay is positioned across the middle of the cluster, containing the text "Clinical Data: R/R AML Patients with FLT3 Mutation" and "Patient Population #3".

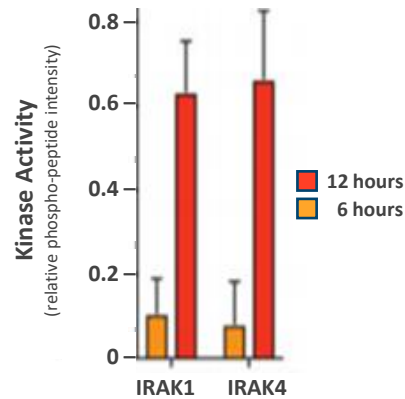
Clinical Data: R/R AML Patients with FLT3 Mutation

*Patient Population #3*

# IRAK4 Signaling Drives Resistance to FLT3 Inhibitors

*IRAK4 inhibition is synergistic with, and prevents adaptive resistance to, FLT3 inhibition*

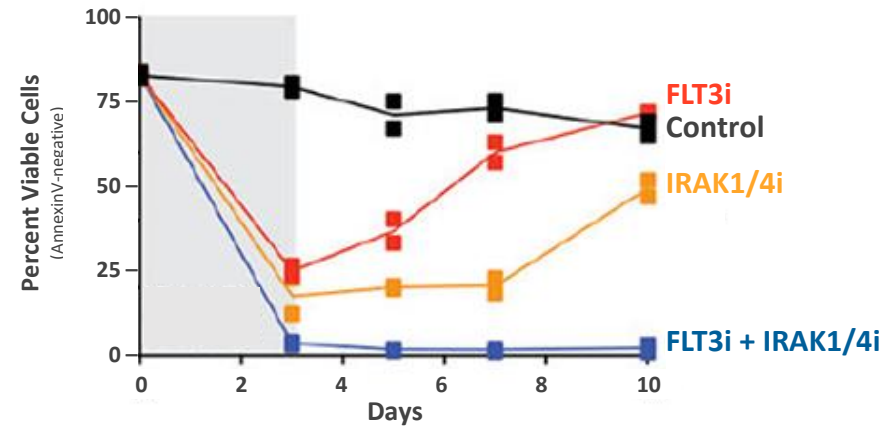
**IRAK Activity**  
increases after treatment with FLT3i



IRAK4 activity increases after treatment of MLL-AF9 FLT3-ITD cells with FLT3i (quizartinib)

IRAK4 activity also shown to increase in patients during gilteritinib treatment

**IRAK1/4i Synergy with FLT3i**

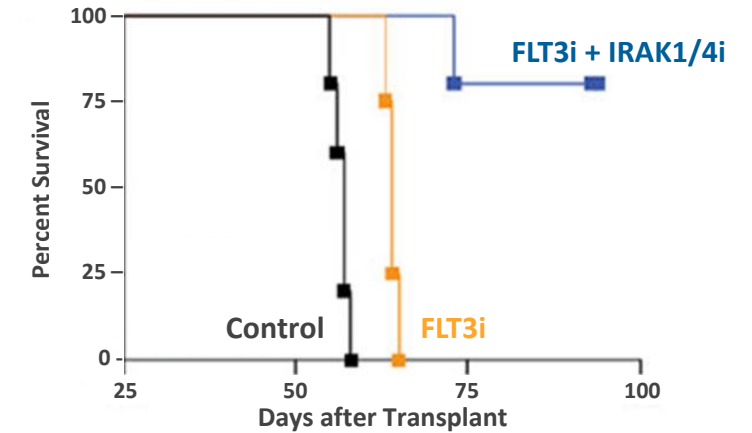


Combination of IRAK1/4 and FLT3 inhibition (quizartinib) is synergistically cytotoxic

Viability of MLL-AF9; FLT3-ITD cells treated for 3 days with DMSO (vehicle control), quizartinib (0.5  $\mu$ M), IRAKi (10  $\mu$ M), or quizartinib and IRAKi

**Leukemia-free Survival**

IRAK1/4i + FLT3i Combination vs FLT3i alone



Mice die if treated FLT3i (quizartinib) alone, but survive if treated with combination of IRAK1/4i and FLT3i

Leukemia-free survival of NRGS mice xenografted with AML-019

Preclinical data demonstrates synergistic effect of dual inhibition

AML  
FLT3  
Mutation

# Emavusertib May Address Unmet Need in R/R AML Patients with FLT3 Mut



No approved therapies for patients R/R to FLT3 inhibitors

Most Commonly Used Therapies in R/R AML Patients with FLT3 Mutation<sup>1</sup>

| Emavusertib                                                                                                                                          | Gilteritinib <sup>2,3</sup>                                                                                                         | Azacitidine <sup>2</sup>                                                                                                                                     | Decitabine <sup>2</sup>                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>IRAK4 Inhibitor</i>                                                                                                                               | <i>FLT3 Inhibitor</i>                                                                                                               | <i>HMA</i>                                                                                                                                                   | <i>HMA</i>                                                                                                                                             |
| <ul style="list-style-type: none"><li>• 33% CR (1 of 3 patients)</li><li>• No dose-limiting myelosuppression</li><li>• Oral Administration</li></ul> | <ul style="list-style-type: none"><li>• ~12% CR</li><li>• No dose-limiting myelosuppression</li><li>• Oral Administration</li></ul> | <ul style="list-style-type: none"><li>• 2<sup>nd</sup> line response data unavailable</li><li>• Myelosuppressive</li><li>• IV or SC Administration</li></ul> | <ul style="list-style-type: none"><li>• 2<sup>nd</sup> line response data unavailable</li><li>• Myelosuppressive</li><li>• IV Administration</li></ul> |

- ~30% of AML patients have FLT3 mutation<sup>4</sup>
- Dual inhibition of IRAK4 and FLT3 may lead to increased efficacy, as signaling through IRAK4 drives resistance to FLT3 inhibitors<sup>5</sup>

1) CancerMPact Treatment Architecture U.S. AML, Cerner Enviza, www.cancermpact.com, accessed January 3, 2022. Excludes Investigational Therapies and anti-CD33; 2) Product Package Insert; 3) Perl et al NEJM 2019; 4) Saygin, et al. J Hematol Oncol. 2017; 5) Melgar, Sci Transl Med. 2019

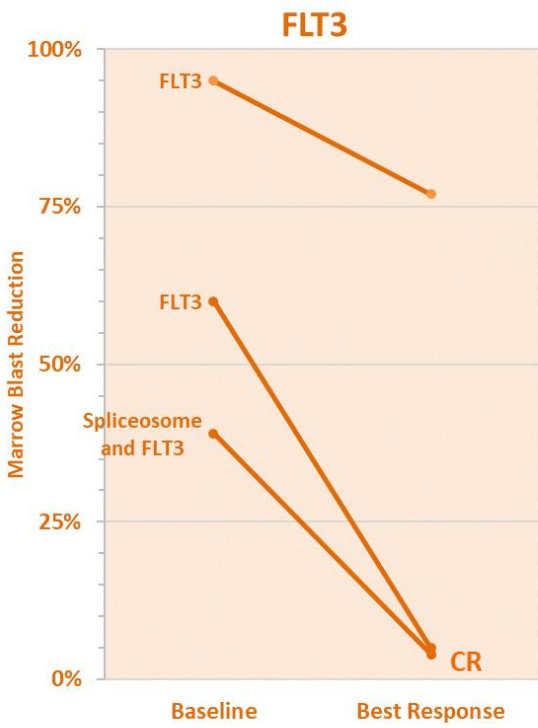
IRAK4/FLT3 inhibition may improve efficacy in R/R AML patients with FLT3 mutation<sup>5</sup>

AML  
FLT3  
Mutation

# Encouraging Clinical Activity in R/R AML Patients with FLT3 Mutation



*Achieving disease modification in heavily pretreated patients with emavusertib monotherapy*



| Dx   | Dose (BID) | Risk Category (ELN) | Baseline Molecular Mutations                                                                                                                                         | Prior Therapies |                                                                                  | Duration on emavusertib (mos) | Blasts Baseline | Blasts Best Response <sup>1</sup> | % Change  |
|------|------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|-------------------------------|-----------------|-----------------------------------|-----------|
|      |            |                     |                                                                                                                                                                      | # Lines         | Therapy                                                                          |                               |                 |                                   |           |
| AML  | 400 mg     | Adverse             | FLT3 ( <i>eradicated at C3D1</i> ), ASXL1, BCOR, CEBPA ( <i>eradicated at C3D1</i> ), CSF3R, EZH2, NRAS, RUNX1 (X3), STAG2, TET2(X2,1) ( <i>eradicated at C3D1</i> ) | 2               | decitabine/venetoclax, gilteritinib ( <i>refractory to gilteritinib</i> )        | 5.1                           | 60              | 5                                 | -92%      |
| sAML | 300 mg     | Intermediate        | FLT3 ( <i>eradicated at C4D1</i> ), BCOR ( <i>eradicated at C4D1</i> ), U2AF1 ( <i>decreased to 1.3 VAF at C4D1</i> ), WT1 ( <i>eradicated at C4D1</i> )             | 1               | decitabine/venetoclax                                                            | 6.2+                          | 39              | 4                                 | -90% (CR) |
| AML  | 300 mg     | Adverse             | FLT3, SF3B1, NRAS, PTPN11, RAD21, RUNX1, TET2, GATA, STAT3                                                                                                           | 4               | cytarabine/daunorubicin, decitabine/PCM-075, decitabine/venetoclax, gilteritinib | 2.6                           | 95              | 77                                | -19%      |

Data extraction date: Dec 16, 2021; “+” in Duration of Treatment indicates the patient remains on treatment as of the date of data extraction.  
1) Two AML patients have both a spliceosome and FLT3 mutation and are included in both populations (there are 13 total evaluable patients with Spliceosome or FLT3 mutation).

Significant marrow blast reduction and FLT3 mutation eradicated in 2 out of 3 patients

AML  
FLT3  
Mutation

## *First-in-class IRAK4 inhibitor targets specific genetic populations in AML and MDS*

Emavusertib addresses a novel target (IRAK4) and:

- (1) demonstrates clear anti-cancer activity as an oral single agent
  - (2) is active in genetically-defined populations that can be identified and enrolled
  - (3) has the added potential benefit of also hitting FLT3
- Safety profile may provide advantage to existing standard of care therapies as a single agent, and also suggests emavusertib may be a favorable candidate for addition to combination therapy regimens
  - Dual targeting of IRAK4 and FLT3 may prevent adaptive resistance to current FLT3 inhibitors<sup>1</sup>
  - AML/MDS patients who do not have a spliceosome or FLT3 mutation will be addressed in our combination therapy study

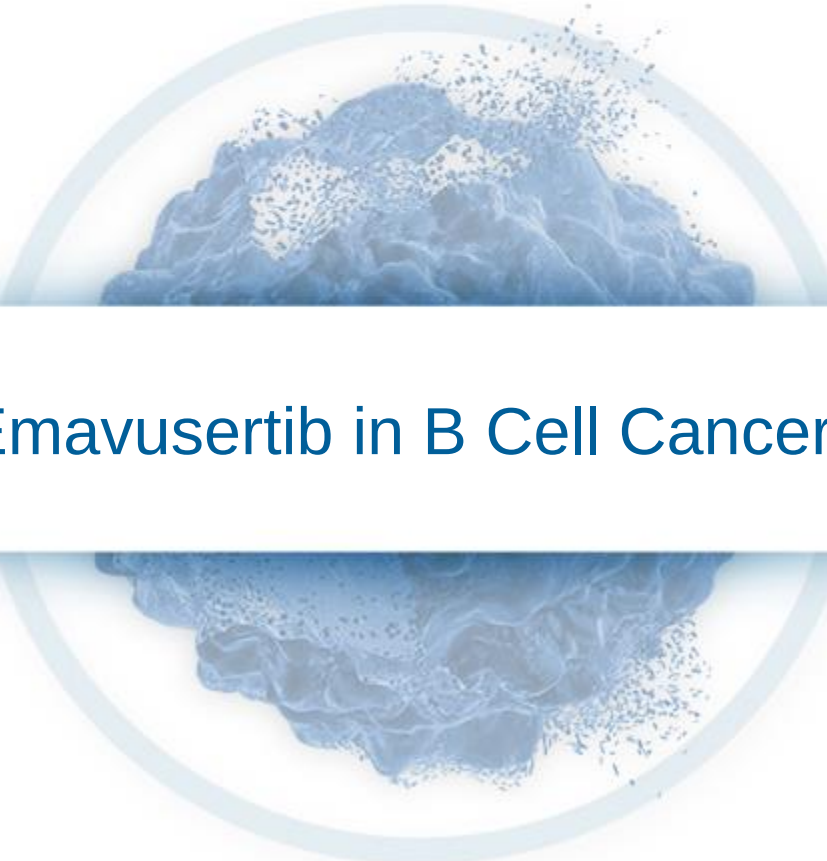


### Next Steps in Expansion

#### TakeAim Leukemia Trial

- *Monotherapy: Spliceosome mutation*
- *Monotherapy: FLT3 mutation*
- *Combination: Emavusertib + azacitidine*
- *Combination: Emavusertib + venetoclax*

***Plan to discuss potential for a rapid  
registrational path with FDA***

A large, circular, light blue microscopic image of a cell cluster is centered in the background. The cluster has a textured, irregular surface with many small protrusions and indentations. A white horizontal bar with a subtle drop shadow is positioned across the middle of the image, containing the text "Emavusertib in B Cell Cancers".

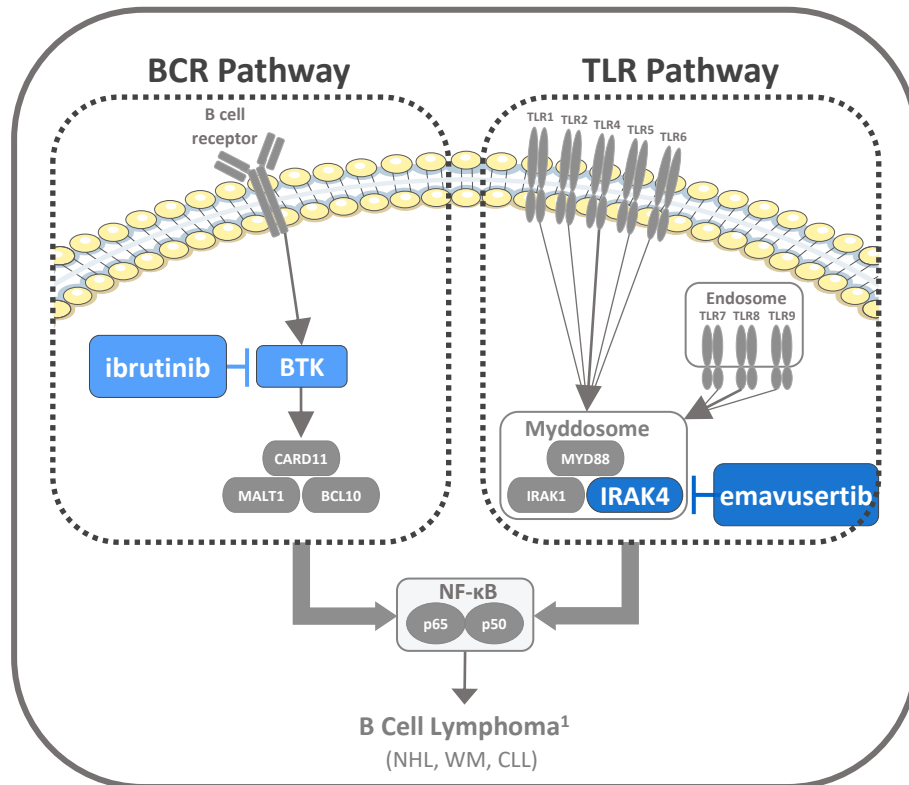
## Emavusertib in B Cell Cancers

# Emavusertib in B Cell Cancers

*Combination therapy provides complimentary inhibition of two pathways that drive NF- $\kappa$ B*

## Two Pathways Drive B Cell Cancers

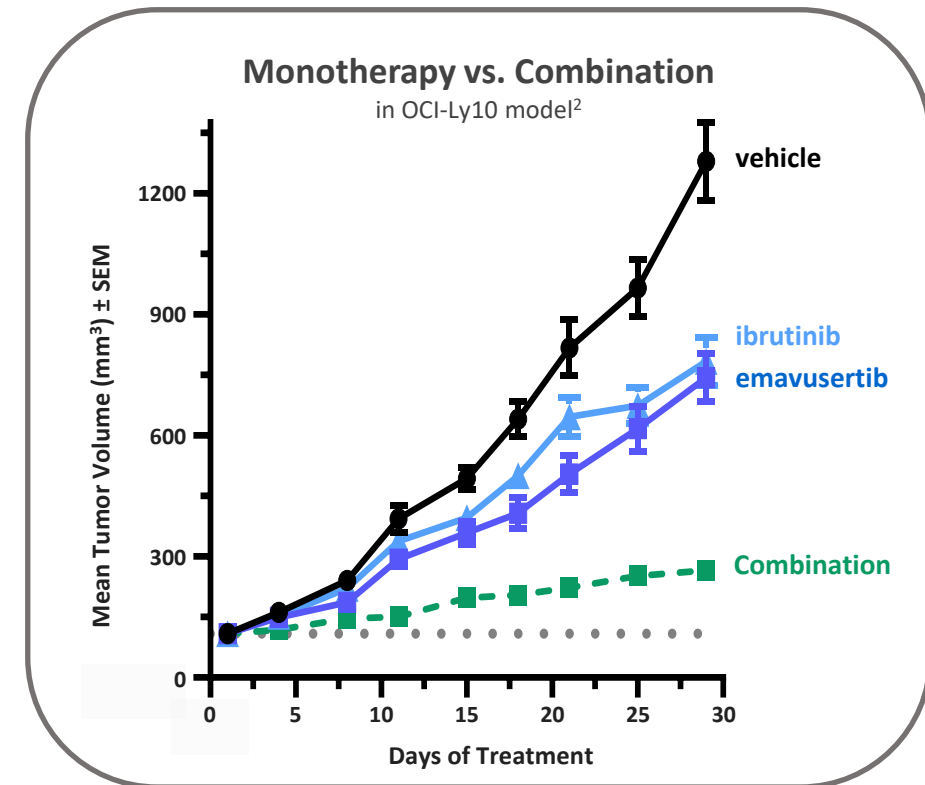
*BCR and TLR Pathways independently drive NF- $\kappa$ B overactivity  
(and NF- $\kappa$ B drives B Cell Cancers)*



1) IMBRUVICA Package Insert. Rev 08/2018

## Clinical Strategy: Use Combination Therapy

*In preclinical testing, blocking both IRAK4 and BTK  
drove tumor reduction better than blocking either one alone*



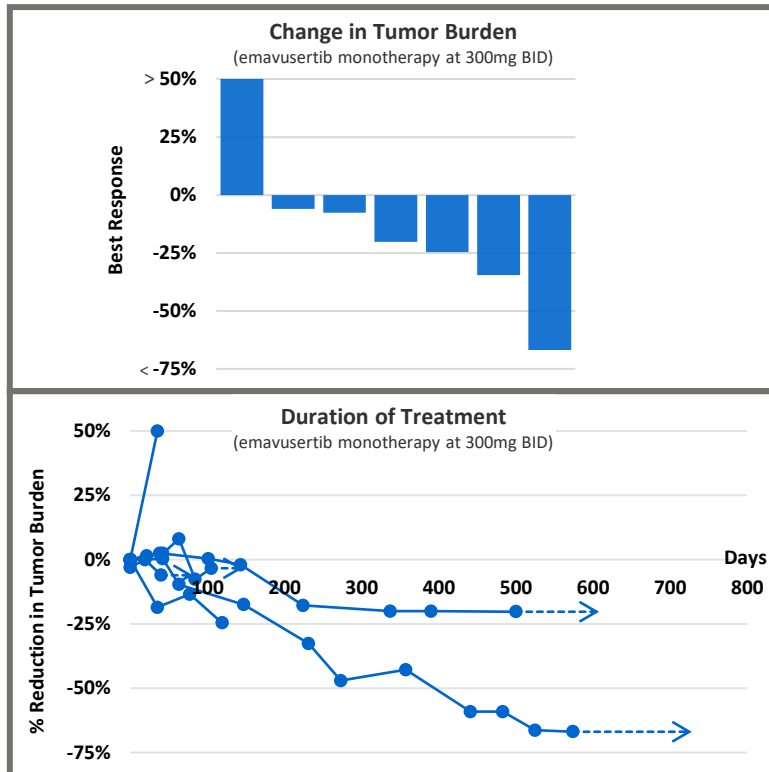
2) Booher et al. Waldenström Roadmap Symposium 2019

# Emavusertib in B Cell Cancers

*Proof-of-Concept demonstrated with monotherapy; Combination therapy study in progress*

## Monotherapy

*Ph1 proof-of-concept study  
demonstrated durable tumor reduction in monotherapy*



2020 American Society of Hematology (ASH) Conference Presentation

## Combination Therapy

*Blocking both IRAK4 and BTK  
may be better than blocking either one alone*

### 4 Targeted Patient Populations

- BTKi naïve, Marginal Zone Lymphoma
- BTKi naïve, Primary CNS Lymphoma
- BTKi naïve, ABC-DLBCL
- Patients (any tumor type) who have relapsed after adaptive resistance to ibrutinib

### TakeAim Lymphoma Study in Progress

-----  
*initial data coming in 1H 2022*

# Emavusertib in B Cell Cancers

*Emavusertib is the ideal candidate to combine with BTKi to maximize downregulation of NF- $\kappa$ B*



- Patients are treated with BTKi because downregulating NF- $\kappa$ B activity reduces tumor burden in B Cell Cancers
- Two pathways drive NF- $\kappa$ B:
  - 1) BCR Pathway: addressed by blocking BTK
  - 2) TLR Pathway: addressed by blocking IRAK4
- Ph1 clinical data in monotherapy demonstrated proof-of-concept with clear reduction in tumor burden
- Ph1 clinical data in combination therapy coming in 2022

## Next Steps: Combination Therapy

### TakeAim Lymphoma Trial

- BTKi naïve, Marginal Zone Lymphoma
- BTKi naïve, Primary CNS Lymphoma
- BTKi naïve, ABC-DLBCL
- Patients (any tumor type) who have relapsed after adaptive resistance to ibrutinib

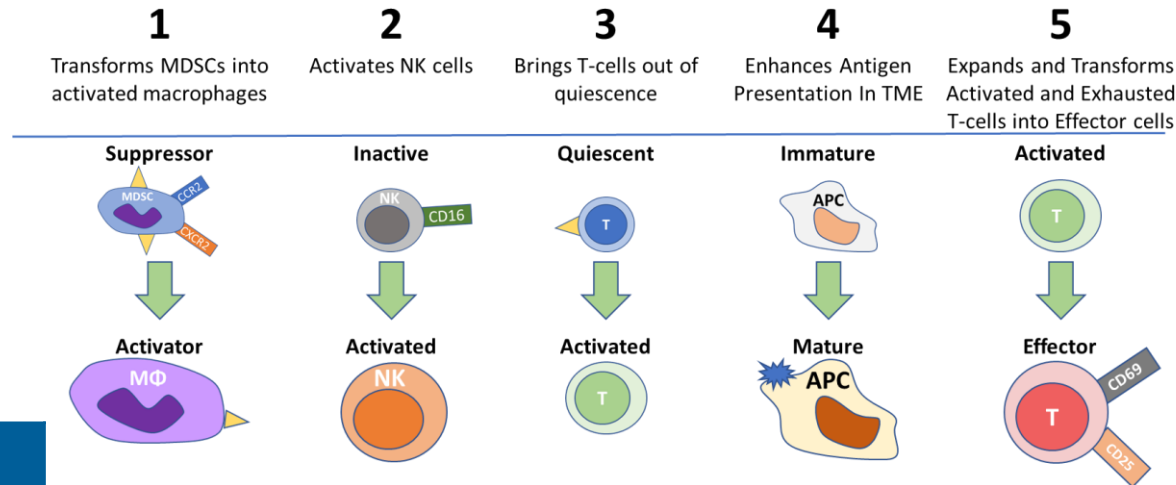
***Initial Clinical Data in Combination Therapy  
to report out in 2022***

A circular inset containing a blue-tinted microscopic image of a cell cluster, which is partially obscured by a white horizontal bar.

VISTA Biology and CI-8993

# Anti-cancer Mechanisms of Checkpoint Inhibitors

*Role of VISTA may go beyond other checkpoint inhibitors*



***We believe VISTA inhibition has potential for broad application in many tumor types in monotherapy and in combination with existing checkpoint inhibitors***

| Target                     |   |   |   |   |   |
|----------------------------|---|---|---|---|---|
| VISTA (CI-8993)            | ✓ | ✓ | ✓ | ✓ | ✓ |
| PD-1 (Pembro, Nivo, etc.)  | ✓ | ✗ | ✗ | ✗ | ✓ |
| PD-L1 (Atezo, Durva, etc.) | ✗ | ✗ | ✗ | ✗ | ✓ |
| CTLA-4 (Ipi)               | ✗ | ✗ | ✗ | ✗ | ✓ |
| TIM3                       | ✓ | ✗ | ✗ | ✗ | ✓ |
| LAG3                       | ✗ | ✗ | ✗ | ✗ | ✓ |
| OX40                       | ✗ | ✗ | ✗ | ✗ | ✓ |
| TIGIT                      | ✗ | ✗ | ✗ | ✗ | ✓ |

## Checkpoint Inhibitors Approved in Multiple Malignancies:

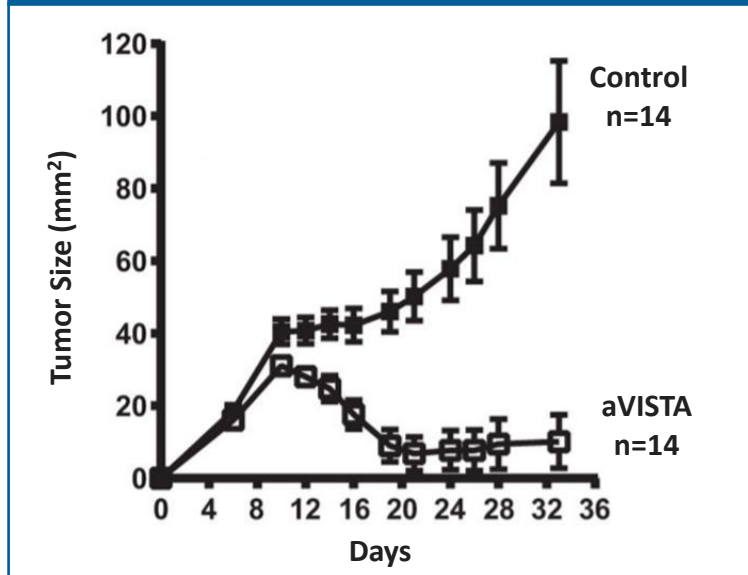
- Melanoma
- Lung Carcinoma
- Renal Cell Carcinoma
- Head & Neck Squamous Cell Carcinoma
- Lymphoma
- Hepatocellular Carcinoma
- Merkel Cell Carcinoma
- Gastric/Gastroesophageal Adenocarcinoma
- Cervical Carcinoma
- Cutaneous Squamous Cell Carcinoma
- Breast Carcinoma
- Esophageal Carcinoma
- Uterine Carcinoma
- Urothelial Carcinoma
- Genomic Alterations (e.g., MSI-high)

# CI-8993 Preclinical Data

*Clear anti-cancer activity suggest potential transformation of immune-oncology treatment*

## Monotherapy

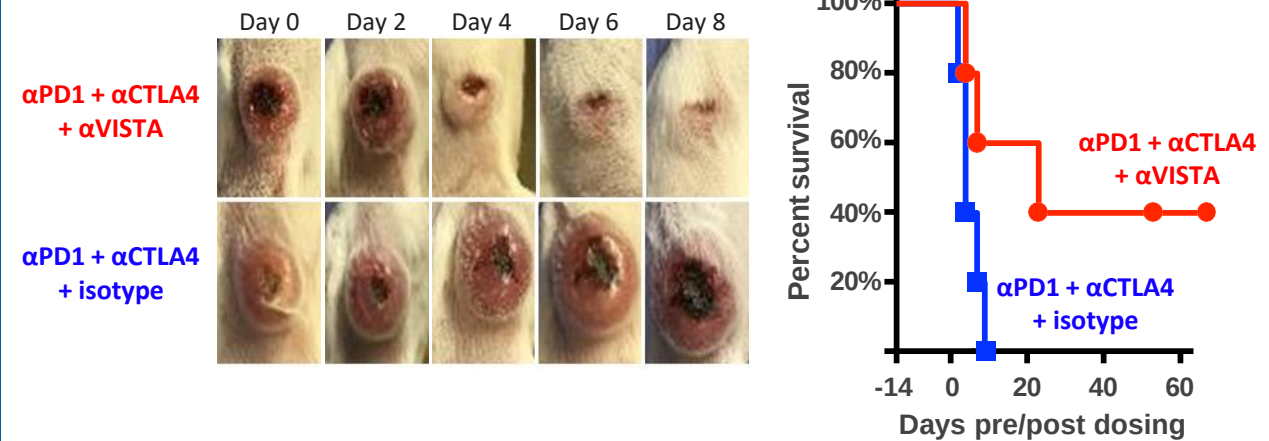
Anti-VISTA inhibited tumor growth in B16ova melanoma model<sup>1</sup>



1) Le Mercier et al. Cancer Res. 2014 Apr 1

## Combination Therapy

Anti-VISTA inhibited xenograft growth in checkpoint resistant CT26 model<sup>2</sup>



2) J. Lines, IEBMC Conference 2019

# Incorporated Learnings from CI-8993 Prior Clinical Study

## *Pharmacodynamic activity (cytokine release) observed in initial clinical study*

CI-8993 is the first anti-VISTA monoclonal antibody (IgG1k) to be studied in clinical trials

- Janssen initiated a Ph1 study in 2016 and enrolled 12 patients<sup>1</sup>
  - Transient Cytokine Release Syndrome (CRS) observed in several patients at 0.15mg/kg
  - Transient grade 3 CRS-associated encephalopathy observed at 0.3mg/kg, after which Janssen halted the study

### **CI-8993 Protocol Designed to Manage Expected CRS**

- CRS is likely an on-target effect; indicates drug is hitting the target and inducing immune response
- NCCN guidelines were issued in 2018; oncology community now familiar with managing CRS
- Desensitizing step-dose of CI-8993, and pre/post-infusion medication, administered to mitigate CRS

1) ClinicalTrials.gov, Trial #NCT02671955

# CI-8993 Clinical Plan: Phase 1 Dose Escalation Study

*On-going clinical study to determine safety*

## Phase 1 Dose Escalation Study Design



### Patient Population

- Patients with advanced refractory solid tumors (includes mesothelioma, melanoma, NSCLC, TNBC)

### Treatment

- Bi-weekly dosing
- Plan to mitigate potential toxicities by co-medication and step dosing (desensitization)

### Objectives

- Safety, PK/PD, tolerability during dose escalation
- Anti-cancer activity during expansion

### Protocol Designed to Manage Expected CRS

- CRS is likely an on-target effect; indicates drug is hitting the target and inducing immune response
- NCCN guidelines were issued in 2018; oncology community now familiar with managing CRS
- Desensitizing step-dose of CI-8993, and pre/post-infusion medication, administered to mitigate CRS

# CI-8993 Has Demonstrated Favorable Safety Profile

*Successfully managed expected CRS at all levels dosed to date*

| All Grades<br>Treatment-Related Adverse Events<br>Occurring in 2+ Patients | 0.15 mg/kg<br>(N = 7) |        | 0.3 mg/kg<br>(N = 5) |        |
|----------------------------------------------------------------------------|-----------------------|--------|----------------------|--------|
|                                                                            | n (%)                 |        | n (%)                |        |
| Number of patients having any grade treatment-related AEs                  | 4                     | (57.1) | 4                    | (80.0) |
| Headache                                                                   | 3                     | (42.9) | 1                    | (20.0) |
| Chills                                                                     | 2                     | (28.6) | 1                    | (20.0) |
| Alanine aminotransferase increased                                         | 1                     | (14.3) | 1                    | (20.0) |
| Fatigue                                                                    | 2                     | (28.6) | 0                    |        |
| Hypotension                                                                | 0                     |        | 2                    | (40.0) |

Data extraction date: Dec 11, 2021.

One additional patient experienced grade 2 treatment-related AE after receiving step dose and chose not to proceed to full dose.

| Grade 3+<br>Treatment-Related Adverse Events             | 0.15 mg/kg<br>(N = 7) |  | 0.3 mg/kg<br>(N = 5) |        |
|----------------------------------------------------------|-----------------------|--|----------------------|--------|
|                                                          | n (%)                 |  | n (%)                |        |
| Number of patients having grade 3+ treatment-related AEs | 0                     |  | 1                    | (20.0) |
| Leukopenia                                               | 0                     |  | 1                    | (20.0) |

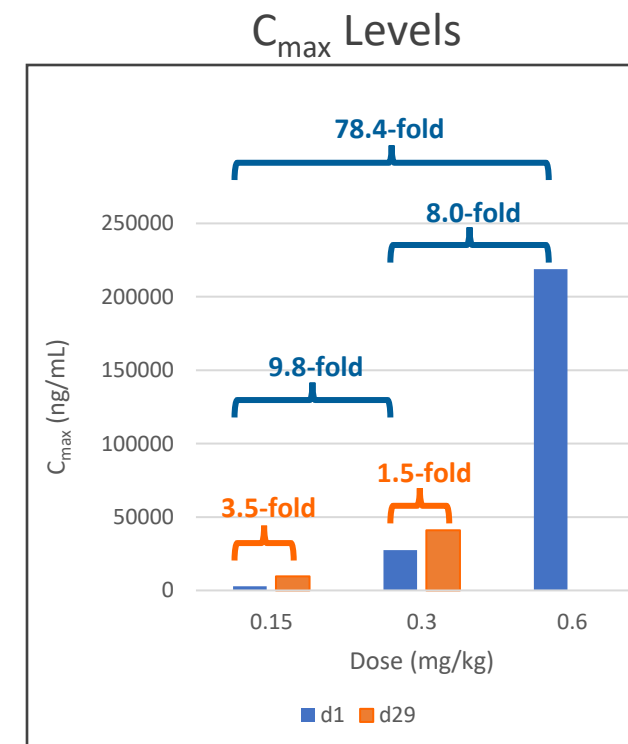
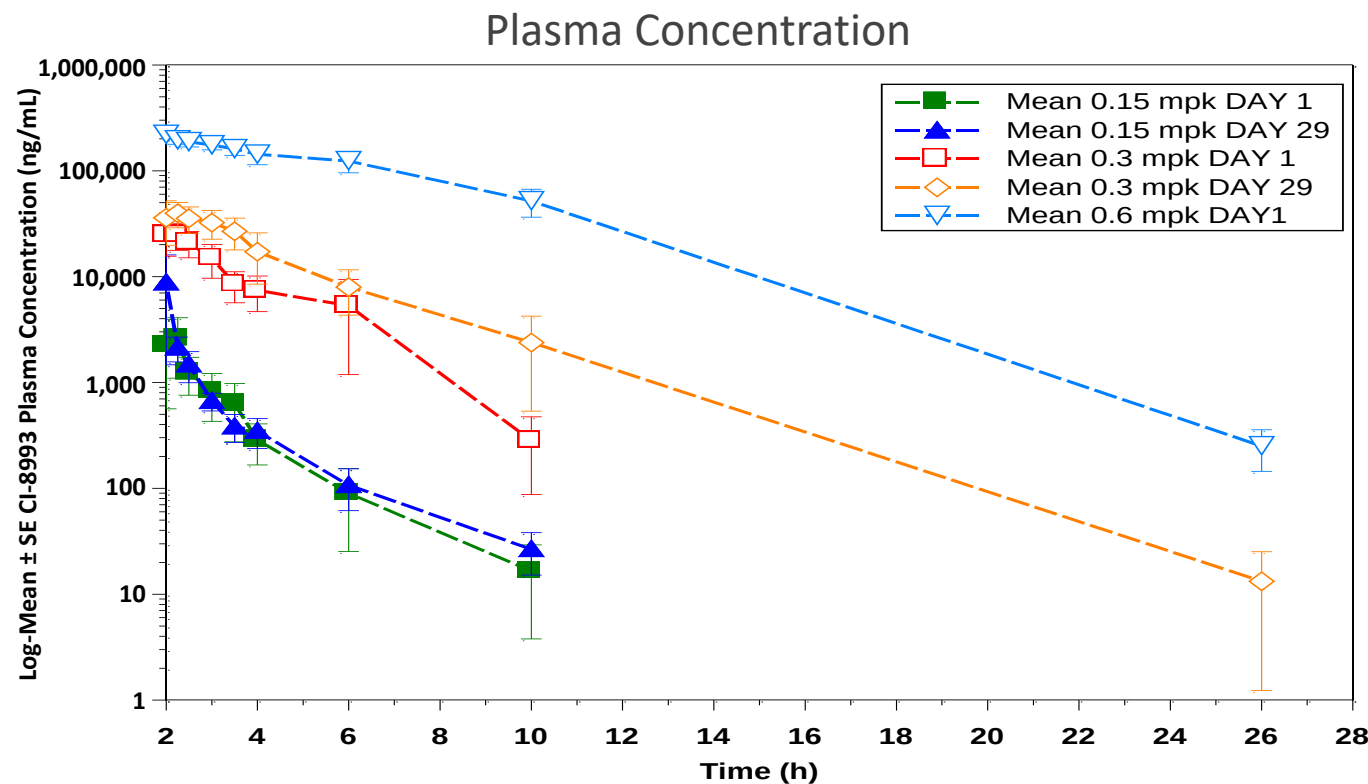
*Expected stimulation of immune response-related AEs*

*Successfully managed at all levels dosed to date*

CI-8993 has successfully cleared dose level where Janssen observed DLT

# CI-8993 Has Demonstrated Favorable PK Profile

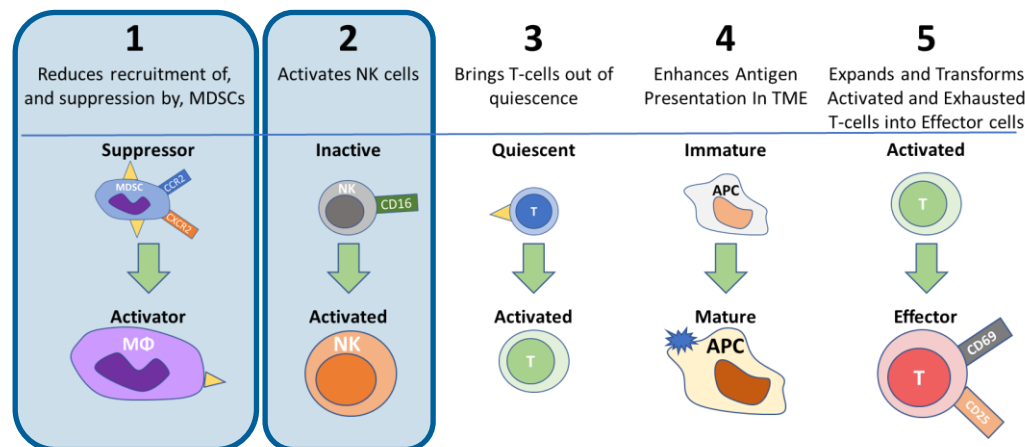
*CI-8993 mean plasma concentration vs. time profile following IV administration at full dose*



Saturation kinetics in  $C_{\max}$  data (“sink effect”) suggest potential for broad bioavailability at higher dose levels

# Pharmacodynamic Effects of CI-8993 in Patients

*CI-8993 affects multiple anticancer mechanisms supporting VISTA potential*

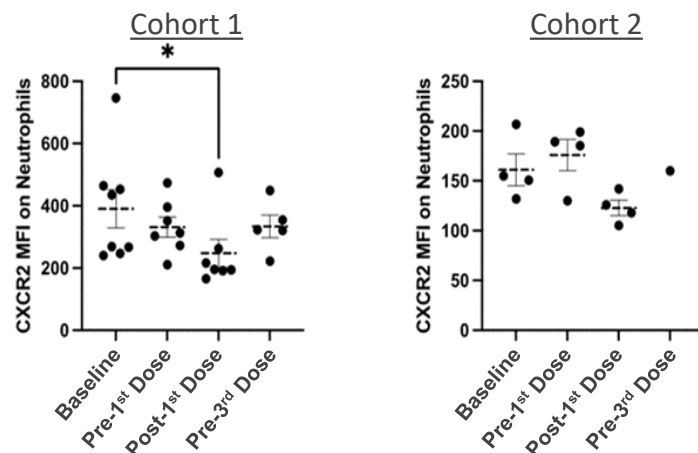


1

## Decreased recruitment of MDSCs

*Decreased CXCR2 on granulocytes*

*CI-8993 reduces MDSCs (↓CXCR2 and ↓CCR2); MDSCs suppress anti-tumor immunity and impair efficacy of other checkpoint inhibitors*



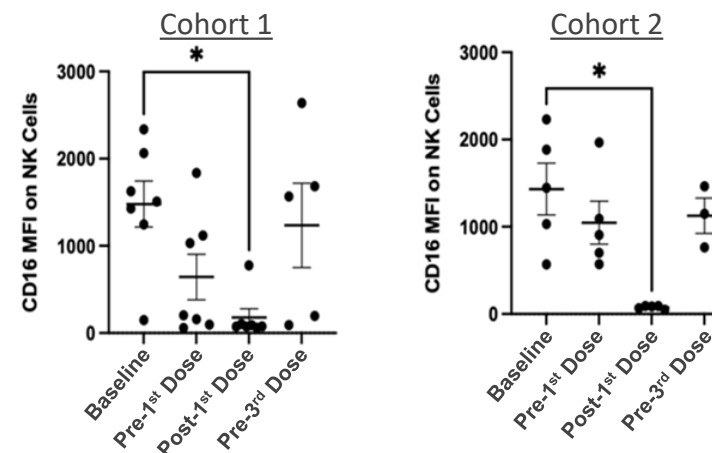
*Similar finding for CCR2 on monocytes*

2

## NK Cell Activation

*Decreased CD16 on NK cells*

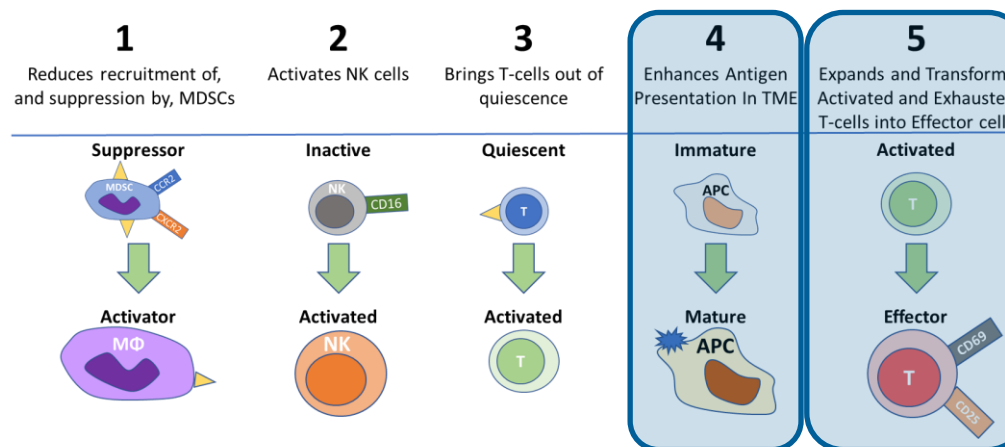
*CI-8993 activates NK cells (↓CD16 signifies NK activation); activated NK cells exert an important anti-tumor function via the innate immune system*



\* p<0.05

# Pharmacodynamic Effects of CI-8993 in Patients

*CI-8993 affects multiple anticancer mechanisms supporting VISTA potential*

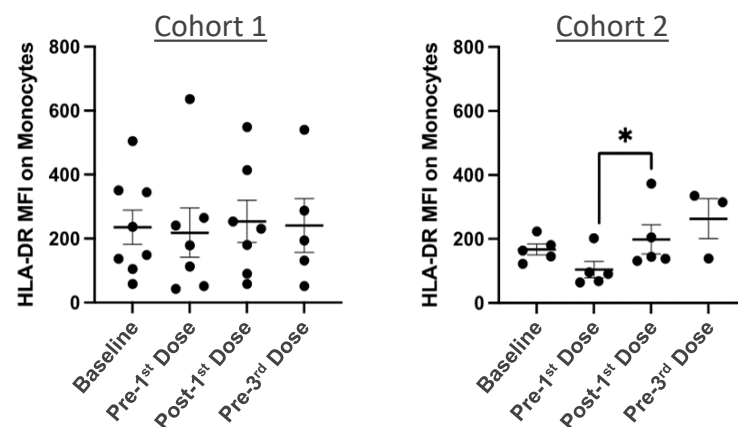


4

## Enhanced Antigen Presentation

*Increased HLA-DR on Monocytes*

*CI-8993 enhances antigen presentation ( $\uparrow$ HLA-DR); antigen presentation allows the immune system to recognize the tumor and attack it*

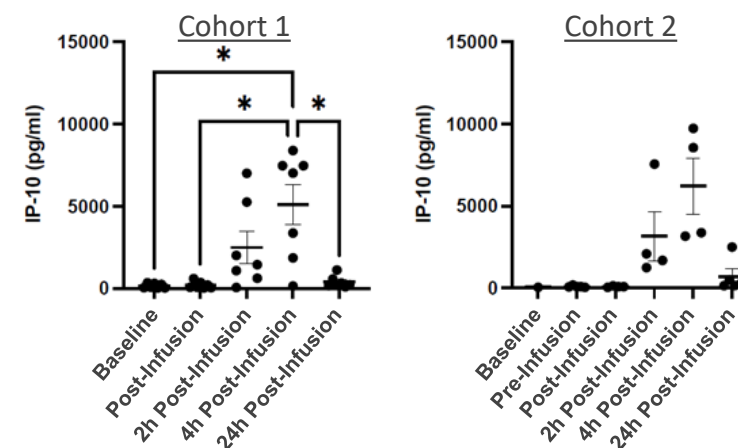


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## Release of T-Cell Activating Factors

*Increased Secretion of IP10*

*CI-8993 increases T-cell factors ( $\uparrow$ IP10 and  $\uparrow$ MIP1 $\alpha$ ); these stimulate T-cell expansion and transformation into effector T-cells*



*Similar finding for MIP1 $\alpha$*

\*  $p < 0.05$

# CI-8993 Cleared Initial Safety Hurdle

*First-in-class CI-8993 has potential for broad applicability in immune checkpoint therapy*

- Encouraging initial safety data appears to demonstrate effectiveness of procedures implemented to manage expected CRS
- Pharmacokinetic profile of CI-8993 exhibits saturation kinetics, suggesting potential to overcome “sink effect”
- Pharmacodynamic effects of CI-8993 in patients suggest multiple anti-cancer mechanisms may be activated

## Next Steps in Dose Escalation

- *Continue dose-escalation for signs of anti-cancer activity and determination of RP2D*

# Corporate Overview

## Summary

|                                |                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Investment Thesis</b>       | <p>Curis seeks to develop novel, first-in-class, cancer therapeutics that we believe have significant potential in areas of unmet patient need</p> <p><i>Cash and investments of approximately \$120.7M as of March 31, 2022; cash runway into 2024</i></p>                                                                        |
| <b>First-in-Class Pipeline</b> | <p>Emavusertib: first-in-class inhibitor of IRAK4 in oncology<br/><i>There are no drugs currently approved for IRAK4 inhibition in oncology</i></p> <p>CI-8993: first-in-class antagonist of VISTA<br/><i>There are no drugs currently approved for VISTA inhibition</i></p>                                                       |
| <b>Commercial Potential</b>    | <p>9 potential indications with emavusertib: 4 leukemia and 4 B-cell cancers<br/><i>in addition to low-risk MDS in LUCAS</i></p>                                                                                                                                                                                                   |
| <b>Upcoming Milestones</b>     | <p>1H 2022: Report initial data for emavusertib in combination with ibrutinib in NHL</p> <p>2H 2022: Report updated data for emavusertib in AML/MDS monotherapy</p> <p>2H 2022: Report initial efficacy data for CI-8993 (VISTA)</p> <p>2H 2022: Report initial data for emavusertib in combination with aza or ven in AML/MDS</p> |

## *Committed, Experienced Leadership Team*





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End of Corporate Presentation

*NASDAQ: CRIS*

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