



Revumenib AUGMENT-101 Data in R/R KMT2Ar Acute Leukemia
October 2, 2023

Forward-looking statements disclosure

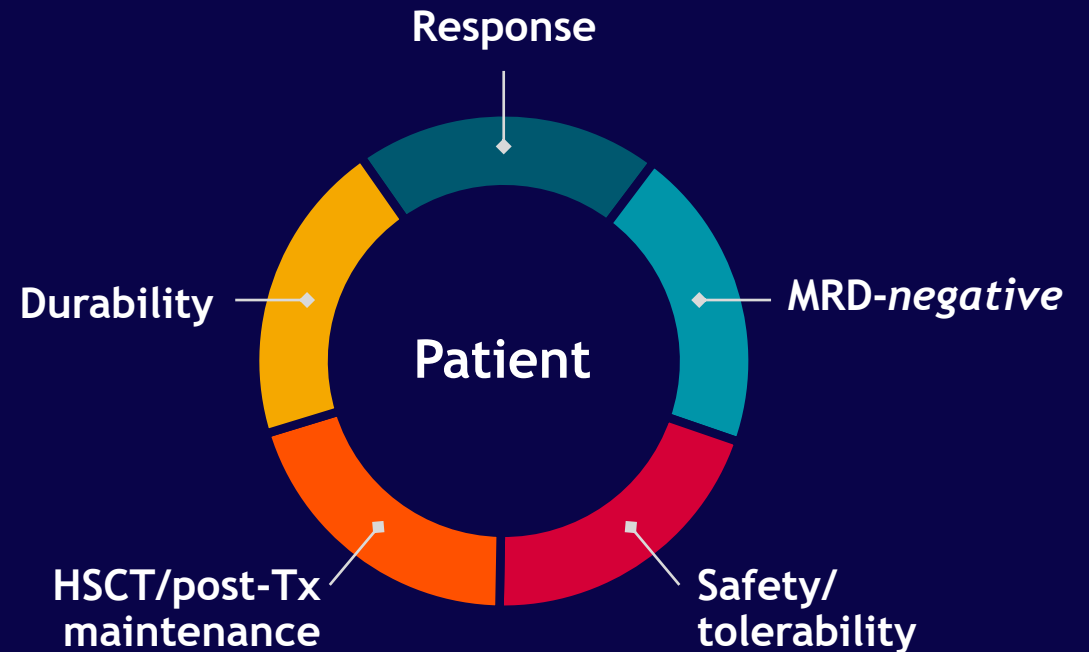
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Revumenib positioned as a first- and best-in-class therapy

IDMC recommends stopping AUGMENT-101 KMT2Ar cohorts for efficacy at protocol defined interim analysis

- Trial met primary endpoint (p-value = 0.0036)
- Majority of patients achieved a clinically significant response to treatment
- High proportion of responders proceeded to potentially curative transplant and re-started post-transplant maintenance
- Well tolerated profile continues to support use as maintenance treatment and promise as potential combination partner in front-line indications
- Potential for first age- and disease-agnostic approval in KMT2Ar acute leukemia; NDA submission on track for year-end 2023



Revumenib delivers on key metrics that address the needs of patients and drive physician utilization

Despite recent advances in AML and ALL, treatment options are needed for patients with KMT2Ar and mNPM1 acute leukemias

KMT2Ar Acute Leukemia

10%

of AML or ALL¹

- NCCN guidelines denote KMT2Ar predicts poor prognosis
- Third-line treatment: Median OS of <3 months; 5% of patients achieve CR

NPM1 Mutant AML

30%

of AML²

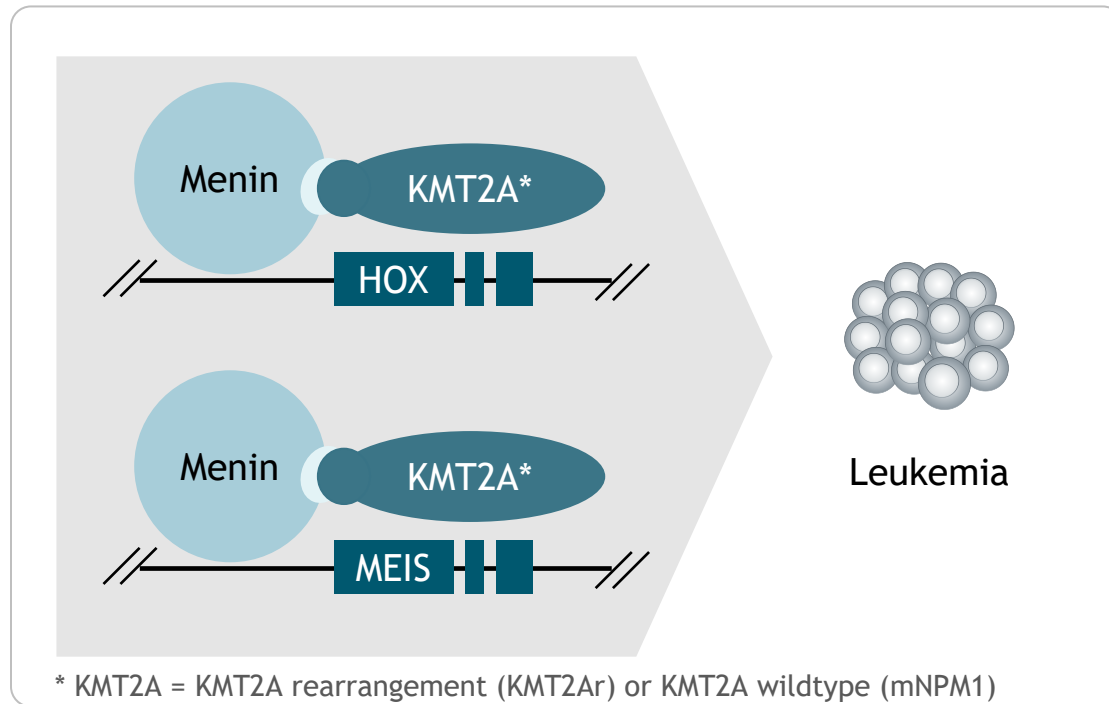
- Most frequent genetic alteration in AML
- Response rates decreased with each line of therapy; 5-year OS ~50%

Revumenib has demonstrated clinical efficacy and is currently being investigated in pivotal trials across both populations



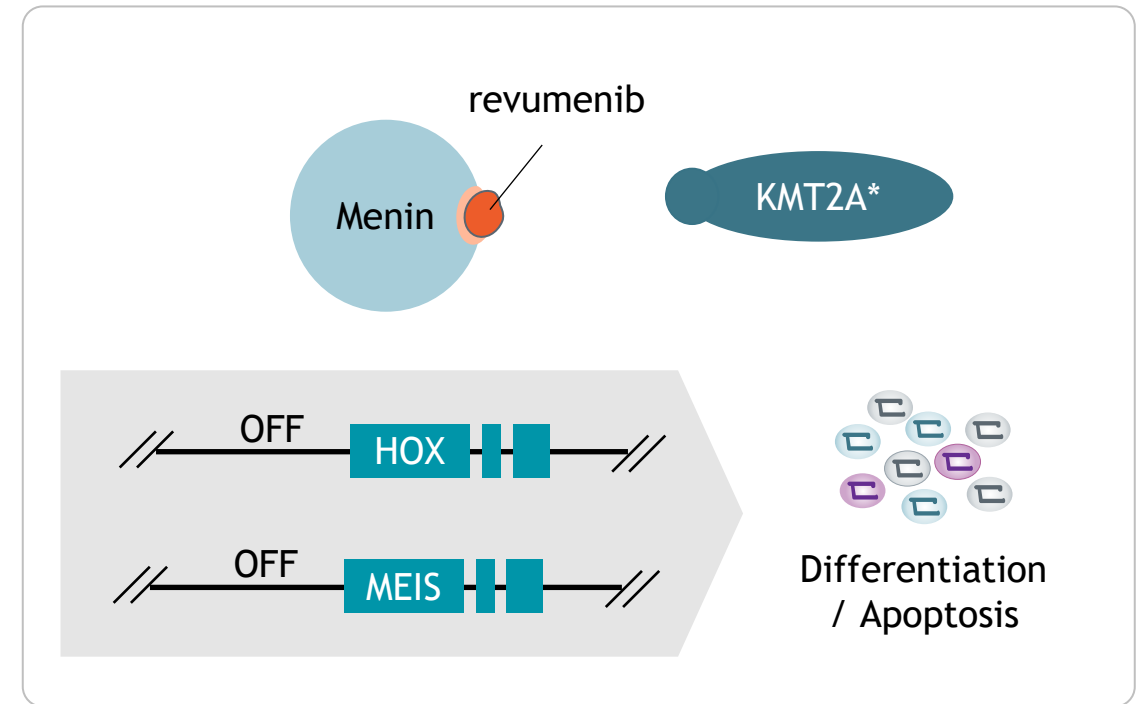
Revumenib's unique MOA turns off leukemic transcriptional programs by binding to menin and displacing KMT2A (MLL) complexes

KMT2Ar or mNPM1 acute leukemias



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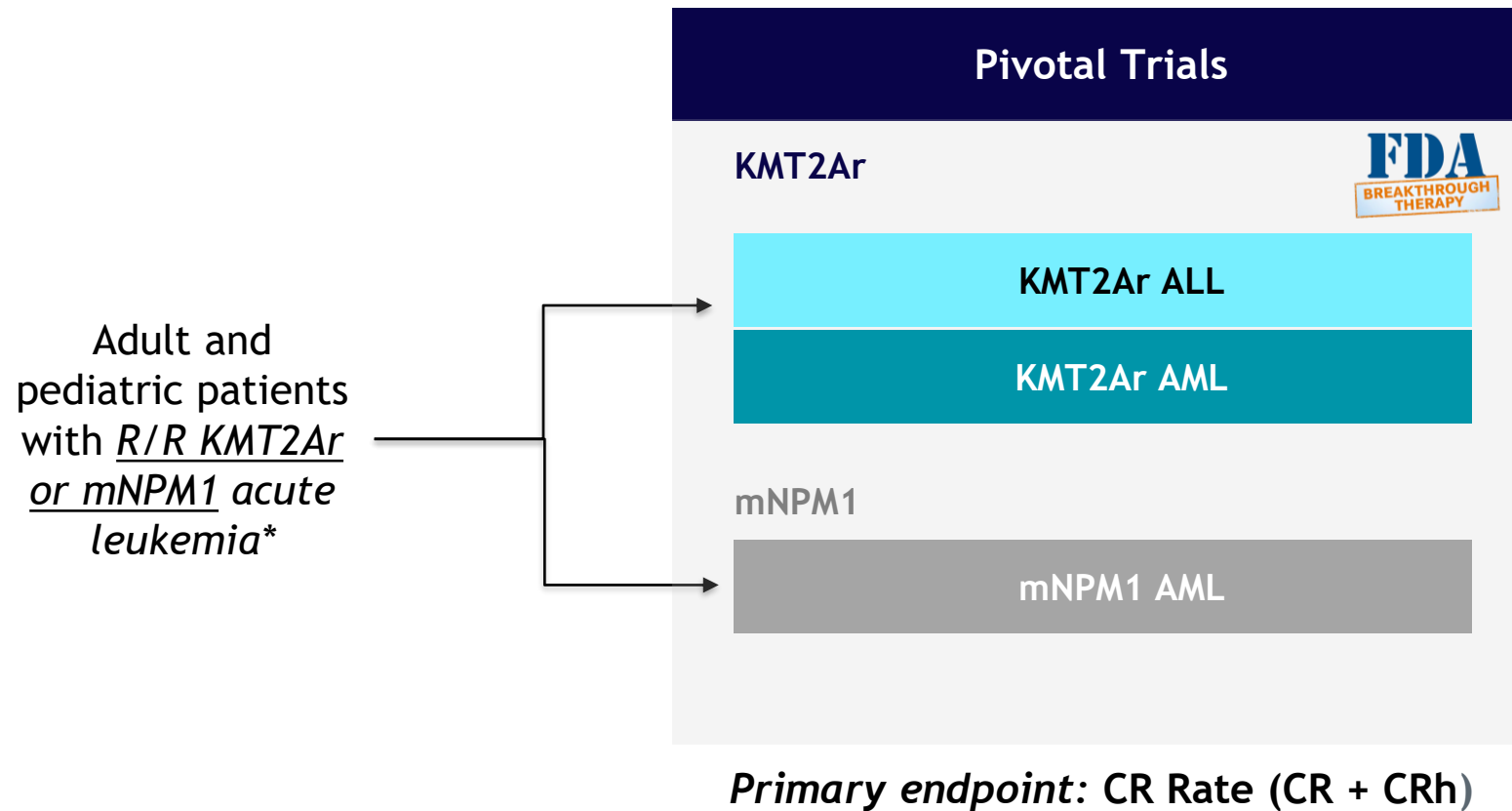
Menin inhibition with revumenib



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Potential to be first menin inhibitor approved

AUGMENT-101 trial assessing revumenib monotherapy in R/R acute leukemia: NDA submission for R/R KMT2Ar expected by year-end



AUGMENT-101 designed to rule out a null-hypothesis of 10% CR/CRh response in pooled R/R KMT2Ar efficacy population

Innovative AUGMENT-101 design accelerates time to NDA for KMT2Ar acute leukemia

2H22	1H23	2H23
 <p>KMT2Ar* AML + ALL</p> <p>Protocol updated to define KMT2Ar AML + ALL as one pooled population</p>	<p>57th patient enrolled in 1Q23 and followed for 6 months</p>	<p>IDMC reviewed KMT2Ar data; recommended stopping KMT2A cohorts for efficacy</p>

KMT2Ar patients enrolled in AUGMENT-101 pivotal trial



- 1 Efficacy evaluable population (n = 57)**
First KMT2Ar* patients dosed with >5% blasts -- followed for 6 months
- 2 Any other patient enrolled prior to data cutoff who received ≥1 dose of revumenib (n = 37)**
- 3 Safety population (n = 94): 1 + 2**

The AUGMENT-101 trial enrolled heavily pretreated R/R KMT2Ar patients

Majority of the patients enrolled in AUGMENT-101 pivotal trial relapsed after salvage therapy

Baseline Characteristics	Efficacy Evaluable n = 57	Safety Population n = 94
Median age, years (range)	34 (1.3,75)	37 (1.3, 75)
Adult, n (%)	44 (77%)	71 (76%)
Pediatric, n (%)	13 (23%)	23 (25%)
Female, n (%)	33 (58%)	56 (60%)
Leukemia type, n (%)		
AML	49 (86%)	78 (83%)
ALL	7 (12%)	14 (15%)
MPAL	1 (2%)	2 (2%)
Disease Status at Baseline, n (%)		
Refractory relapse	32 (56%)	54 (57%)
Median prior therapies (range)	2.0 (1, 11)	2.0 (1, 11)
Stem cell transplant, n (%)	26 (46%)	47 (50%)
Venetoclax, n (%)	41 (72%)	61 (65%)

AUGMENT-101 pivotal data: Establishes compelling efficacy in KMT2Ar acute leukemia

Best Response	Pooled Efficacy n = 57 (%)	AML Efficacy n = 49 (%)
Overall Response Rate ¹	36 (63%)	32 (65%)
CR/CRh (95% Conf. interval); p-value ²	13 (23%) (12.7, 35.8); 0.0036	12 (24.5%)
CR	10 (18%)	9 (18%)
CRh	3 (5%)	3 (6%)
CRp	11 (19%)	9 (18%)
CRi	1 (2%)	1 (2%)
MLFS	10 (18%)	10 (20%)
PR	1 (2%)	--
MRD ^{neg} rate among CR/CRh ³	7/10 (70%)	6/9 (67%)

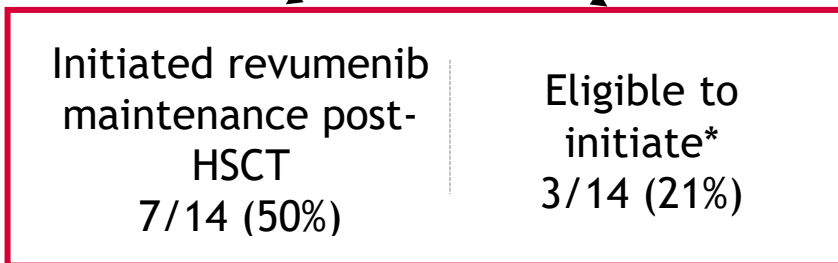
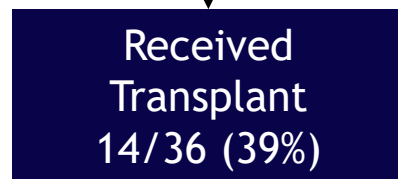
1) ORR = CR+CRh+CRp+CRi+MLFS+PR; 2) 1-sided p-value; 3) 10 of 13 patients with MRD status available

6.4-month median duration of CR/CRh with 6/13 remaining in response at time of the data cutoff

- ~ **2/3** of patients respond to therapy
- Deep, durable CR/CRh in both the overall and AML efficacy evaluable populations

Potential to change the treatment paradigm: post-transplant maintenance in late-stage KMT2Ar

Current benchmark: < 5% R/R KMT2Ar patients taken to transplant¹



* Per-protocol, patients can initiate maintenance 30 to 180 days post-HSCT

8/14 (57%) patients taken to transplant without achieving CR/CRh

71% of patients transplanted received or remain eligible to choose post-transplant maintenance as of the data cutoff

– Longest followed patient initiated cycle 8 of post-transplant maintenance

Revumenib enables physicians to aggressively treat KMT2Ar:

1. Drives high levels of deep, durable response
2. Supports use of potentially curative HSCT followed by revumenib post-transplant maintenance

Safety profile observed among R/R KMT2Ar acute leukemia patients enrolled in AUGMENT-101 pivotal trial consistent with previously reported data

Any-grade treatment-related AEs ($\geq 20\%$)	Safety Population n = 94
Patients with ≥ 1 treatment-related AE, n (%)	77 (81.9)
Nausea	26 (28)
Differentiation syndrome	25 (27)
Electrocardiogram QT prolonged	22 (23)

- Only 6% of patients discontinued due to treatment-related adverse events
- No patients discontinued for DS or QT prolongation
- No Grade 4 or 5 QT prolongation
- One Grade 4 and no Grade 5 DS

\geq Grade 3 treatment-related AEs observed in ≥ 2 patients	Safety Population n = 94
Patients with \geq Grade 3 treatment-related AE, n (%)	51 (54)
Differentiation syndrome	15 (16)
Electrocardiogram QT prolonged	13 (14)
Febrile neutropenia	13 (14)
Anemia	11 (12)
Platelet count decreased	10 (11)
Neutrophil count decreased	9 (10)
WBC decreased	7 (7)
Thrombocytopenia	5 (5)
Neutropenia	4 (4)
Nausea	3 (3)

Revumenib could provide significant benefit in mNPM1 and KMT2Ar acute leukemias across the treatment paradigm

Initial data supporting combinability with venetoclax and chemo-based regimens to be presented in 4Q



Revumenib Clinical Development Program (KMT2Ar and mNPM1 Acute Leukemias)

Pivotal

AUGMENT-101
Rev Monotherapy
Ongoing

Phase 1/2

BEAT AML
Rev + Ven/Aza
Ongoing

INTERCEPT
Rev Monotherapy Tx
Ongoing

AUGMENT-102
Rev + Chemo
Ongoing

Rev + Intensive
Chemo "7+3"

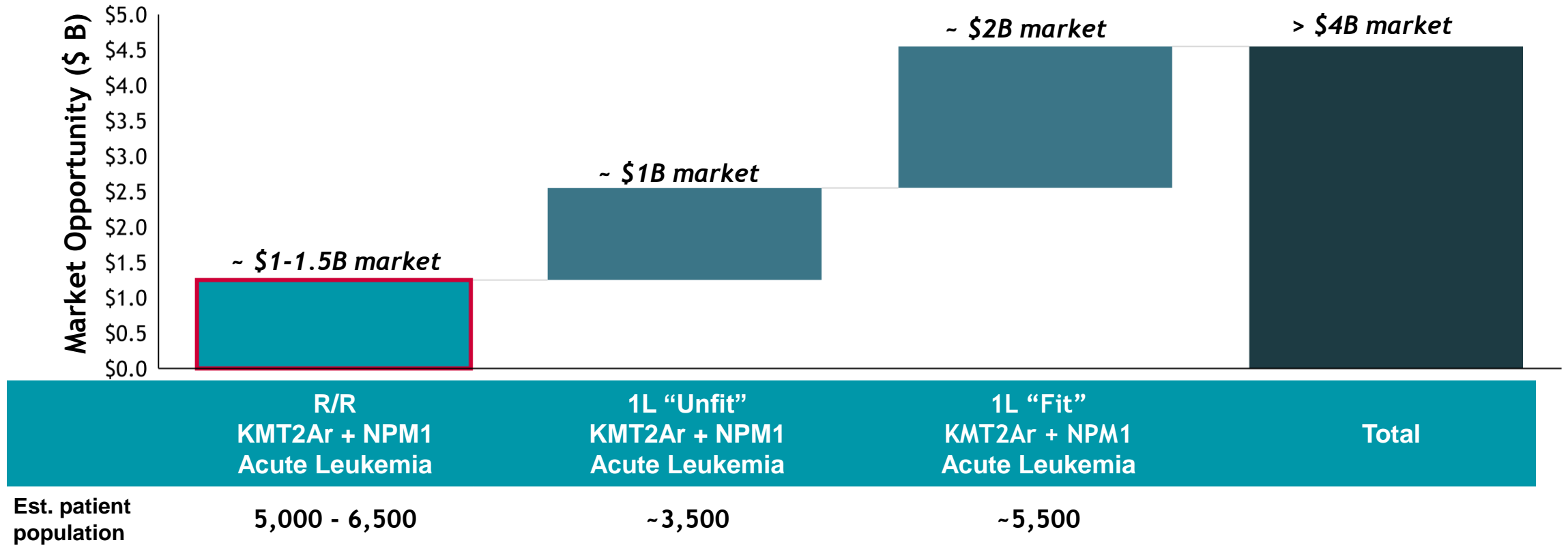
Starting YE 2023

Maintenance

SAVE
Rev + Ven + INQOVI®
Ongoing

Revumenib's profile supports use as backbone therapy across treatment continuum – providing access to >\$4B US market opportunity

Significant growth potential with indications in earlier lines of treatment



Revumenib: first-in-class drug with blockbuster potential in acute leukemia



Targets highest mutational frequency

- Target population represents 35-40% of AML, 10-15% of ALL, a global incidence >25,000 patients



Excellent benefit-risk profile

- Well tolerated and achieves high rates of *MRD-negative* responses – supporting broad labeling and long-term use
- Consistent safety and efficacy profile across the ~250 patients treated in AUGMENT-101



First & best in a >\$4B market

- Potential for first age- and disease-agnostic approval in acute leukemia on track for 2024 with mNPM1 to potentially follow in 2025
- Early data support use as maintenance agent and promise as potential combination partner

Expected upcoming milestones for revumenib

- ▶ Present full AUGMENT-101 results at an upcoming medical meeting
- ▶ NDA submission in R/R KMT2Ar acute leukemia by year-end 2023
- ▶ Initiate a combination trial with intensive chemo (7+3) by year-end 2023
- ▶ Additional data from ongoing revumenib studies in 4Q23
- ▶ Enrollment completion of mNPM1 cohort by year-end 2023
- ▶ Commercial readiness for potential 2024 launch for KMT2Ar

Syndax on cusp of significant transformation with value-creating milestones ahead



Oncology innovator with proven ability to successfully advance novel, differentiated cancer programs



Innovative pipeline with strong potential to deliver meaningful clinical benefits to address a large unmet need



Poised to generate strong near- and long-term value creation with two potential first- and best-in-class targeted hematology medicines addressing significant market opportunities starting in 2024



Future built on commercialization, pipeline expansion opportunities and balance sheet strength



