

Determined to realize a future in which people with cancer live longer and better than ever before



CORPORATE PRESENTATION | MARCH 2022

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2021: Transformative year for Syndax



Initiated AGAVE-201 and AUGMENT-101 pivotal trials



Signed global partnership with Incyte for axatilimab



Presented robust data for SNDX-5613 & axatilimab at ASH



Completed \$86.5 M financing

High value growth through pipeline development and continued asset acquisition

SNDX-5613: Menin-MLL disruption

Expand beyond R/R acute leukemia

- Pivotal trials (AUGMENT) ongoing in NPM1 / MLLr acute leukemia
- Initiate combo trials (ven/aza, chemo), explore maintenance

Axatilimab: Anti-CSF-1R

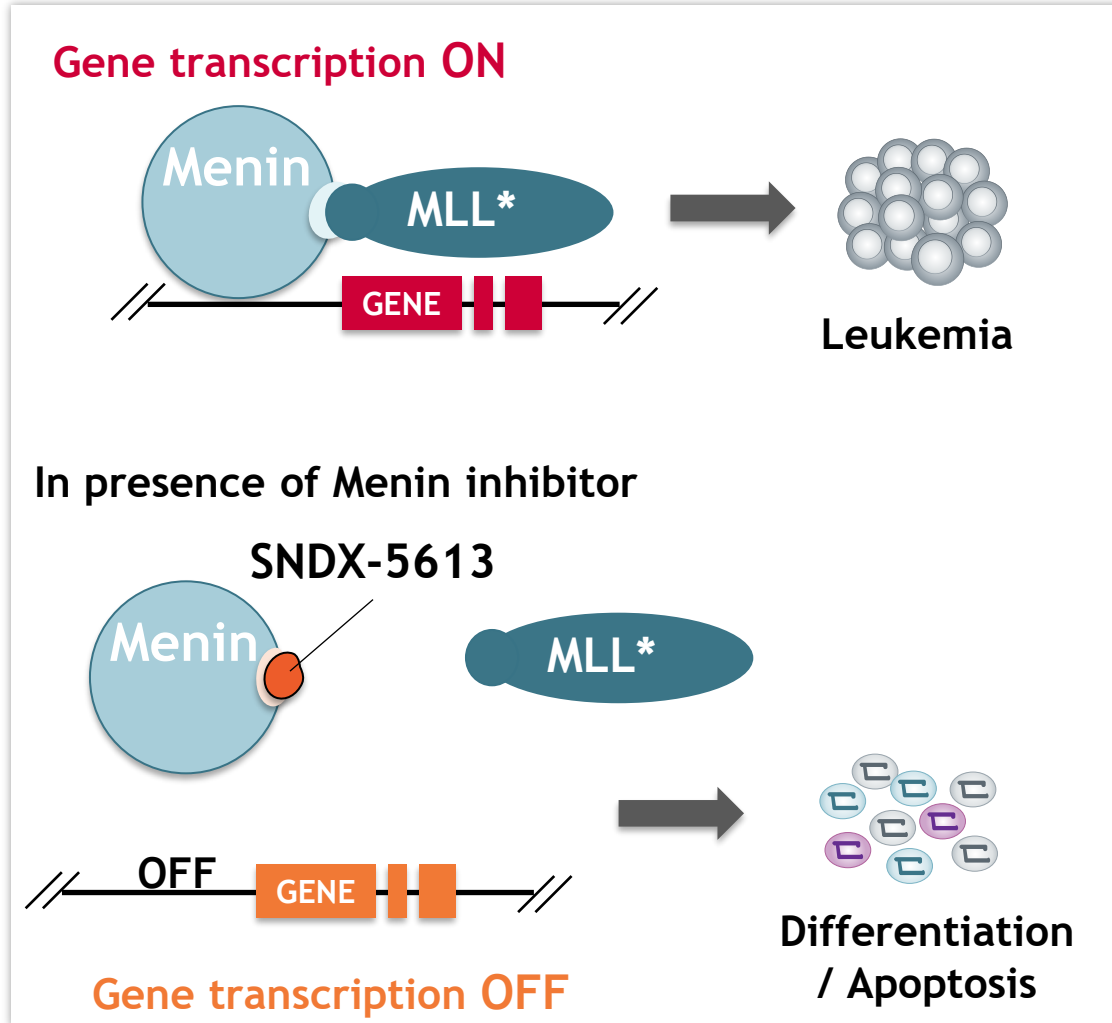
Expand into earlier lines of cGHVD and fibrotic disease

- Pivotal (AGAVE) trial ongoing
- Initiate Phase 2 IPF trial
- Est. Incyte global partnership with 50:50 US profit split

Pipeline expansion

- Expand pipeline through BD
 - Targeting assets in late pre-clin to Phase 1
 - Strong balance sheet to support BD efforts

SNDX-5613 turns off leukemic transcriptional programs offering potential therapeutic option in patients with clear need



MLLr and mNPM1 Acute Leukemia

Annual global incidence ~25,000

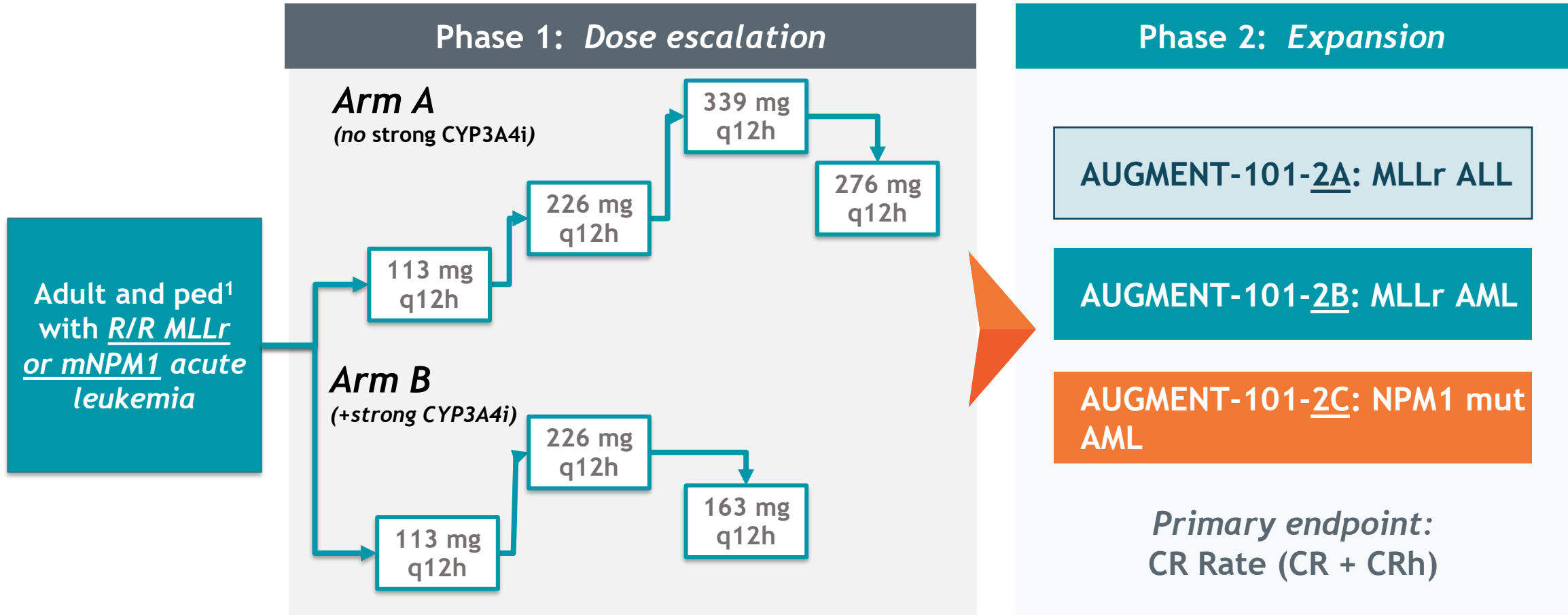
35-40% AML

10-15% ALL

- 5-year OS for Adult MLLr <25%
- 5-year OS for Adult NPM1c AML 50%
- Known NPM1c co-mutations offer rational combination approaches

Both subtypes readily diagnosed

AUGMENT-101: Phase 1/2 trial of SNDX-5613, in patients with acute leukemia



Oral presentation of results from Phase 1 portion presented at ASH on 12/13/21

¹Allows patients ≥30 days of age; Abbreviations: MLLr = mixed lineage leukemia rearranged; mNPM1 = mutated nucleophosmin

SNDX-5613 was well-tolerated across all doses

Any-grade treatment-related AE (≥5%)	Safety Pop n=59
	All Grade
≥1 treatment-related AE, n(%)	46 (78)
ECG QTc prolonged	29 (49)
Nausea	16 (27)
Vomiting	10 (17)
Differentiation syndrome	8 (14)
Diarrhea	7 (12)
Dysgeusia	5 (8)
Decreased appetite	4 (7)
Fatigue	3 (5)
Hyperphosphatemia	3 (5)
Neutropenia	3 (5)
Thrombocytopenia	3 (5)

≥Grade 3 treatment-related AE	Safety Pop n=59
≥Gr 3 treatment-related AE, n(%)	11 (19)
ECG QTc prolonged	7 (12)
Diarrhea	2 (3)
Anemia	1 (2)
Asthenia	1 (2)
Fatigue	1 (2)
Febrile neutropenia	1 (2)
Hypokalemia	1 (2)
Neutropenia	1 (2)
Thrombocytopenia	1 (2)
Tumor lysis syndrome	1 (2)

7% of pts (3/43) reported Gr 3 QTc prolongation at doses meeting criteria for RP2D

Data cutoff: 18Oct2021

SNDX-5613 demonstrates promising antileukemic activity in relapsed/refractory MLLr and mNPM1 leukemias

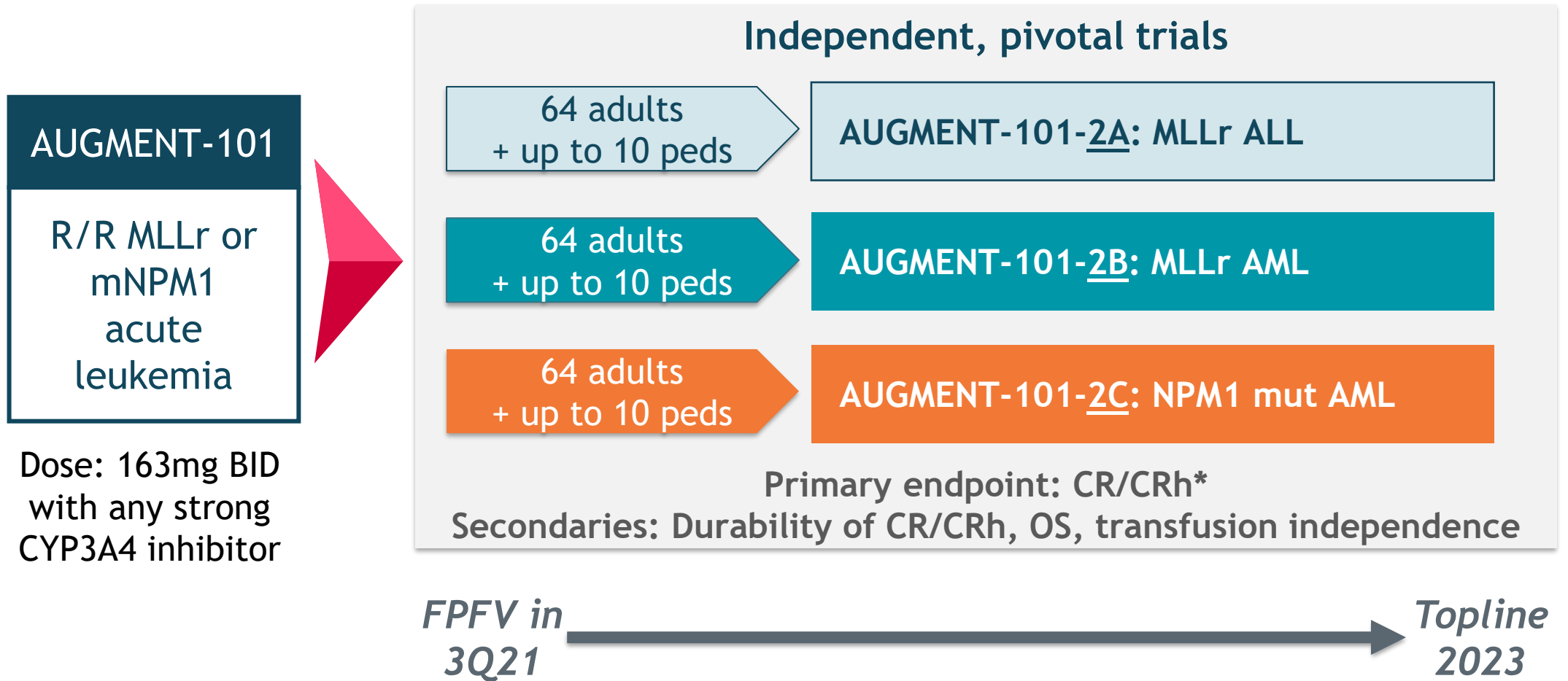
Best Response		Efficacy Population n = 51 (%)
Response	Overall Response Rate¹	28/51 (55%)
	CR	8 (16%)
	CRh	4 (8%)
	CRp	7 (14%)
	MLFS	9 (18%)
MRD ^{neg}	CRc MRD^{neg} Rate²	16/51 (31%)
	within CR/CRh MRD ^{neg}	11/12 (92%)
	within CR/CRh/CRp MRD ^{neg}	16/19 (84%)
MLLr	Overall Response Rate¹	23/38 (61%)
	CR/CRh	9/38 (24%)
mNPM1	Overall Response Rate¹	5/13 (38%)
	CR/CRh	3/13 (23%)

**CR/CRh
12 (24%)**

¹Overall Response Rate = CR + CRh + CRp + MLFS; ²CR + CRh + CRp; MRD status assessed locally by PCR or MCF

Data cutoff: 18Oct2021

AUGMENT-101 registration trials underway in 3 distinct patient populations

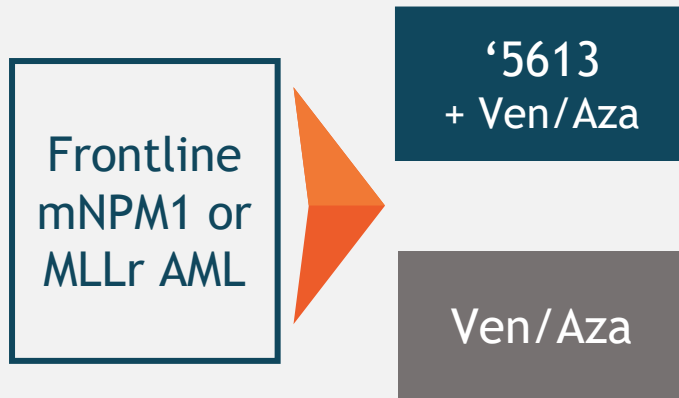


* Patients taken to HSCT can restart treatment with SNDX-5613 post-Transplant

Trials testing expanded opportunities for SNDX-5613 to initiate in 1H22

BEAT-AML: Frontline Ven/Aza combo

Phase 1/3; Frontline
mNPM1 or MLLr AML
SNDX-5613 + Ven/Aza

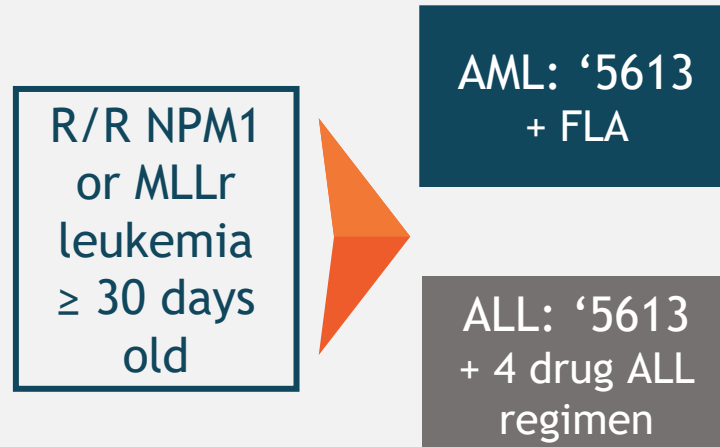


Primary Endpoints:

- RP2D of combo
- CR/CRh rate, MRD- rate, OS

AUGMENT-102: R/R Chemo combo

Phase 1; Relapsed or refractory
mNPM1 or MLLr AML/ALL
SNDX-5613 + chemo

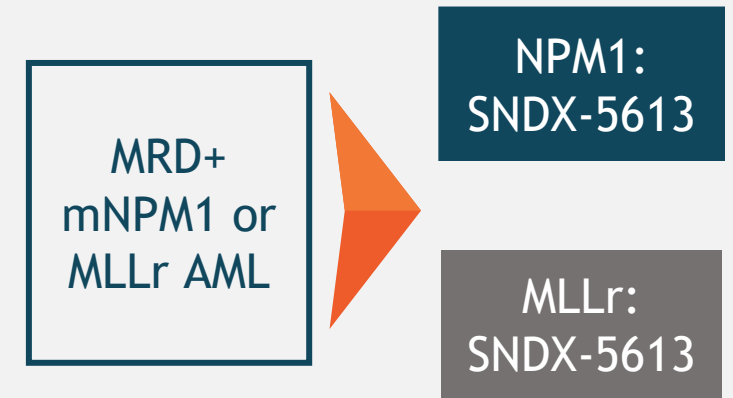


Primary Endpoints:

- Safety, tolerability, RP2D of combo

INTERCEPT: MRD-progression in AML

Phase 1; MRD positive
mNPM1 or MLLr AML
SNDX-5613 monotherapy



Primary Endpoints:

- MRD- rate

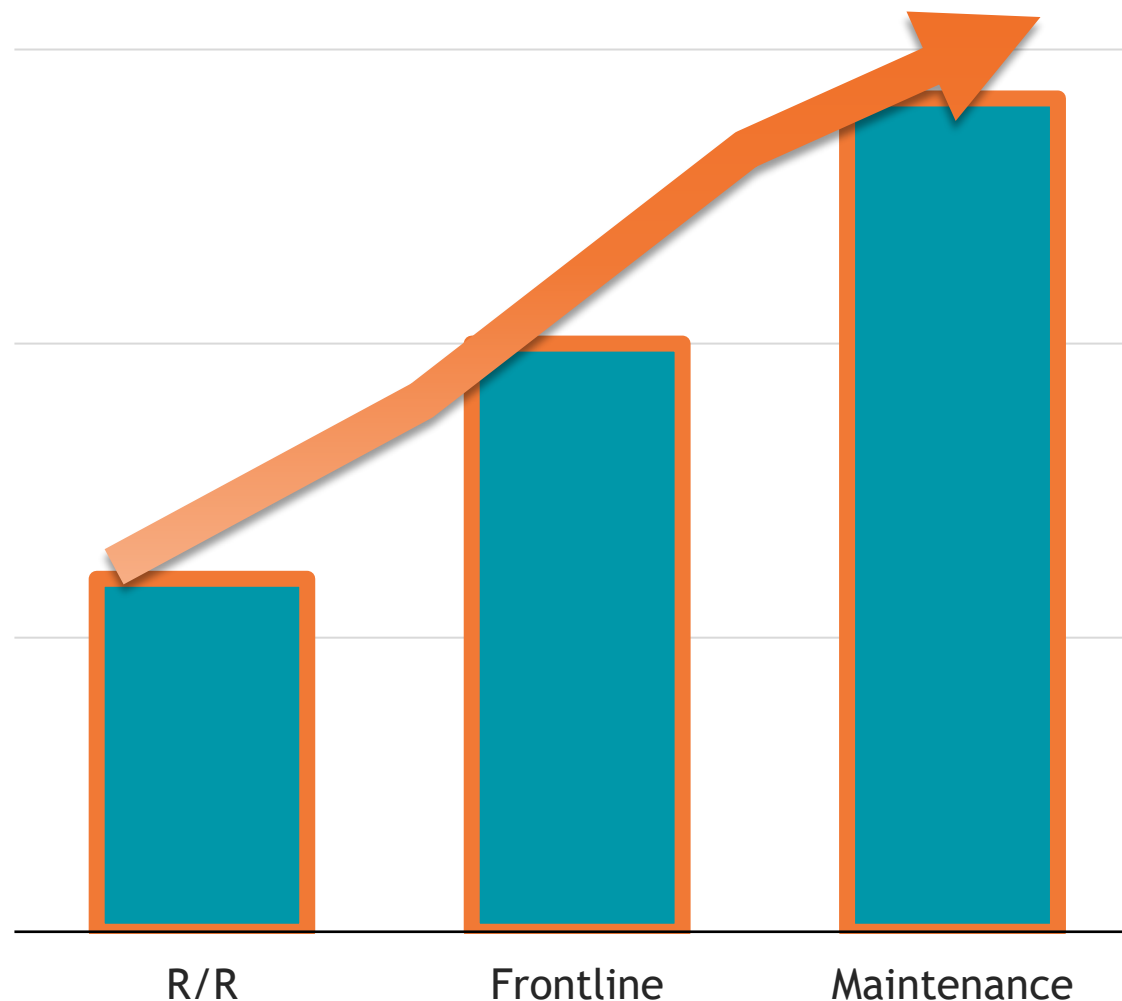
SNDX-5613: moving into frontline meaningfully expands market potential with additional patients and increasing duration of Tx

Potential best/first-in-class agent

- Clear efficacy in refractory, advanced NPM1 and MLLr acute leukemia
- High percentage of MRD negative responses

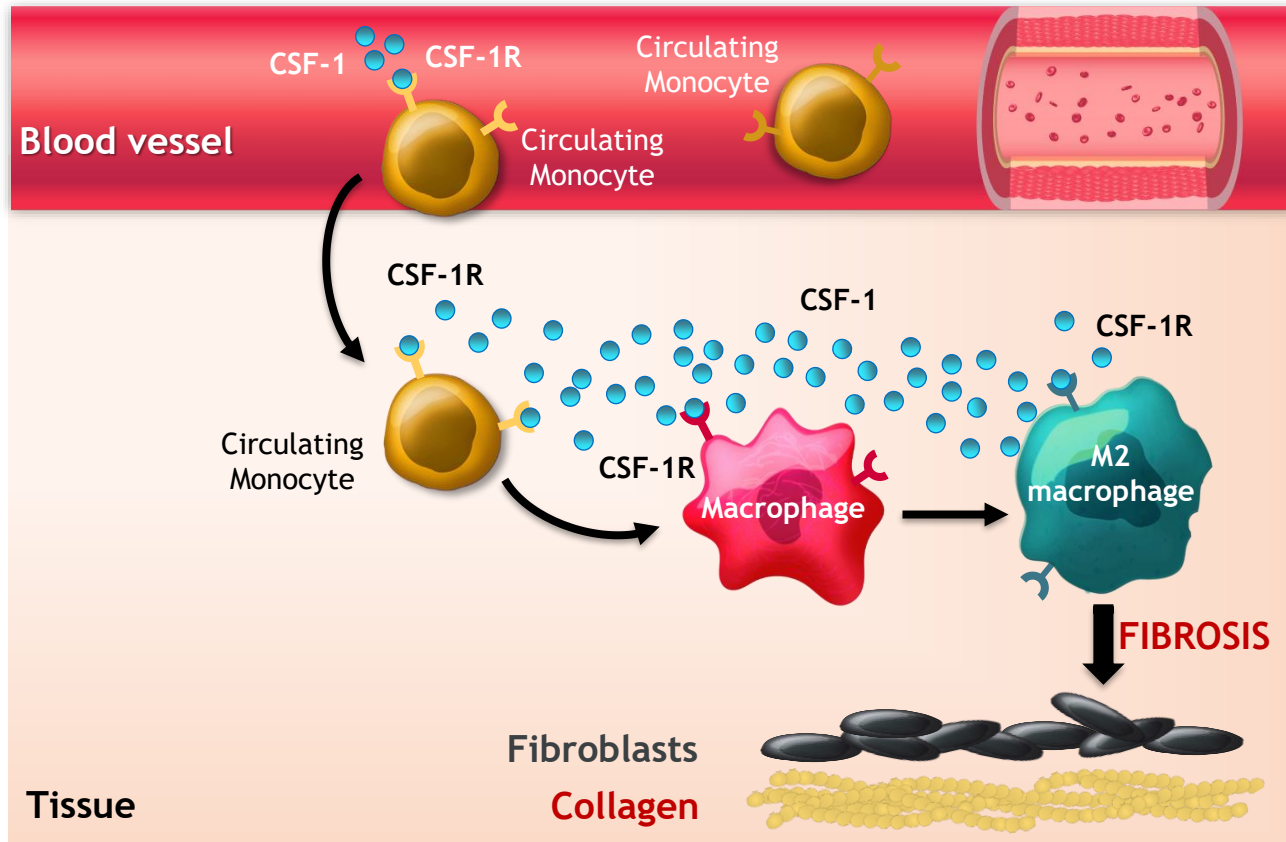
Profile supports use in frontline and maintenance

- Well-tolerated safety profile, no discontinuations due to treatment related AE
- Preclinical data supports combos with venetoclax¹, chemotherapy²
- Pediatric formulation established



1. Carter, B., et al., Blood 2021, 2. Data on file

Axatilimab inhibition reduces pathogenic monocytes and macrophages



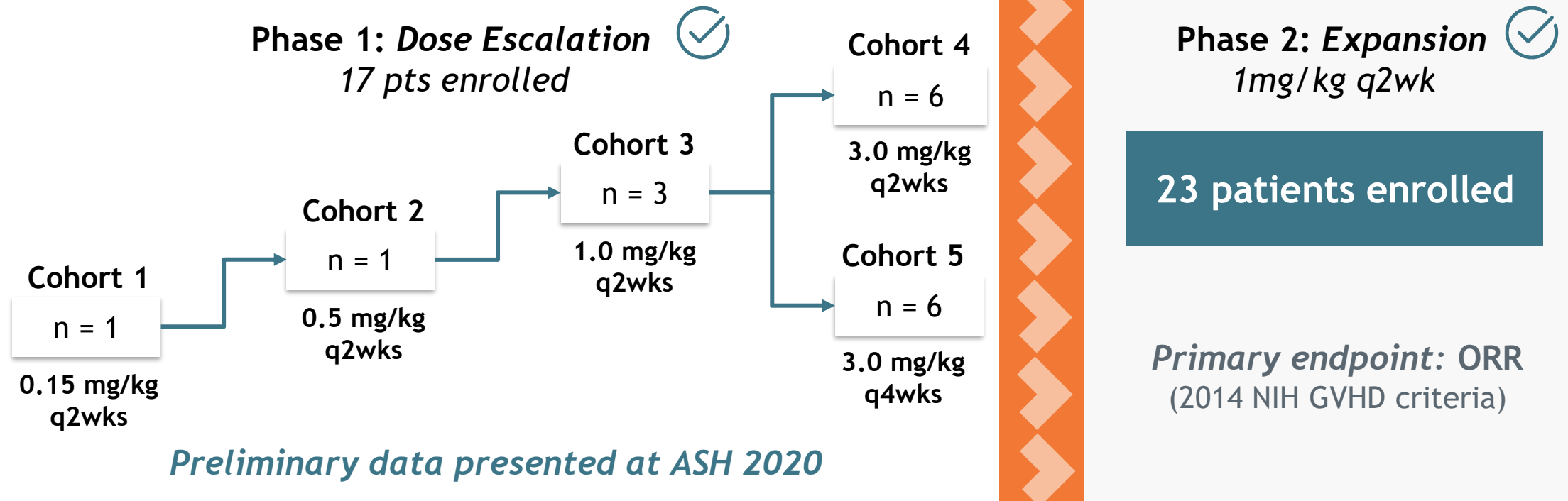
Chronic graft versus host disease:

- Develops in 40% of HSCT¹; estimated US prevalence ~14,000²
- Immune mediated systemic disease with inflammatory and fibrotic features
- Manifests in multiple organs, with skin and lung being most common
- Preclinical models suggest symptoms driven by CSF-1 dependent circulating monocytes and macrophage

1. SMARTAnalyst 2020 cGVHD report; 2. Bachier, CR., ASH 2019 abstract #2109. Figure Adopted from MacDonald, K.P.A. et al., BLOOD, 5 (129) 13-21; HSCT - Hematopoietic stem cell transplantation.

Axatilimab: CSF-1R mAb with potential best-in-class profile

Enrolled cGVHD pts progressed on 2 or more prior therapies



Oral presentation of results for all Phase 1/2 patients presented at ASH on 12/11/21

Incidence of related AEs demonstrates tolerability

All related Grades in $\geq 20\%$

	1mg/kg Q2W n=26	3 mg/kg Q4W n=6	All patients N=40
Related TEAE, n (%)	17 (65)	5 (83)	29 (73)
AST increased	6 (23)	3 (50)	14 (35)
CPK increased	3 (12)	4 (67)	13 (33)
ALT increased	3 (12)	2 (33)	10 (25)
Lipase increased	3 (12)	3 (50)	9 (23)
Amylase increased	4 (15)	--	9 (23)
Fatigue	6 (23)	2 (33)	12 (30)
Periorbital edema	3 (12)	3 (50)	8 (20)

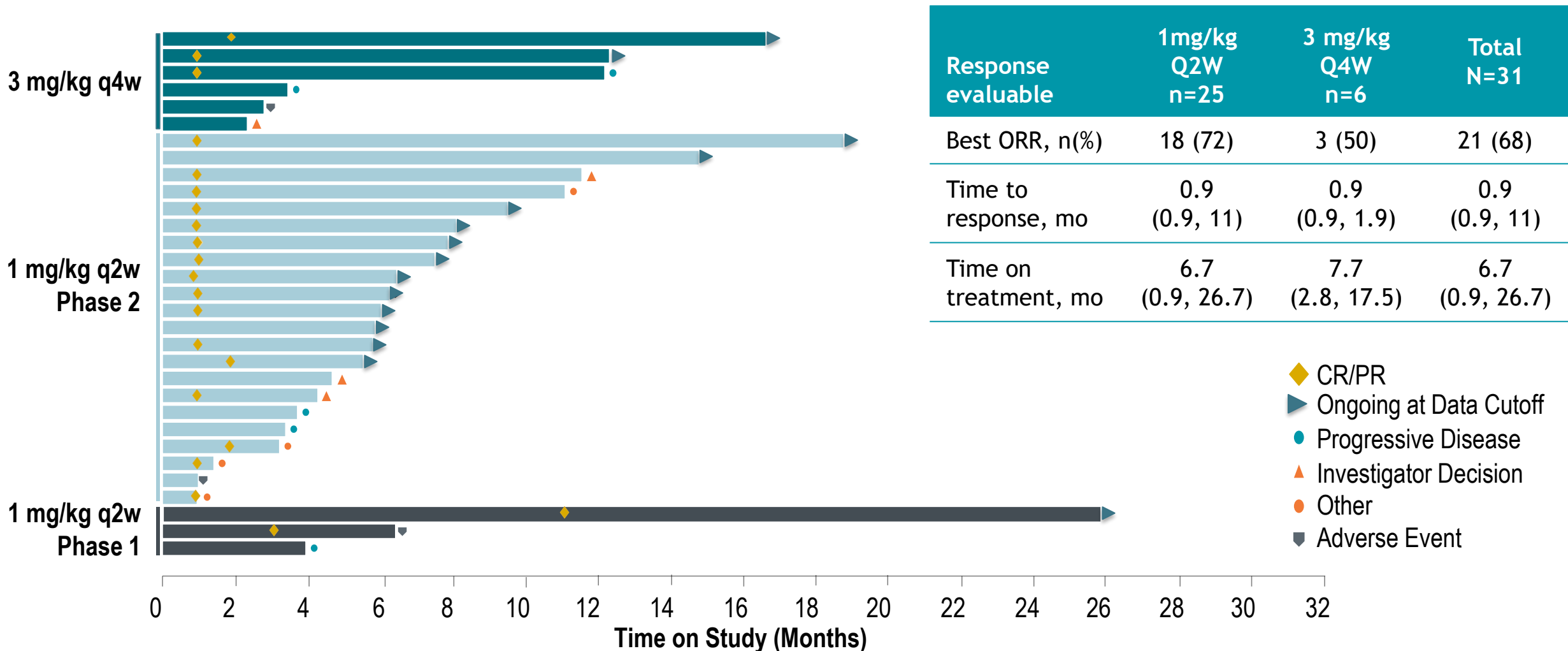
All related Grade 3/4

	1mg/kg Q2W n=26	3 mg/kg Q4W n=6	All patients N=40
Related Gr 3/4 TEAE, n (%)	2 (9)	2 (33)	8 (20)
CPK increased	--	1 (17)	3 (8)
Lipase increased	--	1 (17)	2 (5)
Hypersensitivity	1 (4)	--	1 (3)
Periorbital edema	--	1 (17)	1 (3)
Septic arthritis	1 (4)	--	1 (3)

- Serum enzyme elevations likely reflect on-target effect of axatilimab on Kupffer cells in the liver
- No evidence of end-organ damage, myositis/pancreatitis with enzyme elevations

Data cutoff 22Oct2021; extract is from an active database

Rapid and durable responses in doses advanced to pivotal trial



¹ Inclusive of patients treated in Phase 1 (1mg/kg Q2W n=3, 3mg/kg Q4W n=6) and Phase 2 (1mg/kg Q2W n=23) ²One patient did not have a post-baseline response assessment at time of data cutoff.

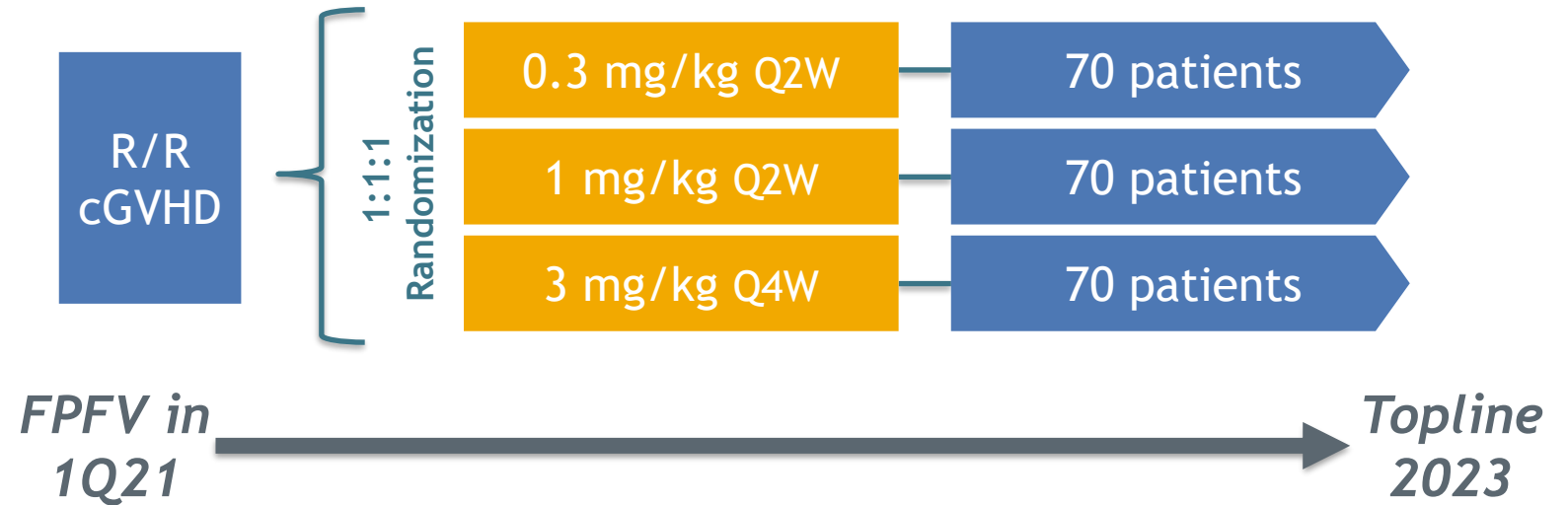
Abbreviation: CR=complete response, PR=partial response, Q=every; Data cutoff 22Oct2021; extract is from an active database



AGAVE-201 : ongoing global pivotal trial for Axatilimab in chronic GVHD

Inclusion criteria:

- 2 years and older¹
- Recurrent or refractory active cGVHD after at least 2 lines of systemic therapy

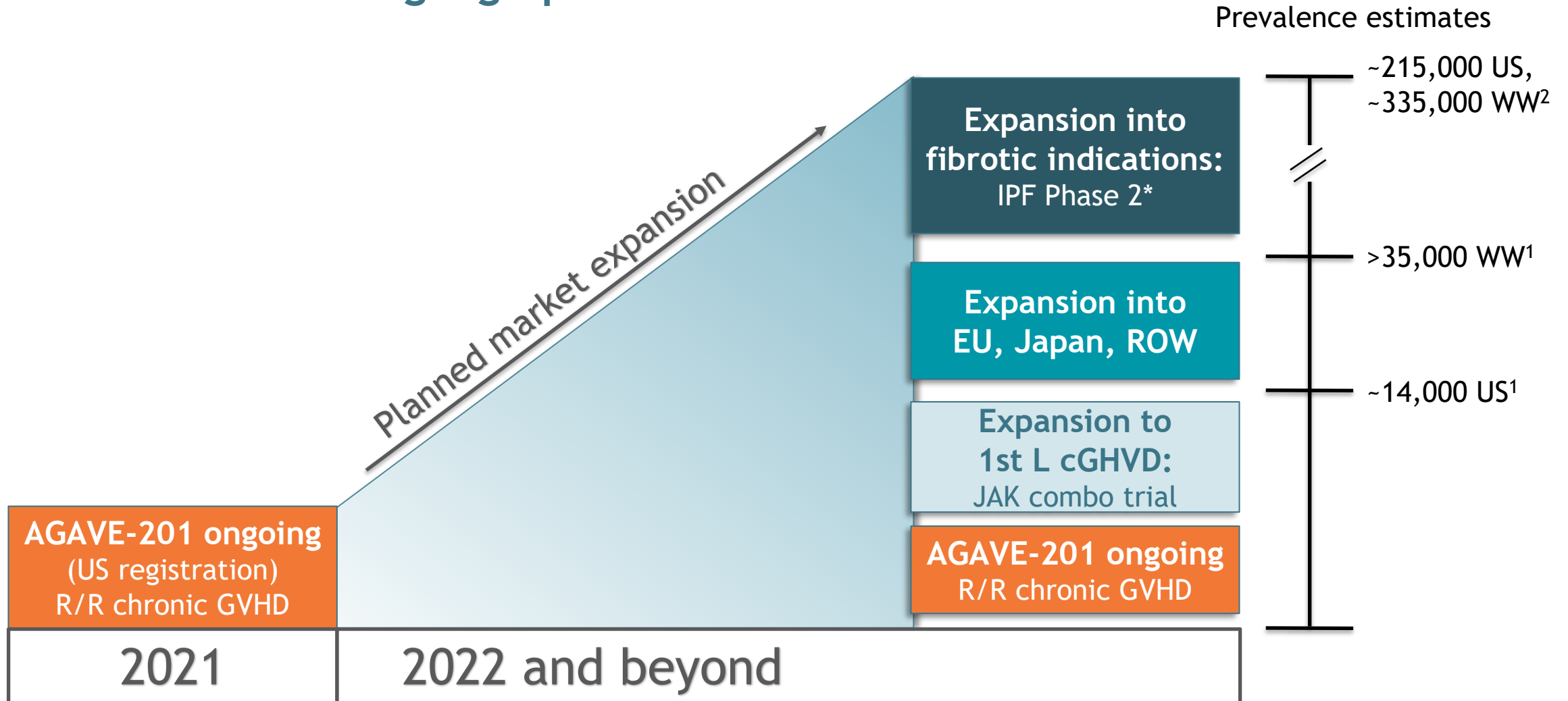


Primary Endpoint: Objective Response Rate (ORR) by 2014 NIH GVHD Criteria

Key Secondaries: Duration of response, improvement in modified Lee Symptom Scale

¹Age inclusion criteria varies by country

Partnership with Incyte enables expansion into additional high value indications and new geographies



1. SmartImmunology Insights cGVHD report March 2020; 2. SmartImmunology Insights IPF report March 2020.

* IPF trial will be conducted and funded by Syndax

Business development: core strength of our business

Active search for late pre-clin / phase 1
targeted oncology assets

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Established relationships enhance
identification and access to quality assets

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Expertise in translational medicine and
clinical development enables competitive
advantage

Proven ability to build the pipeline

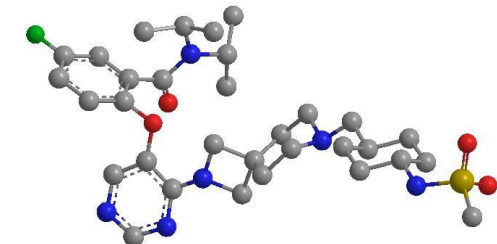
From UCB

Axatilimab



From Allergan/Vitae

Menin-MLL
inhibitors



Financial highlights, 1Q 2022 and FY 2022 financial guidance

Ticker	SNDX (NASDAQ)	
Cash and short-term investments (as of December 31, 2021)	\$439.9 million	
Shares Outstanding* (as of December 31, 2021)	59.0 million	
2022 Operating Expense Guidance		
	Q1 2022	FY 2022
Research and Development	\$30-35 million	\$130-140 million
Total Operating Expenses [^]	\$38-42 million	\$160-170 million

* Includes 55.0 million common shares and pre-funded warrants to purchase 4.0 million common shares;

[^] Includes ~\$14 million non-cash stock compensation expense for the full year

Thank you. Questions?

Syndax 