



A Commercial-Stage Pharmaceutical Company Pioneering Novel Cancer Therapies

**JP MORGAN 2024 HEALTHCARE
CONFERENCE
January 10, 2024**

Richard Paulson
Chief Executive Officer

OVERVIEW



Forward-looking Statements and Other Important Information

This presentation contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Such forward-looking statements include those regarding Karyopharm's preliminary financial information for the fourth quarter and full year 2023; Karyopharm's expected cash runway; beliefs about the market opportunity and annual peak revenue opportunities for selinexor; the ability of selinexor or eltanexor to treat patients with multiple myeloma, endometrial cancer, myelofibrosis, myelodysplastic neoplasms, diffuse large B-cell lymphoma, and other diseases; expectations related to future clinical development and potential regulatory submissions of selinexor or eltanexor; expectations with respect to commercialization efforts; submissions to, and the review and potential approval of selinexor, eltanexor or any of its other product candidates by, regulatory authorities, including the Company's regulatory strategy, the anticipated availability of data to support such submissions, timing of such submissions and actions by regulatory authorities and the potential availability of accelerated approval pathways; the expected design of the Company's clinical trials; and the therapeutic potential of and potential clinical development plans for Karyopharm's product candidates, especially selinexor and eltanexor. Such statements are subject to numerous important factors, risks and uncertainties, many of which are beyond Karyopharm's control, that may cause actual events or results to differ materially from Karyopharm's current expectations. For example, there can be no guarantee that Karyopharm will successfully commercialize XPOVIO or that any of Karyopharm's drug candidates, including selinexor and eltanexor, will successfully complete necessary clinical development phases or that development of any of Karyopharm's drug candidates will continue. Further, there can be no guarantee that any positive developments in the development or commercialization of Karyopharm's drug candidate portfolio will result in stock price appreciation. Management's expectations and, therefore, any forward-looking statements in this press release could also be affected by risks and uncertainties relating to a number of other factors, including the following: the adoption of XPOVIO in the commercial marketplace, the timing and costs involved in commercializing XPOVIO or any of Karyopharm's drug candidates that receive regulatory approval; the ability to obtain and retain regulatory approval of XPOVIO or any of Karyopharm's drug candidates that receive regulatory approval; Karyopharm's results of clinical trials and preclinical studies, including subsequent analysis of existing data and new data received from ongoing and future studies; the content and timing of decisions made by the U.S. Food and Drug Administration and other regulatory authorities, investigational review boards at clinical trial sites and publication review bodies, including with respect to the need for additional clinical studies; the ability of Karyopharm or its third party collaborators or successors in interest to fully perform their respective obligations under the applicable agreement and the potential future financial implications of such agreement; Karyopharm's ability to enroll patients in its clinical trials; unplanned cash requirements and expenditures; development or regulatory approval of drug candidates by Karyopharm's competitors for products or product candidates in which Karyopharm is currently commercializing or developing; the direct or indirect impact of the COVID-19 pandemic or any future pandemic on Karyopharm's business, results of operations and financial condition; and Karyopharm's ability to obtain, maintain and enforce patent and other intellectual property protection for any of its products or product candidates. These and other risks are described under the caption "Risk Factors" in Karyopharm's Quarterly Report on Form 10-Q for the quarter ended September 30, 2023, which was filed with the Securities and Exchange Commission (SEC) on November 2, 2023, and in other filings that Karyopharm may make with the SEC in the future. Any forward-looking statements contained in this presentation speak only as of the date hereof, and, except as required by law, Karyopharm expressly disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise. Karyopharm regularly uses its website to post information regarding its business, drug development programs and governance. Karyopharm encourages investors to use www.karyopharm.com, particularly the information in the section entitled "Investors," as a source of information about Karyopharm. References to www.karyopharm.com in this presentation are not intended to, nor shall they be deemed to, incorporate information on www.karyopharm.com into this presentation by reference. Other than the currently approved indications of XPOVIO, selinexor and eltanexor are investigational drugs that have not been approved by the FDA or any other regulatory agency, and the safety and efficacy of these drugs has not been established by any agency.

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Driven to Positively Impact Lives and Defeat Cancer With Life Changing Innovations

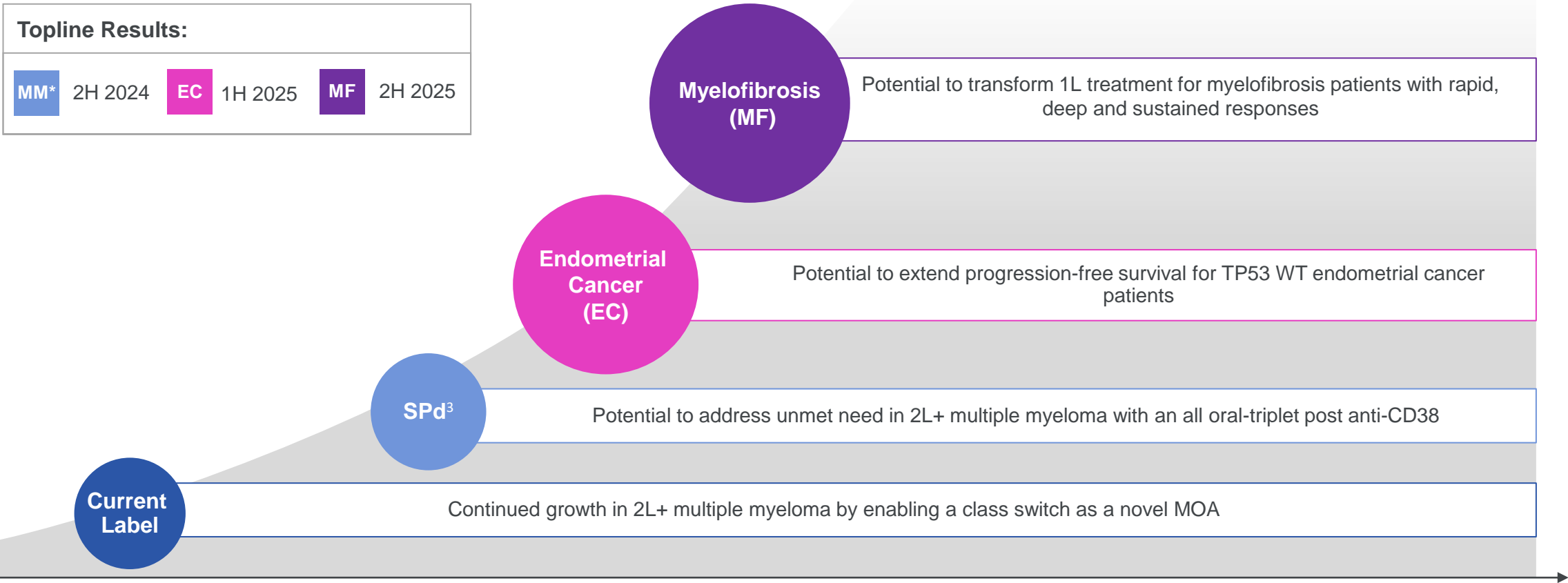
Committed to Driving Value with Next Stage of Growth

Transformative Late-Stage Clinical Development Opportunities	Opportunity to transform standard of care in endometrial cancer and myelofibrosis
Global Commercial Presence with Approvals in over 40 Countries	Established commercialization capabilities and prescriber base to enable successful new launches; 2023 ~ \$146M total revenue ¹
Potential For ~ \$2 Billion Annual Peak U.S. Revenues^{2,3}	XPOVIO potential with Phase 3 studies in multiple myeloma, endometrial cancer and myelofibrosis
Novel & Differentiated MoA. Nuclear Export Inhibition	Proven in multiple myeloma with potential to work in a variety of cancers at lower doses
Strong Financial Position to Deliver 3 Pivotal Studies	Cash position of ~\$192M ¹ with runway estimated into late 2025



Positioned for Success with 3 Pivotal Studies in Indications with Total US Potential of ~\$2B Annual Peak Revenues^{1,2}

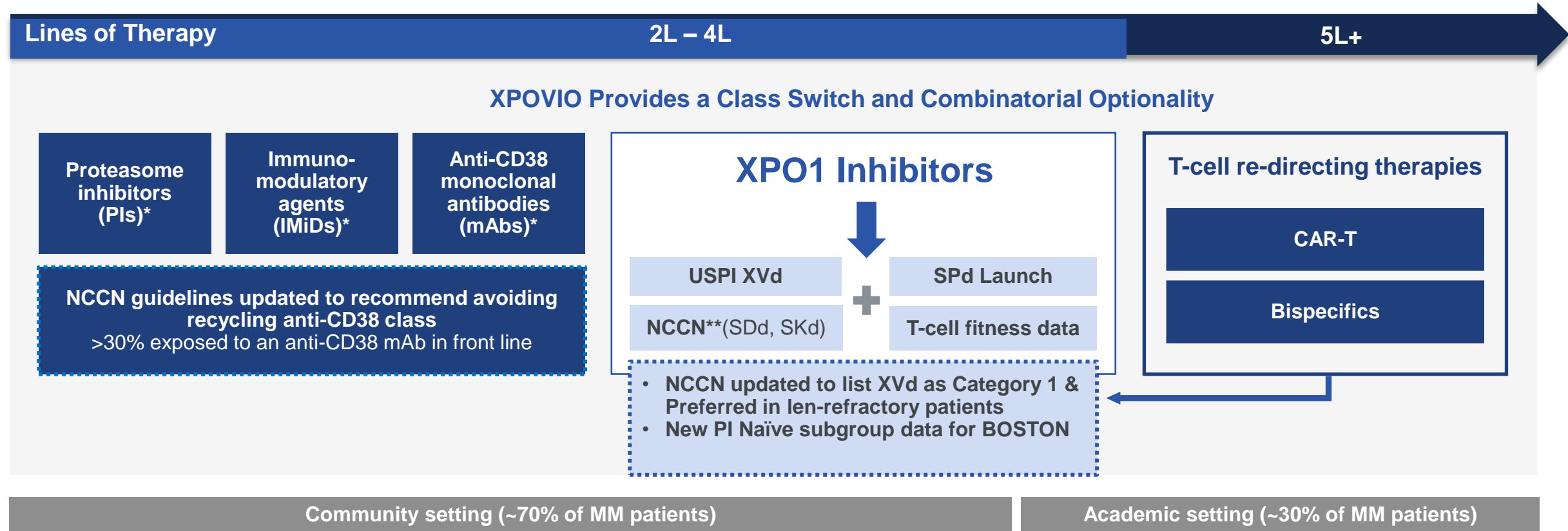
Data Readouts from Selinexor Expected in 2024-2025



1. Includes projected potential selinexor revenues in: JAKi-naïve myelofibrosis, TP53 wild type endometrial cancer and multiple myeloma.
2. Annual U.S. peak revenue opportunity is not guidance, but instead represents what the company believes to be Karyopharm's peak revenue opportunity based on internal estimates, including market research conducted for each indication.
3. Selinexor + pomalidomide + dexamethasone.

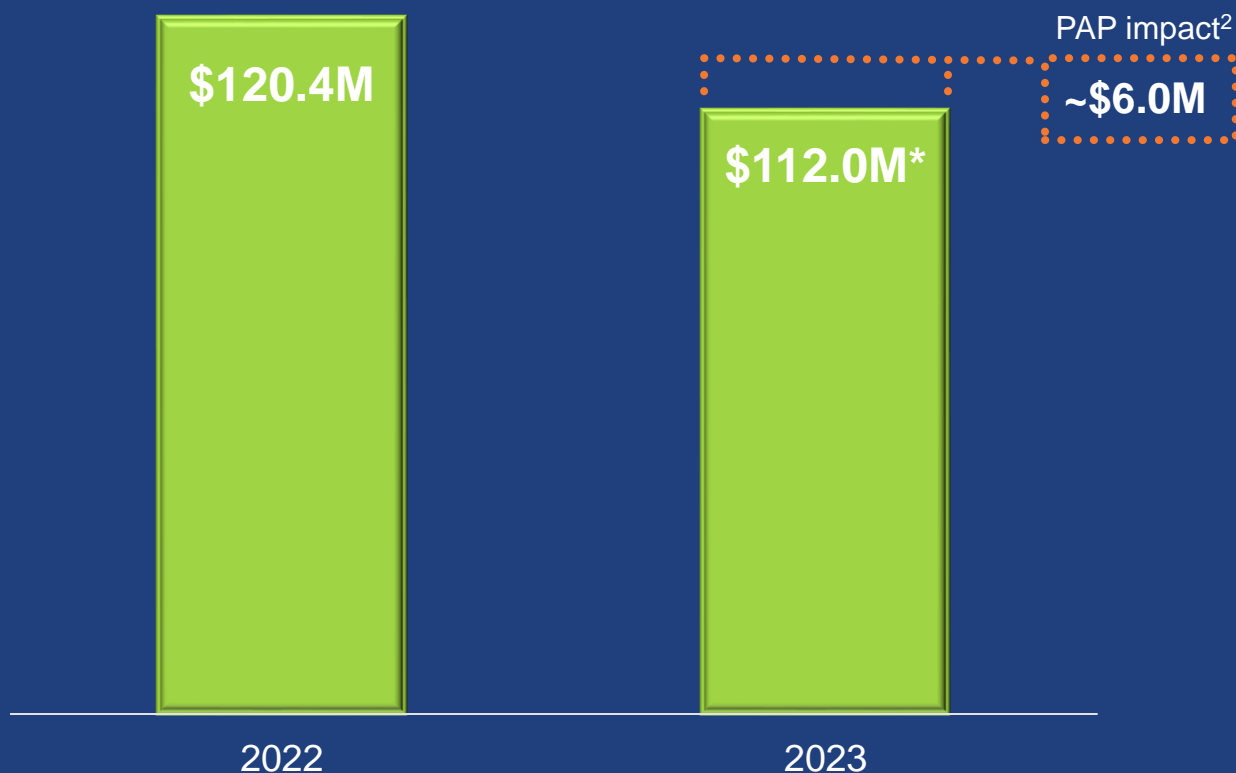
* Multiple myeloma.

Differentiated Position of XPOVIO as a Novel and Effective Class of Therapy in 2-4L MM with Positive NCCN Guideline Updates



XPOVIO combinations other than XVd and Xd will not be promoted by Karyopharm, but may be considered for future indication updates. Safety and efficacy of selinexor in combinations other than XVd and Xd have not been established and have not been approved by the US FDA or any other regulatory authority.

Net Product Revenue in 2023 Driven by Growth in Community, Adversely Impacted by Increase in PAP¹, Higher GTN and Increased Competition



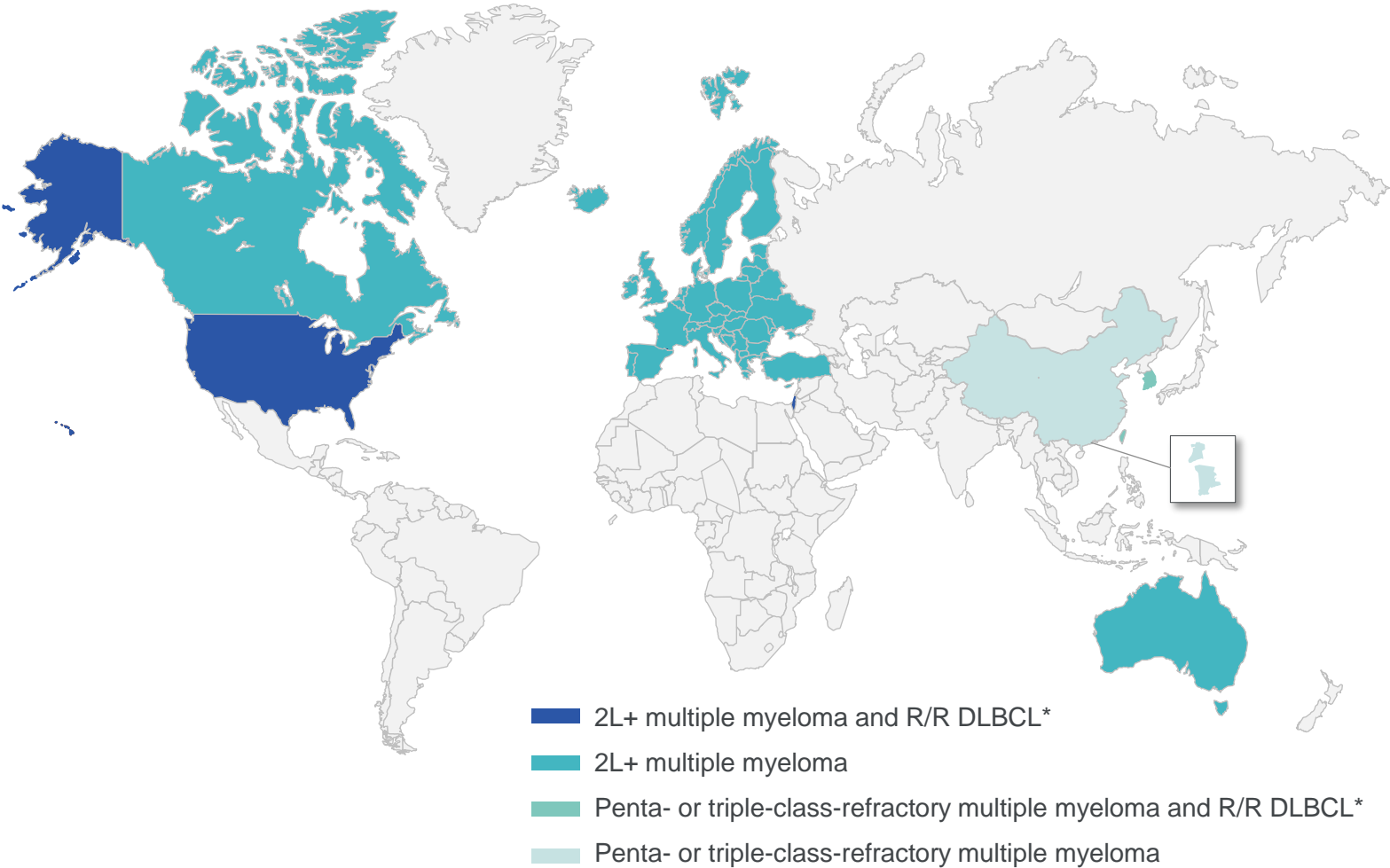
FY 2023 Highlights

- XPOVIO Net Product Revenue of \$112M and \$25M for FY 2023 and Q4 2023, respectively
- Demand³ growth in the community setting, accounting for ~ two thirds of XPOVIO net product revenue
- Demand³ adversely impacted in the academic setting due to increasing competition in 4L+
- 10% PAP contribution to total demand³ in FY 2023 vs 5% in FY 2022 leading to ~\$6M impact due to closure of multiple myeloma foundations
 - In 2024, fewer patients expected to utilize PAP for co-pay assistance due to re-design of Part D benefits
- Continued shift in XPOVIO new patient mix to 2-4L, approaching 70%, as compared to 55% in 2022, with favorable impact on duration

Global Launches to Continue in 2024 Building On XPOVIO® /NEXPOVIO®

Approvals in Over 40 Countries with Potential to Expand Across Multiple Indications

Country/Region	Indication(s)	Partner
Approvals		
United States	<div></div>	—
Europe ¹	<div></div>	Menarini
UK	<div></div>	Menarini
Mainland China	<div></div>	Antengene
South Korea	<div></div>	Antengene
Australia	<div></div>	Antengene
Singapore	<div></div>	Antengene
Canada	<div></div>	Forus
Israel	<div></div>	Neopharm
Taiwan	<div></div>	Antengene
Hong Kong	<div></div>	Antengene
Macau	<div></div>	Antengene



* DLBCL approved in the U.S. under accelerated approval pathway
1. The 27 countries comprising the European Union, plus Iceland, Norway, Northern Ireland and Lichtenstein.

Reshma Rangwala, MD, PhD
Chief Medical Officer

PIPELINE UPDATE



Nucleus

Nuclear pore complex

XPO1

RAN-GTP

RNA binding adaptor (e.g., eIF4E)

Cytoplasm

Protein cargoes: e.g., tumor suppressor proteins and growth regulators like p53, p27, or FOXO family proteins^{1,2}

RAN-GDP (GTP hydrolysis)

RAN-GDP (GTP hydrolysis)

RNA cargoes: e.g., oncoprotein mRNA like MYC³

Exportin 1 (XPO1) transports proteins and protein-RNA complexes out of the nucleus

Adapted from Azizian NG, et al (2020)

Selinexor and Eltanexor (SINE compounds) selectively inhibit nuclear export by binding XPO1

1. Increases nuclear levels of **tumor suppressor proteins** and their activation^{4,5}
2. Traps **oncoprotein mRNA** in the nucleus, leading to reduced oncoprotein levels⁶
3. Retains **activated glucocorticoid receptor** in the nucleus, leading to altered expression of genes involved in inflammatory pathways⁷

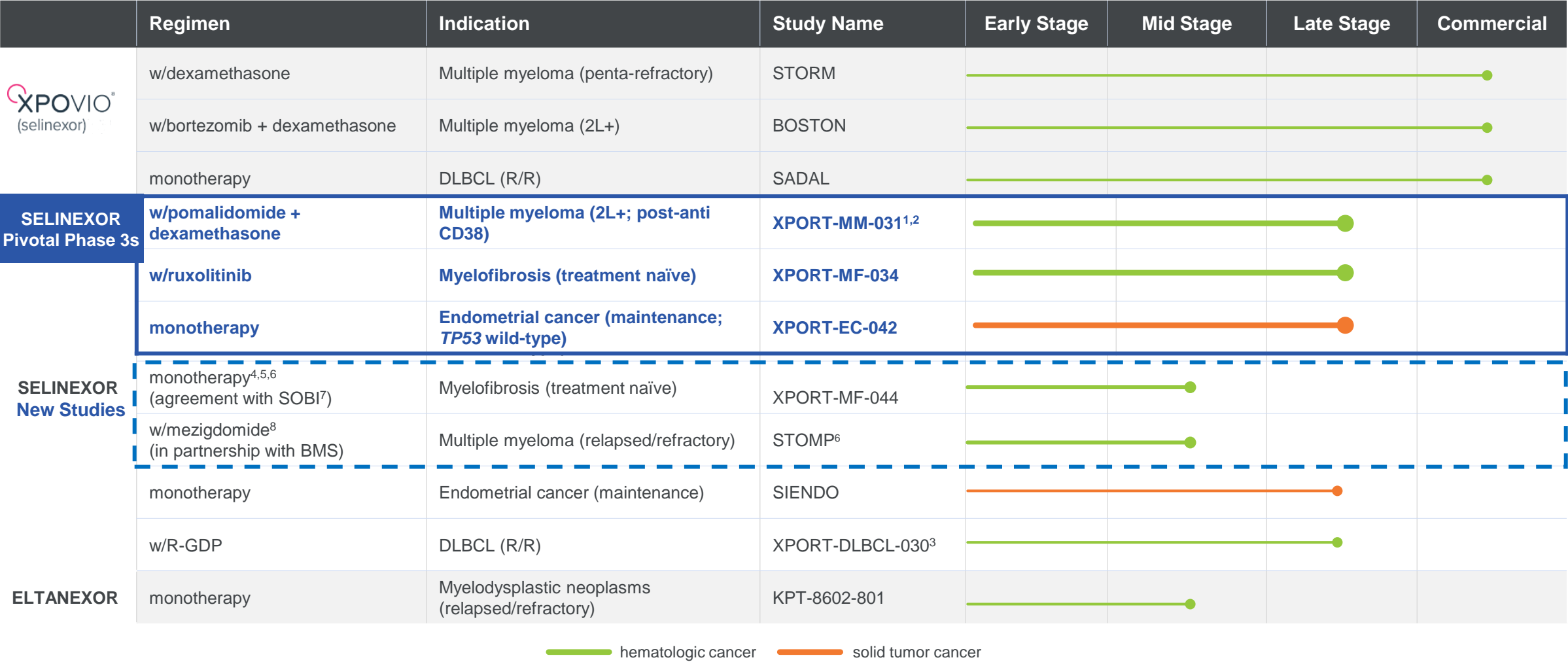
Reduced proliferation and increased apoptosis of cancer cells⁸

SINE: Selective inhibition of nuclear export

SINE compound

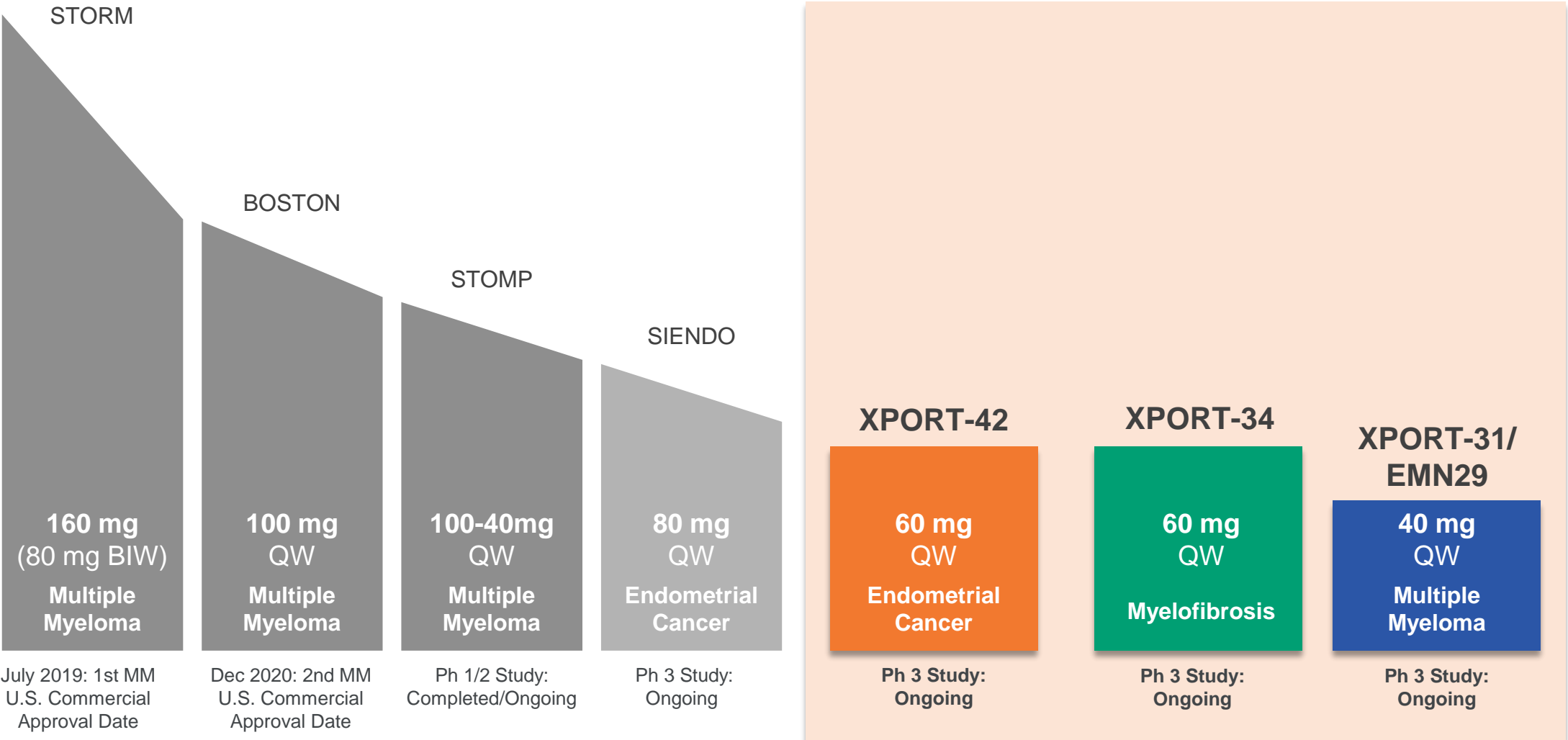
Nucleus

Focused, High Potential Pipeline with 3 Pivotal Studies Across Cancers With High Unmet Needs



1. EMN29 Study: Sponsored by European Myeloma Network. 2. Versus elotuzumab, pomalidomide, and dexamethasone. 3. XPORT-DLBCL-030 is a Phase 2/3. 4. Arm of STOMP. 5. With option to add JAK inhibitors. 6. Planned initiation in 1H 2024. 7. For supply of pacritinib 8. To be initiated as an arm in the STOMP trial.

Optimizing Selinexor Dose to Improve Patient Experience and Overall Benefit





ENDOMETRIAL CANCER

Potential for Significant Paradigm Shift for the Treatment of Women with Advanced or Recurrent *TP53* Wild-Type Endometrial Cancer (EC)

Phase 3 SIENDO Study

Generated strong hypothesis in patients with *TP53* wild-type EC

Targeted Mechanism and Oral Treatment

Forced retention of p53 in the cell nucleus by inhibition of XPO1 allows p53 to carry out its tumor suppressor and other regulatory functions

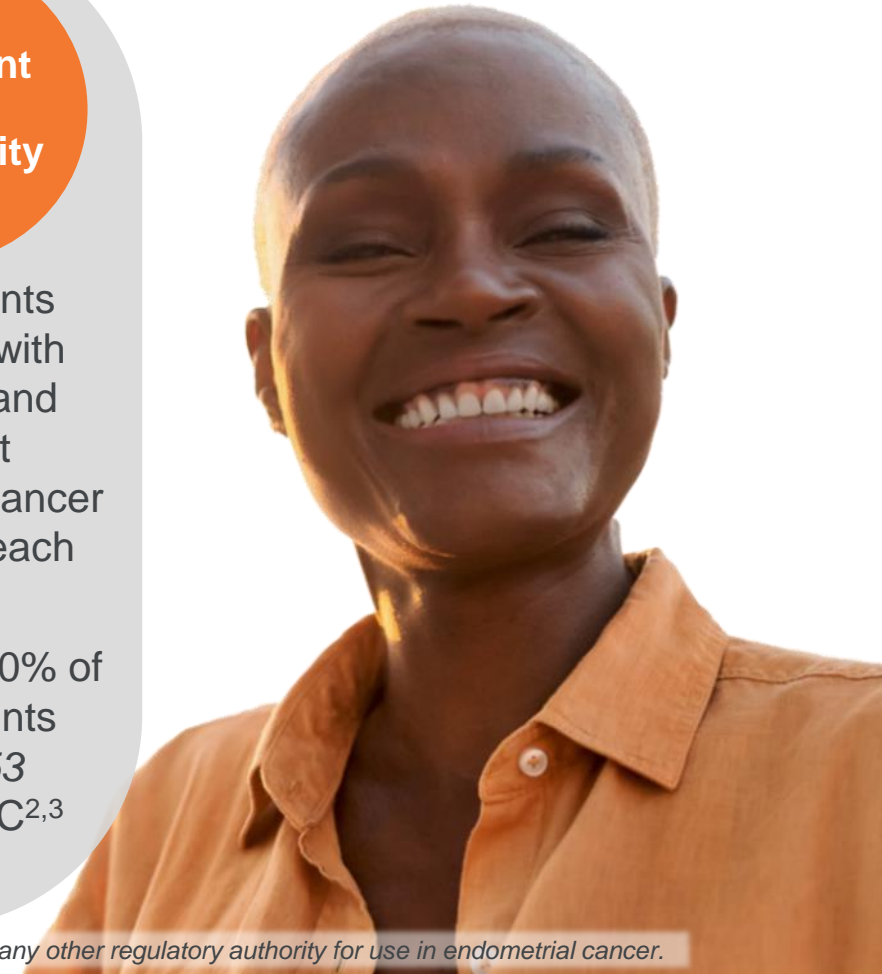
Addressing a Significant Unmet Need

No FDA approved treatments for pMMR¹ (proficient mismatch repair), which represents ~80% of advanced and recurrent EC²

Significant Market Opportunity

~16K patients diagnosed with advanced and recurrent endometrial cancer in the U.S. each year²

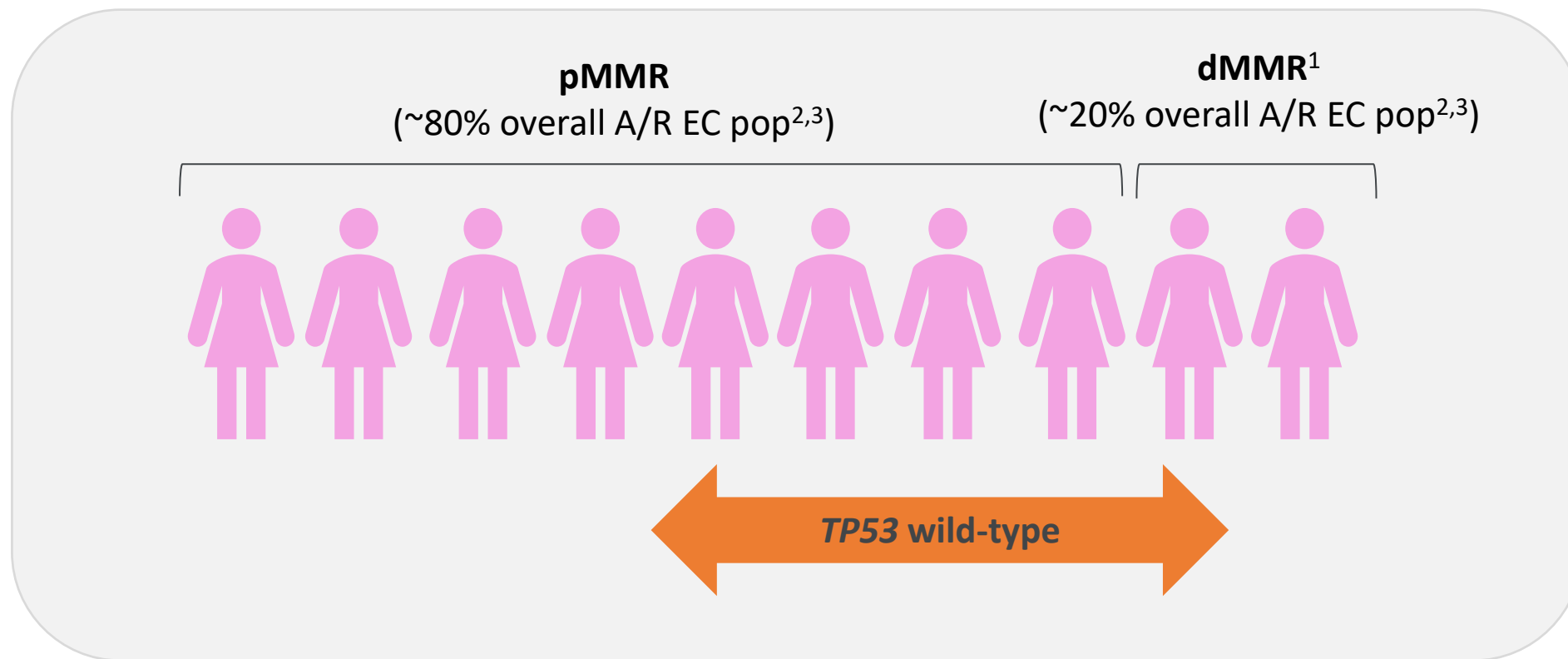
~More than 50% of these patients have *TP53* wild-type EC^{2,3}



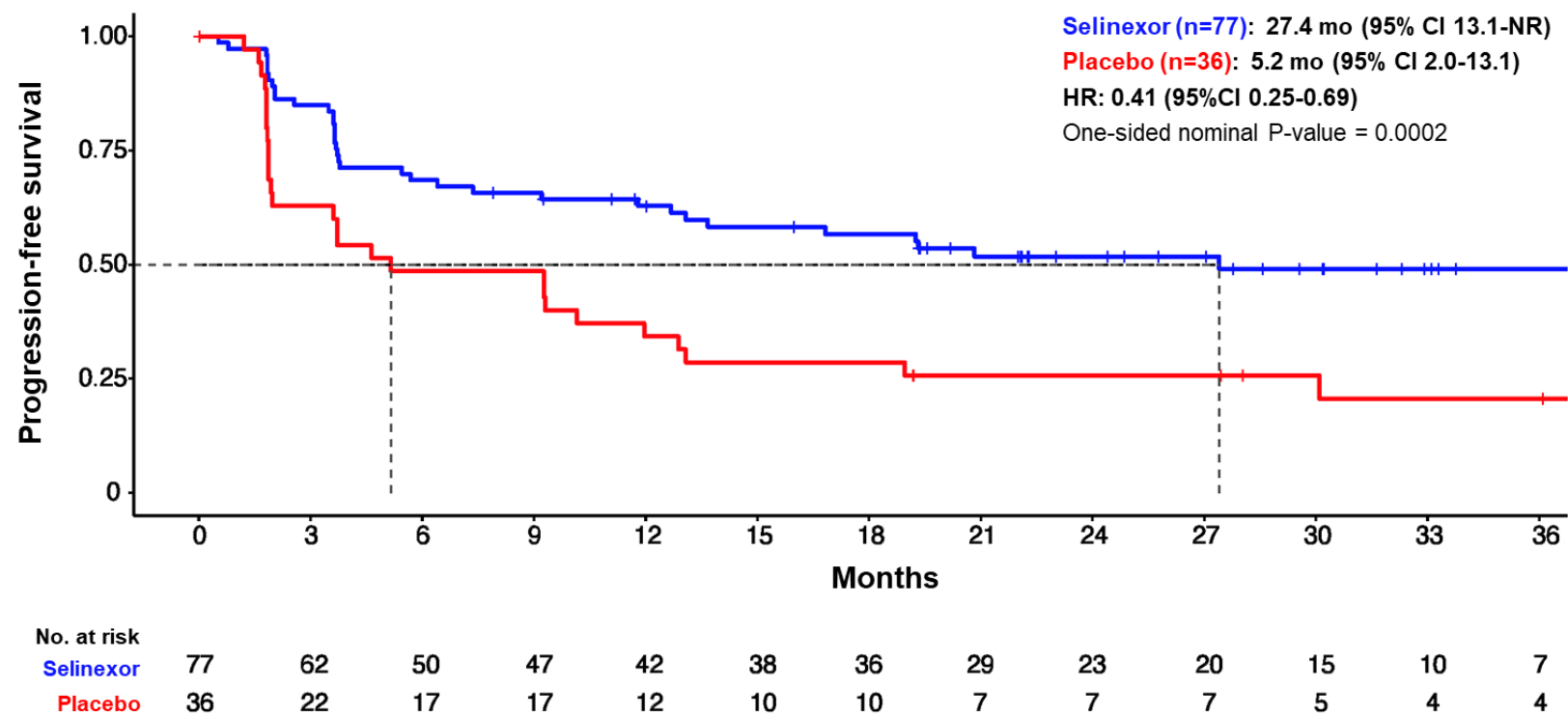
The safety and efficacy of selinexor in endometrial cancer has not been established and has not been approved by the U.S. FDA or any other regulatory authority for use in endometrial cancer.

Emerging Role of TP53 and Importance of Molecular Profiling in the Evolving Landscape of Advanced and Recurrent Endometrial Cancer (A/R EC)

Patients Who are Both *TP53* Wild-Type AND pMMR Represent 40-55% of all A/R EC^{2,3,4,5}



Updated Data from SIENDO Study Indicate Encouraging Signal of PFS Benefit with Median PFS Benefit > Two Years in TP53 Wild Type Endometrial Cancer



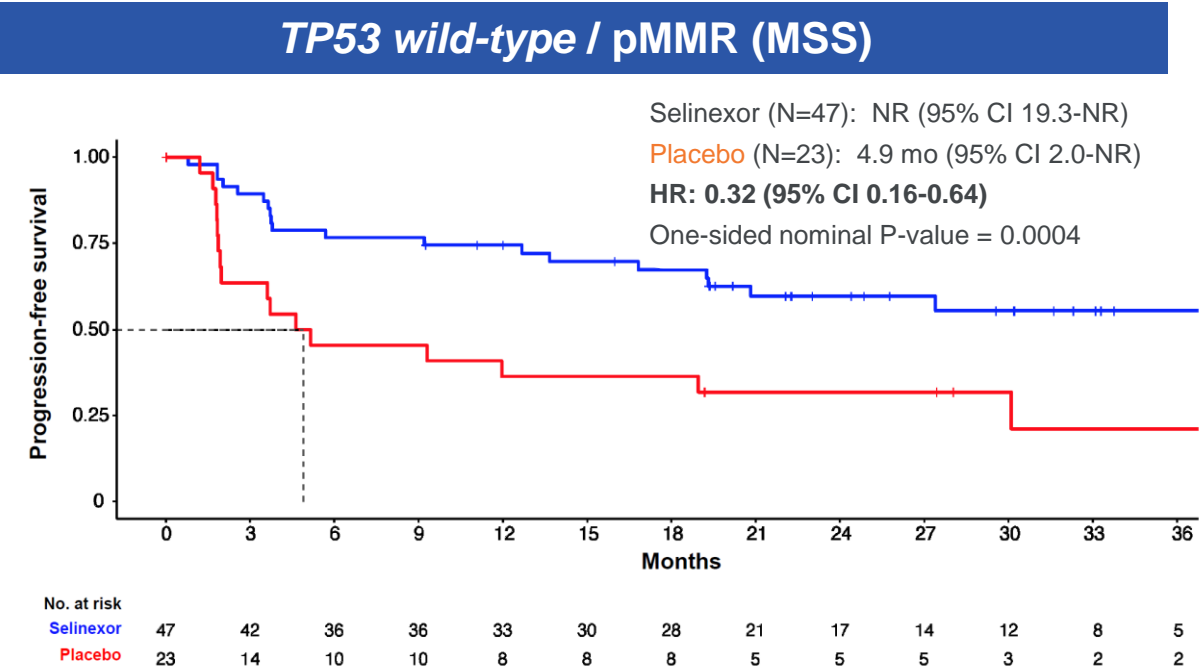
Most common adverse events in TP53 wt exploratory subgroup: Nausea (90%, grade ≥3 : 12%), vomiting (60%, grade ≥3: 3%), thrombocytopenia (42%, grade ≥3 : 10%) and diarrhea (42%, grade ≥3 : 4%). TEAE's leading to discontinuation 16% and death 0%.

The safety and efficacy of selinexor in endometrial cancer has not been established and has not been approved by the U.S. FDA or any other regulatory authority.

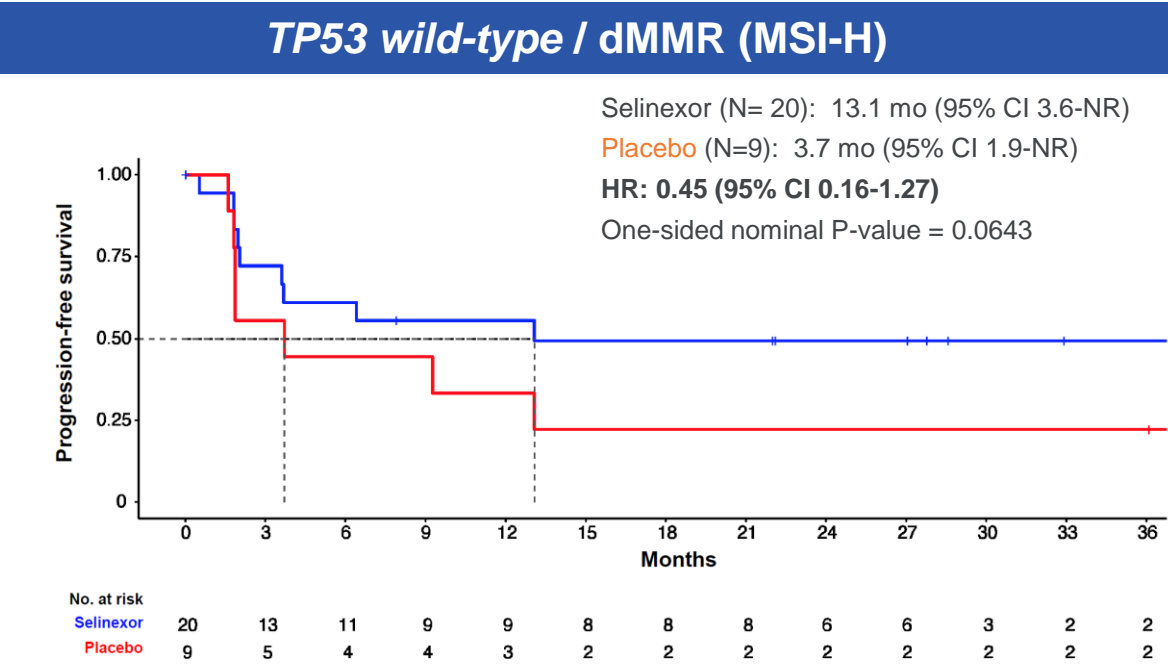
Data cut September 1, 2023

SIENDO Study: Strongest Signal in TP53 Wild-type pMMR with PFS Not Reached; PFS Improvement Signal Observed Regardless of MMR Status

Long Term Follow-Up¹: PFS in TP53wt Exploratory Subgroup Based on MMR status



Median follow-up: 31.6 months



Median follow-up: 27.3 months

The safety and efficacy of selinexor in endometrial cancer has not been established and has not been approved by the U.S. FDA or any other regulatory authority.

Preliminary Overall Survival Data¹ from SIENDO Shows Encouraging Signal in the *TP53* Wild-Type Exploratory Subgroup

	No. with events (%)	Overall Maturity (%)	Median (95% CI), months	HR (95% CI)	Nominal one-sided p-value	Median follow up (months)
TP53wt						
Selinexor (n=77)	23.4%	26.6%	NR (NR, NR)	0.76 (0.36-1.59)	0.24	28.9
Placebo (n=36)	33.3%		NR (35.19, NR)			
TP53wt/pMMR (MSS)						
Selinexor (n=47)	23.4%	30.0%	NR (NR, NR)	0.57 (0.24-1.35)	0.098	31.6
Placebo (n=23)	43.5%		35.19 (28.68, NR)			
TP53wt/dMMR (MSI-H)						
Selinexor (n=20)	10.0%	10.3%	NR (NR, NR)	0.62 (0.06-6.81)	0.35	27.3
Placebo (n=9)	11.1%		NR (NR, NR)			

Follow Up Data Including Overall Survival To Be Presented in 2024

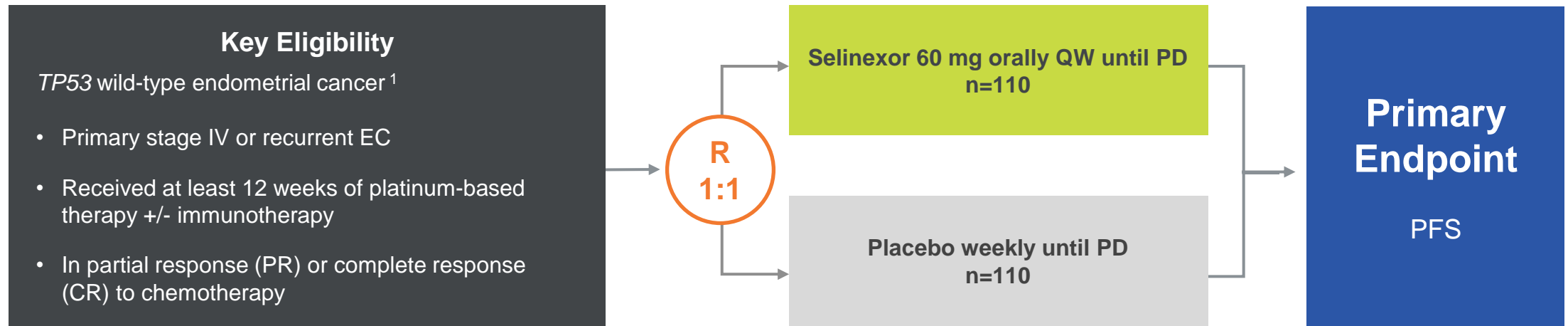
Data cut September 1, 2023

XPORT-EC-042* Global Phase 3, Randomized, Double-Blind Trial of Selinexor as Maintenance Therapy for Patients with *TP53* Wild-type, Advanced or Recurrent Endometrial Cancer

Study is Actively Enrolling

TP53 Wild-type Status is Assessed by Companion Diagnostic Partner Foundation Medicine¹

Study in Collaboration with ENGOT² and GOG³



*NCT05611931

The safety and efficacy of selinexor in endometrial cancer has not been established and has not been approved by the U.S. FDA or any other regulatory authority.

Top-line Data Expected in 1H 2025

HR-QoL, health-related quality of life; OS, overall survival; PFS, progression-free survival; PD, progressive disease; QW, every week

MYELOFIBROSIS



Selinexor Has the Potential to Define a New Treatment Paradigm in Myelofibrosis¹

Treatment Landscape and Unmet Need

Population living with MF:

- ~20,000 in the U.S²; ~17,000 in EU²

No other approved class of therapy other than JAK inhibitors

- Ruxolitinib generates over \$1 billion revenues annually in MF in the U.S.

Significant unmet need in 1L treatment with current standard of care, ruxolitinib

- Overall survival is correlated with spleen reduction³
- Only ~35%³ of patients achieve SVR35 with ruxolitinib⁴

Selinexor

- ✓ XPO1 inhibition is a novel and potentially fundamental mechanism in MF
- ✓ Synergism with ruxolitinib observed in preclinical data⁵
- ✓ Rapid, deep and sustained spleen response, and robust symptom improvement across all subgroups
- ✓ Potentially disease modifying with rapid normalization of platelets and maintenance of hemoglobin levels
- ✓ Generally tolerable and manageable side effect profile enabling sustained therapy

The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority for use in myelofibrosis.

XPO1 Inhibition is a Potentially Fundamental MoA in MF that Targets Both JAK-STAT and non-JAK-STAT Pathways¹⁻¹⁰

Representing Potentially Additive or Synergistic Activity When Dosed in Combination

Selinexor inhibits XPO1-mediated nuclear cargo protein export leading to:

- Increased malignant cell death¹
- Decreased malignant cell proliferation¹
- Reduced inflammation²

JAK-STAT pathway inhibition

- ↓ STAT phosphorylation and protein levels^{3,4}
- ↓ AKT and mTOR^{3,5,6}

p53-driven cell death¹

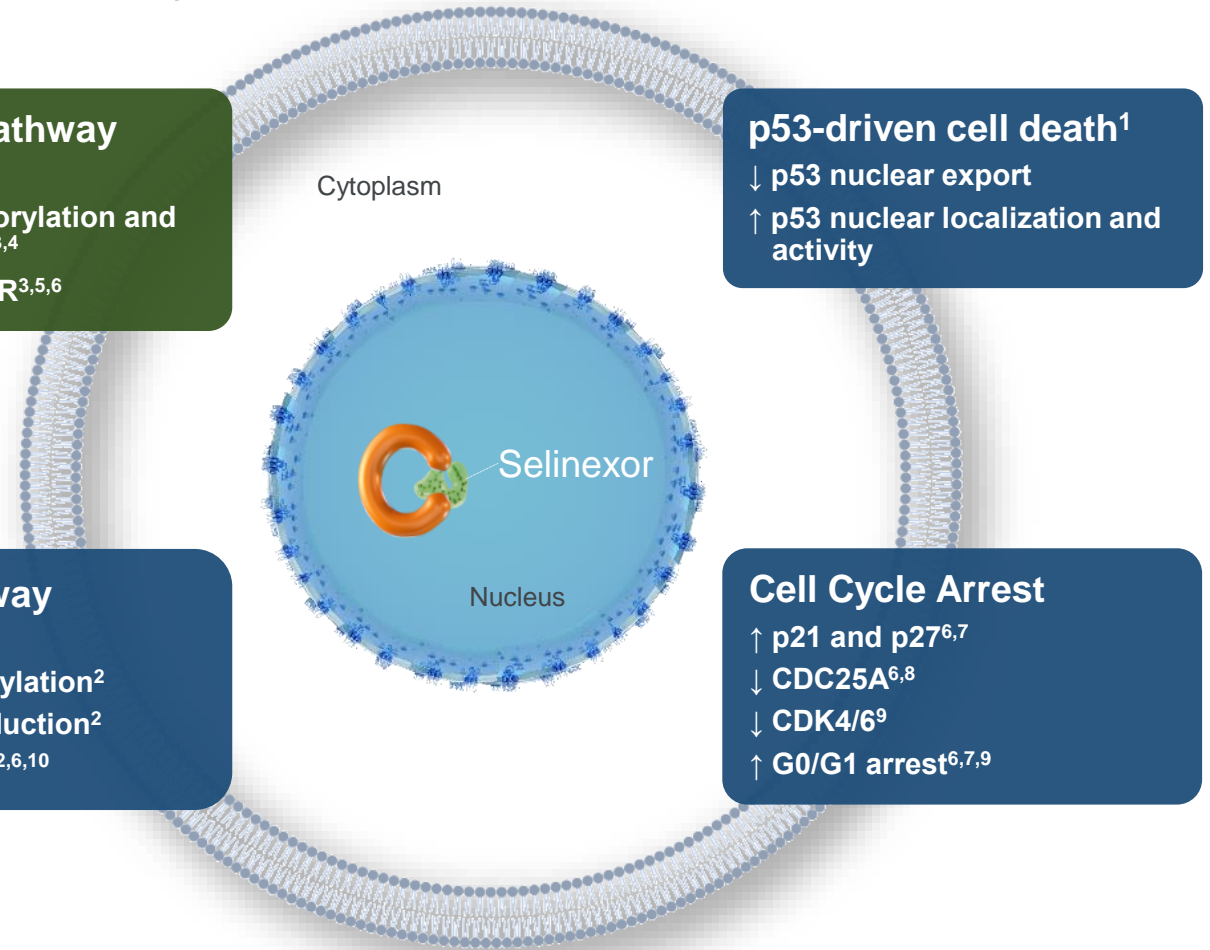
- ↓ p53 nuclear export
- ↑ p53 nuclear localization and activity

NF-κB pathway inhibition

- ↓ IKK phosphorylation²
- ↓ Cytokine production²
- ↑ Nuclear IκB-α^{2,6,10}

Cell Cycle Arrest

- ↑ p21 and p27^{6,7}
- ↓ CDC25A^{6,8}
- ↓ CDK4/6⁹
- ↑ G0/G1 arrest^{6,7,9}

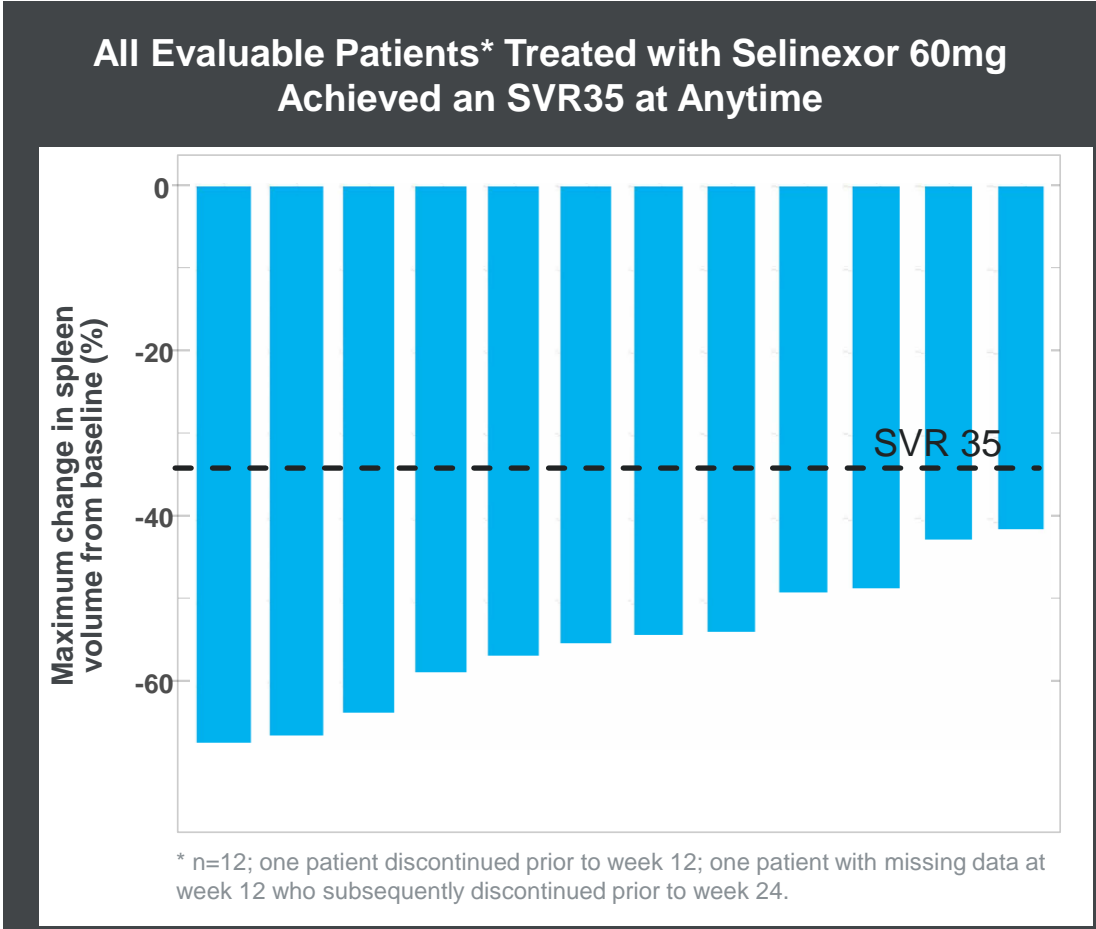


Rapid and Deep SVR35 and TSS50 Achieved with Selinexor 60mg + Ruxolitinib in Phase 1 Study

Population	Timepoint	SVR35	TSS50*
		Selinexor 60mg +ruxolitinib n (%)	Selinexor 60mg +ruxolitinib n (%)
Efficacy Evaluable	Week 12	10/12 ⁱ (83.3)	8/10 ⁱⁱ (80.0)
	Week 24	11/12 (91.7)	7/9ⁱⁱⁱ (77.8)
Intent-to-Treat	Week 12	10/14 (71.4)	8/12 (66.7)
	Week 24	11/14 (78.6)	7/12 (58.3)

ⁱ Two patients discontinued prior to Week 24.
ⁱⁱ One patient discontinued prior to week 12; one patient with missing data at week 12, who subsequently discontinued prior to week 24.
ⁱⁱⁱ Two patients discontinued prior to Week 24 and one had missing data.
* Proportion with ≥50% reduction in TSS from baseline to Week 24 based on modified MPN-SAF TSS V.4.0 (fatigue excluded)

SVR35, spleen reduction volume ≥35%
TSS50, total symptom score ≥ 50.
Note: Median TSS was calculated for each cycle, regardless of number of scores collected per cycle

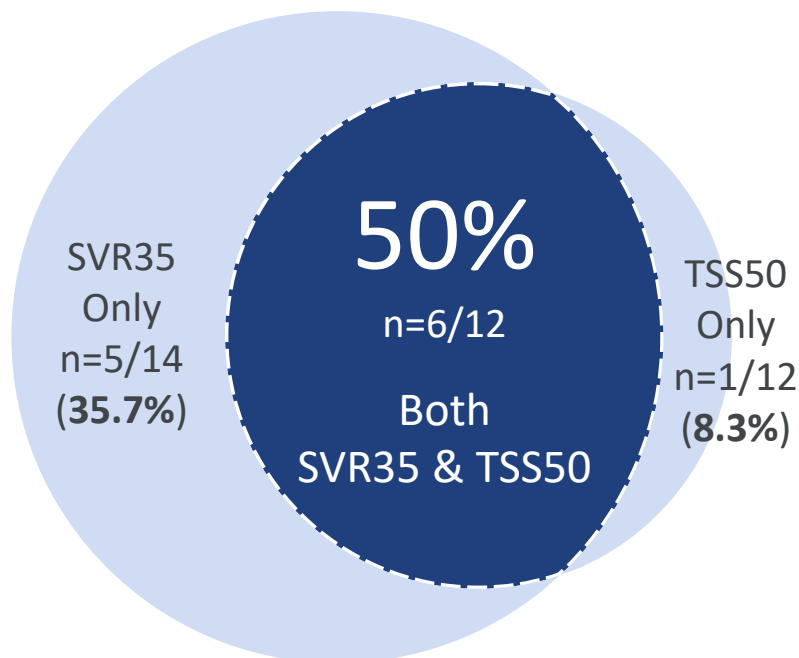


The most common adverse events were GI side effects: Nausea (79%, grade ≥3: 7%), anemia (64%, grade ≥3: 43%), thrombocytopenia (64%, grade ≥3 : 29%) and fatigue (57%, grade ≥3 : 0%).

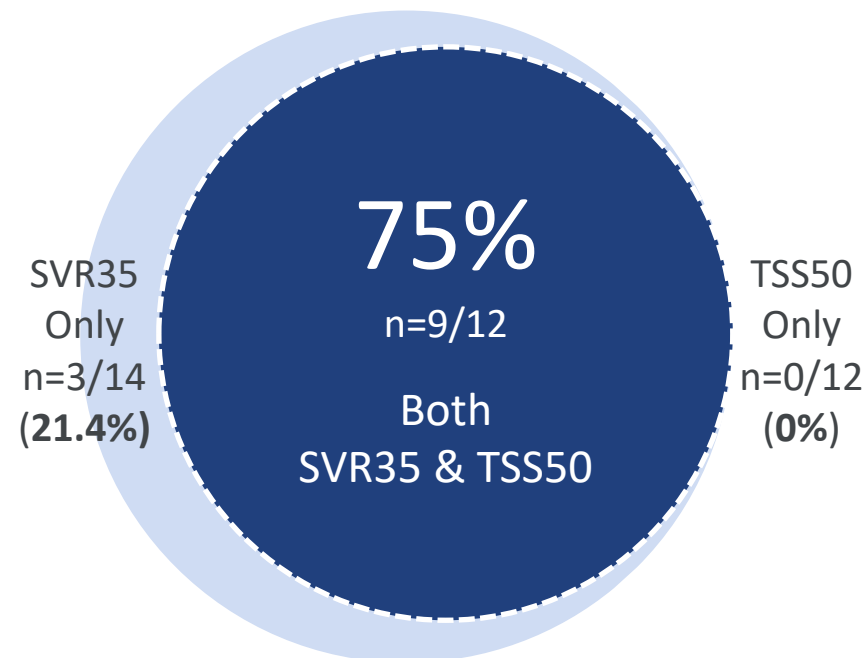
The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority for use in myelofibrosis.

50% of All Patients Treated with Selinexor 60 mg + Ruxolitinib Achieved SVR35 and TSS50 at Week 24; 75% of Patients Achieved Both at Anytime

Response at Week 24



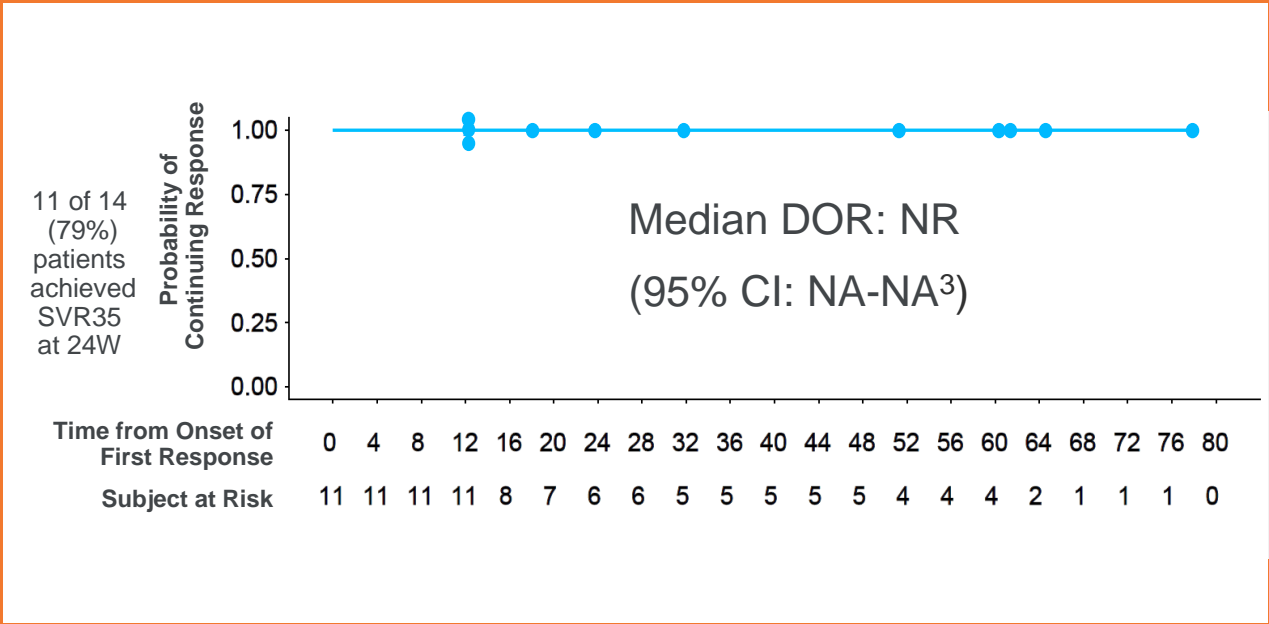
Response at Anytime



* 2 patients with no baseline symptoms (TSS = 0) were excluded from the TSS50 response and the SVR35/TSS50 dual response analyses.

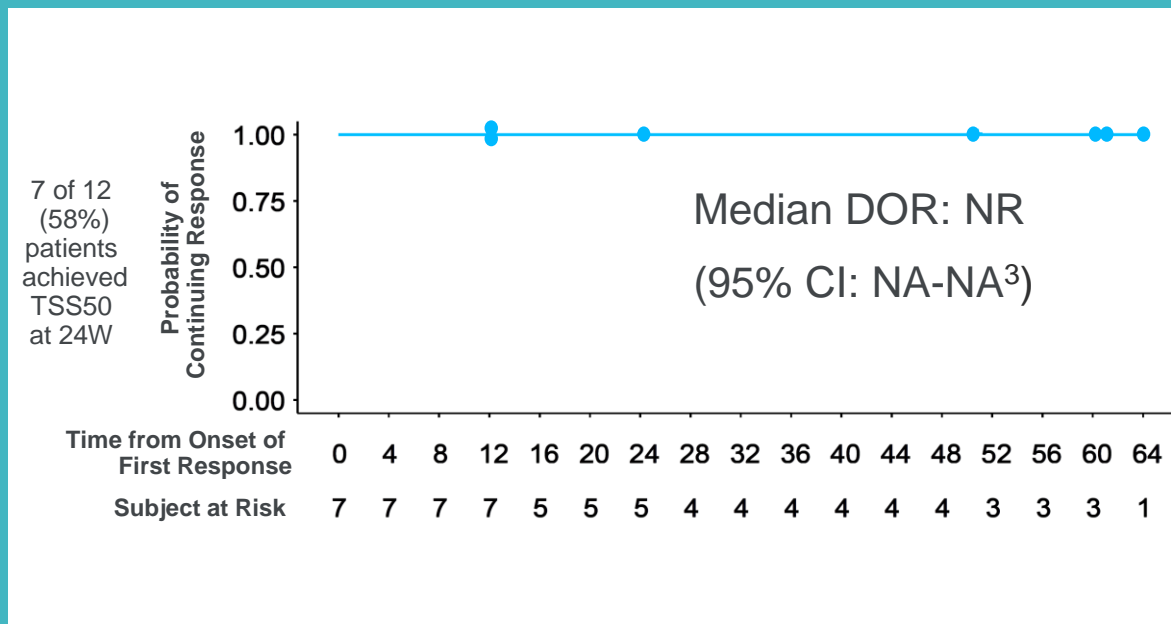
No Progression for SVR35 or TSS50 Responders^{1,2} on Selinexor 60mg + Ruxolitinib at Data Cutoff of August 1, 2023

Selinexor + Ruxolitinib Treatment Shows 100%¹ Probability of Response for SVR35 at the Maximal Follow-up of 78 Weeks



Median duration of follow-up: 32 weeks (12, 78)

Selinexor + Ruxolitinib Treatment Shows 100%² Probability of Response for TSS50 at the Maximal Follow-up of 64 Weeks



Median duration of follow-up: 51 weeks (12, 64)

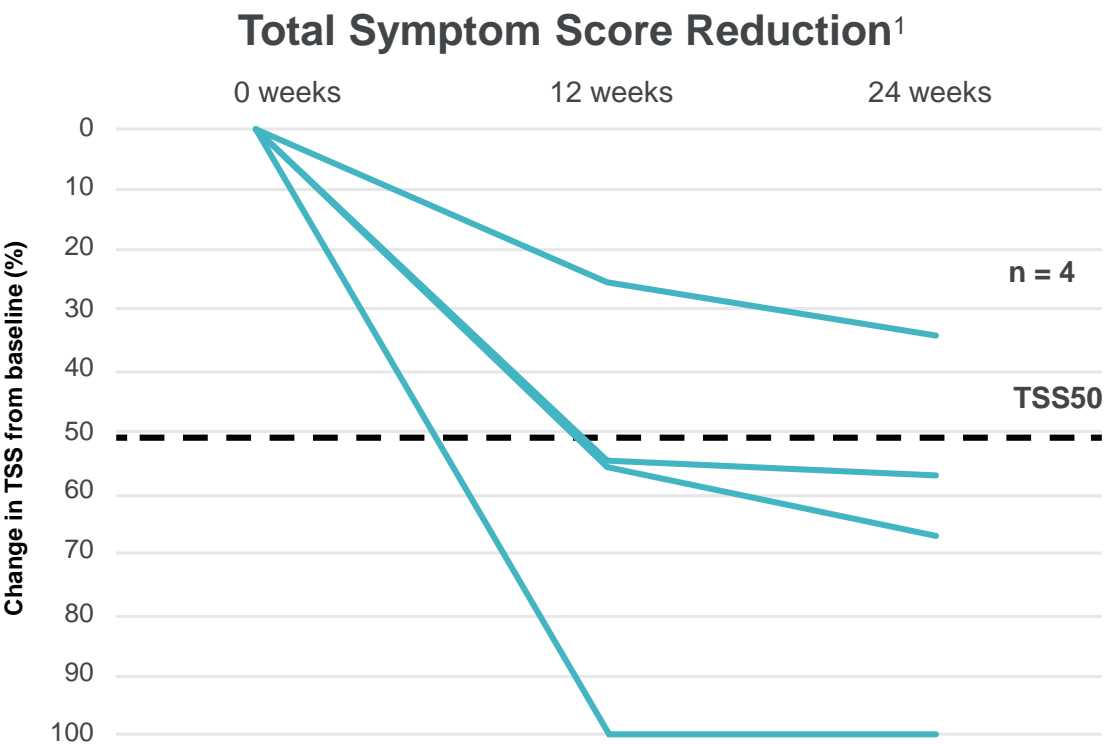
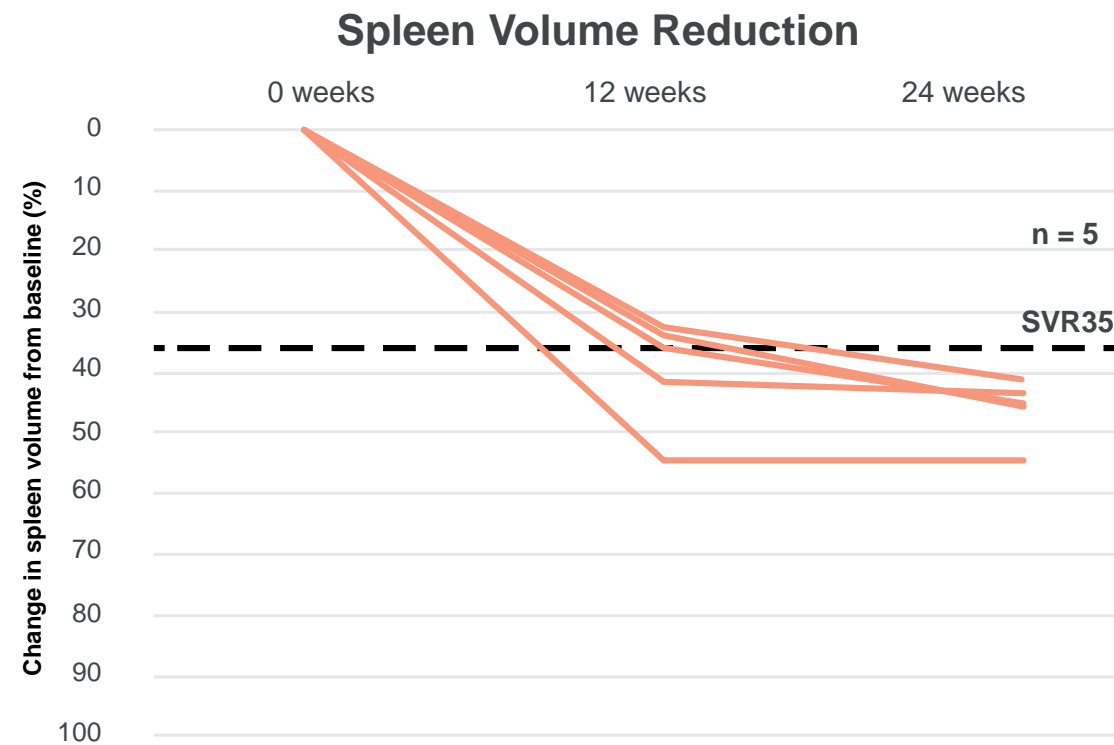
The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority for use in myelofibrosis.

Data cut August 1, 2023

1. SVR progression defined as less than or equal to 35% spleen volume reduction from baseline and more than 25% increase in spleen volume from nadir, assessed radiographically.
2. TSS progression defined as a total symptom score that is equal to or exceeds the baseline value.
3. Not Applicable.

Efficacy with Selinexor in Combination with Suboptimal Dose of Ruxolitinib (≤ 5 mg*) Further Supports XPO1 as a Fundamental MoA in MF

Retrospective, Exploratory Analysis from Phase 1 Selinexor (60mg) + Ruxolitinib Study (034)



*Patients received ruxolitinib at ≤ 5 mg BID for at least five out of the first six cycles

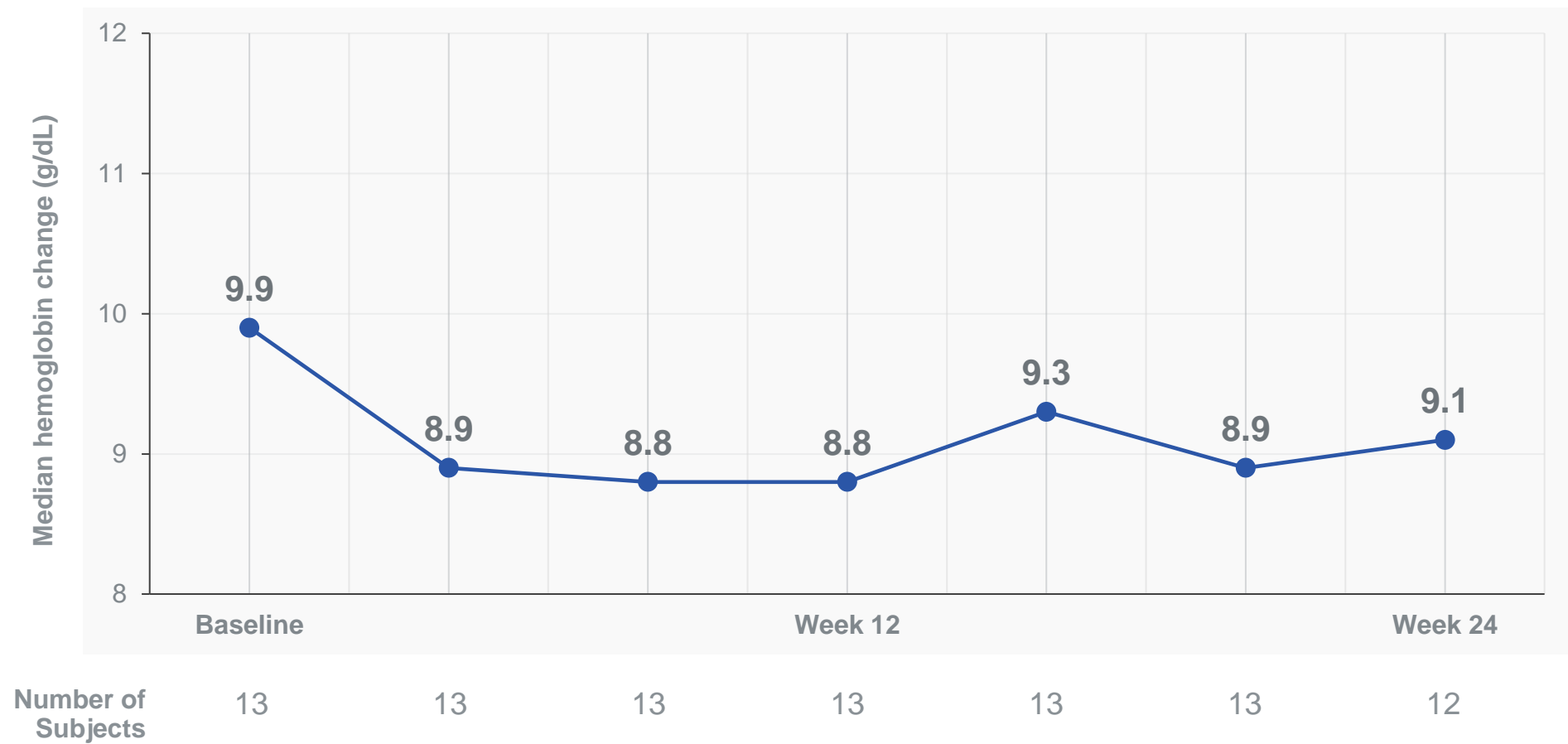
“Based on limited clinical data, long-term maintenance at a 5 mg twice daily dose has not shown responses and continued use at this dose should be limited to patients in whom the benefits outweigh the potential risks.” Jakafi (ruxolitinib) U.S. Package Insert, January 2023

The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority.

Data cut August 1, 2023

1. One patient with missing TSS50 score

Stable Hemoglobin Achieved with 60mg QW Selinexor, a Hallmark of Disease Modification

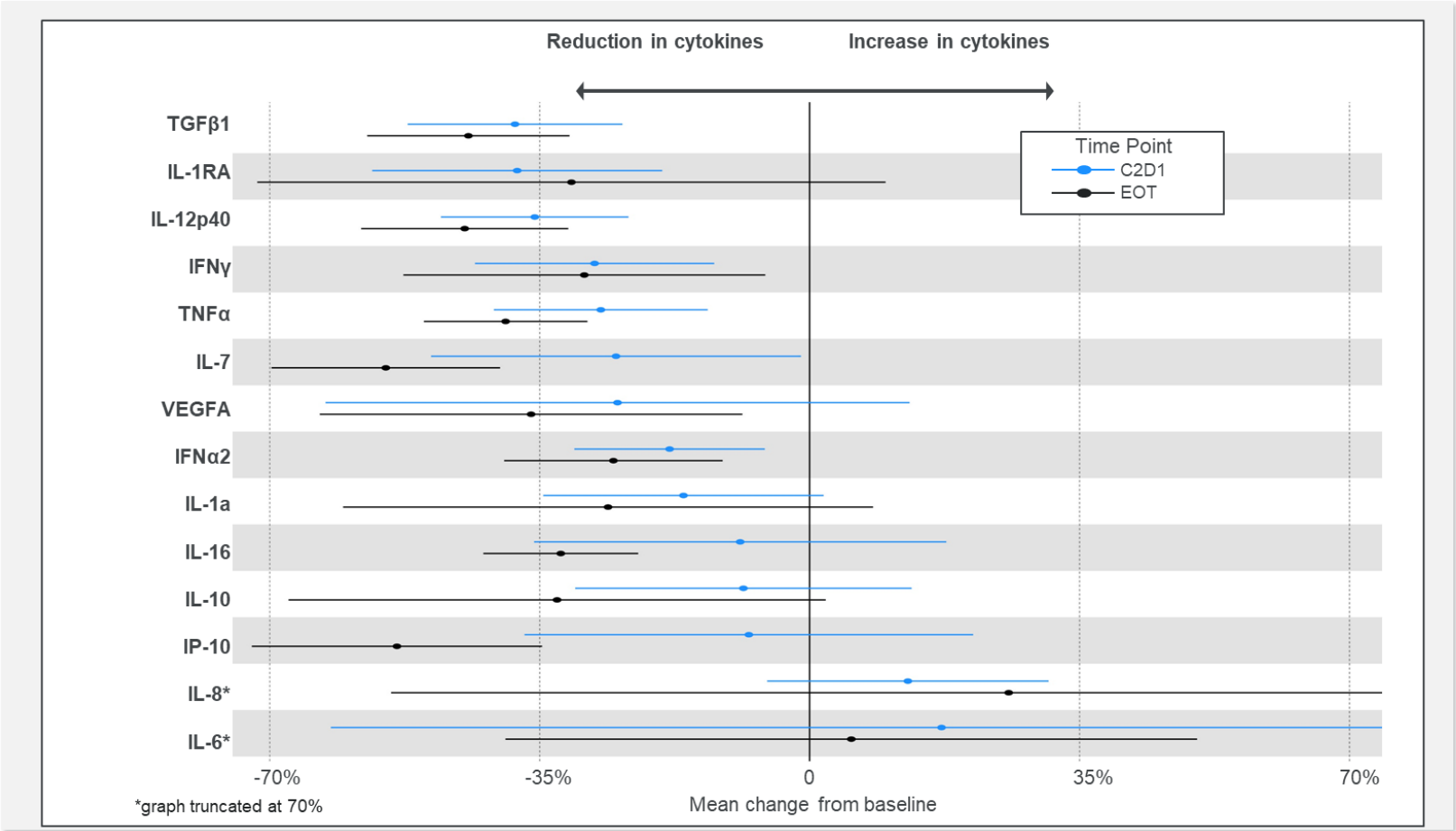


The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority for use in myelofibrosis.

Data cut August 1, 2023

Rapid, Meaningful Cytokine Reduction Observed with Selinexor plus Ruxolitinib a Further Signal of Disease Modification

Cytokine Reduction Greater with 60 mg than 40 mg Selinexor¹

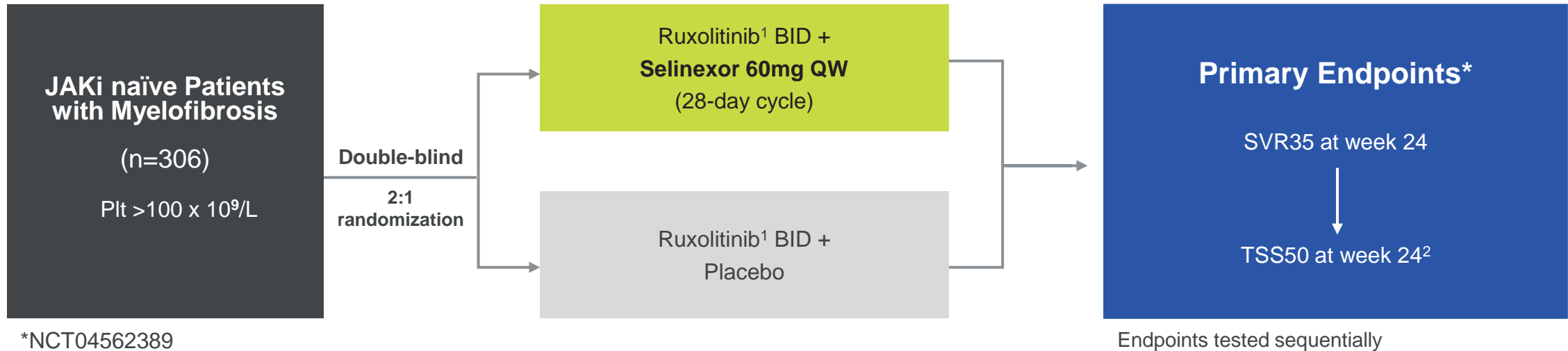


Data cut August 1, 2023

¹ Results from 40mg and 60mg selinexor ; data on file
*Analysis includes all patients who had at least one dose of selinexor (40 mg or 60 mg) and had cytokine levels at baseline and Week 4 and EOT.

Phase 3 Part of Study (XPORT-MF-034*) Evaluating Selinexor in Combination with Ruxolitinib in Treatment-naïve Myelofibrosis

Study is Actively Enrolling



*NCT04562389

Randomization stratified by:

- Dynamic International Prognostic Scoring System (DIPSS) risk category intermediate -1 vs. intermediate -2 or high-risk
- Spleen volume <1800 cm³ vs. >1800 cm³ by MRI/CT scan
- Baseline platelet counts 100-200 x 10⁹/L vs. >200 x 10⁹/L

Top-line Data Expected in 2H 2025

MULTIPLE MYELOMA



SPd, As an All-Oral Combination, Has the Potential to Benefit Significant Number of Patients Across the Multiple Myeloma Treatment Journey Upon Approval¹

1

Commonly Used Backbone Post Anti-CD38

SPd as therapy of choice following anti-CD38 mAbs will drive use in earlier lines; Pomalyst[®], a commonly used IMiD, generates >\$2B in revenues annually in the U.S.²

2

All Oral Combination, Potentially T-cell Sparing

SPd has the potential to be the only approved all-oral triplet providing convenience for patients

3

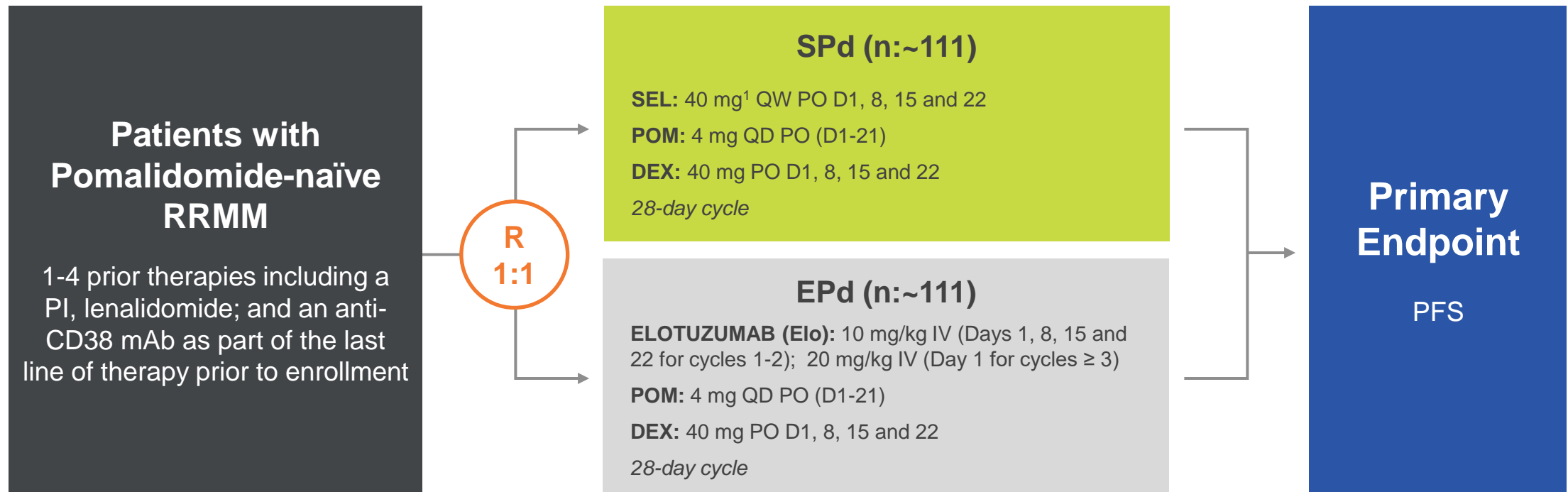
Lower Dose

SPd (40mg selinexor) QW dose achieved a median PFS of 18.4months³ with improved tolerability

The safety and efficacy of SPd has not been established and has not been approved by the FDA or any other regulatory authority

Phase 3 Global Study (XPORT-MM-031/ EMN29*) Evaluating SPd in Patients with Previously Treated Multiple Myeloma

Study is Actively Enrolling



*NCT05028348

The safety and efficacy of SPd has not been established and has not been approved by the FDA or any other regulatory authority

Top-line Data Expected in 2H 2024

FINANCIAL HIGHLIGHTS AND MILESTONES



Cash Runway Supporting Through Multiple Potential Value Generating Milestones

\$192M

CASH, EQUIVALENTS & INVESTMENTS*
31-Dec-2023¹

**Into
Late 2025***

EXPECTED CASH
RUNWAY

~\$146M

TOTAL REVENUE
2023¹

~\$112M

NET PRODUCT REVENUE
2023¹

Accelerating Innovation and Growth Strategy with Key Milestones in 2024 and 2025

Multiple Myeloma

- ❑ Leverage commercial capabilities and grow XPOVIO (2024)
- ❑ Continuation of global launches (2024)
- ❑ Report data on XPOVIO pre/post T cell therapy (2024)
- ❑ Report top-line results from pivotal Phase 3 trial evaluating SPd (2H 2024)

Endometrial Cancer

- ❑ Continue to present exploratory updated results from the *TP53* subgroup from the SIENDO trial at medical conferences (2024)
- ❑ Complete enrollment in pivotal EC-042 Phase 3 trial in *TP53* wild-type EC (2H 2024)
- ❑ Report top-line results from pivotal EC-042 Phase 3 trial in *TP53* wild-type EC (1H 2025)

Myelofibrosis

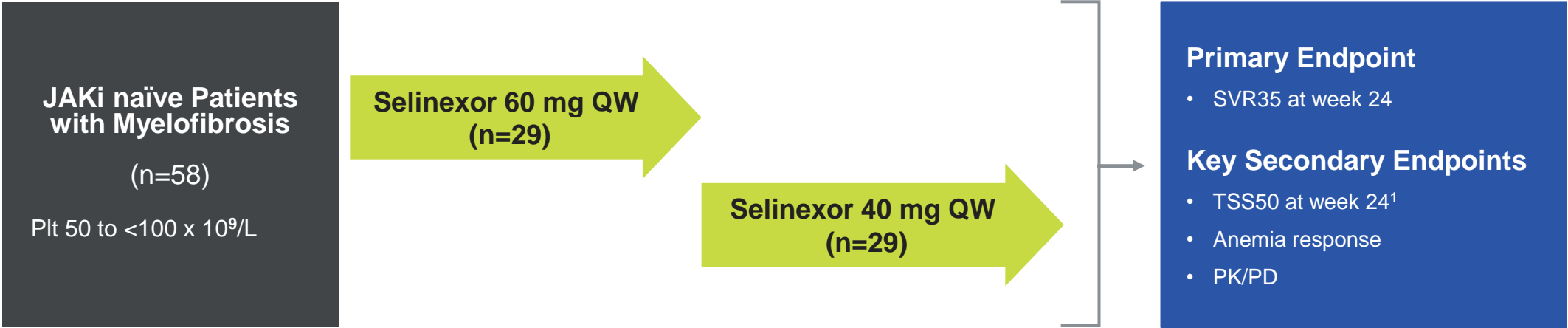
- ❑ Report updated results in Phase 1 trial of selinexor + ruxolitinib in treatment-naïve MF (2024)
- ❑ Report preliminary data from MF-044 Phase 2 study with single agent selinexor in JAKi naïve MF with platelet counts below $50 \times 10^9/L$. (2H 2024)
- ❑ Report top-line results from Phase 3 trial of selinexor + ruxolitinib in treatment-naïve MF (2H 2025)



APPENDIX

Phase 2 XPORT-MF-044* Study Evaluating Selinexor As Monotherapy in JAKi Naïve MF Patients

Study Planned to be Initiated in 1H 2024



* NCT05980806

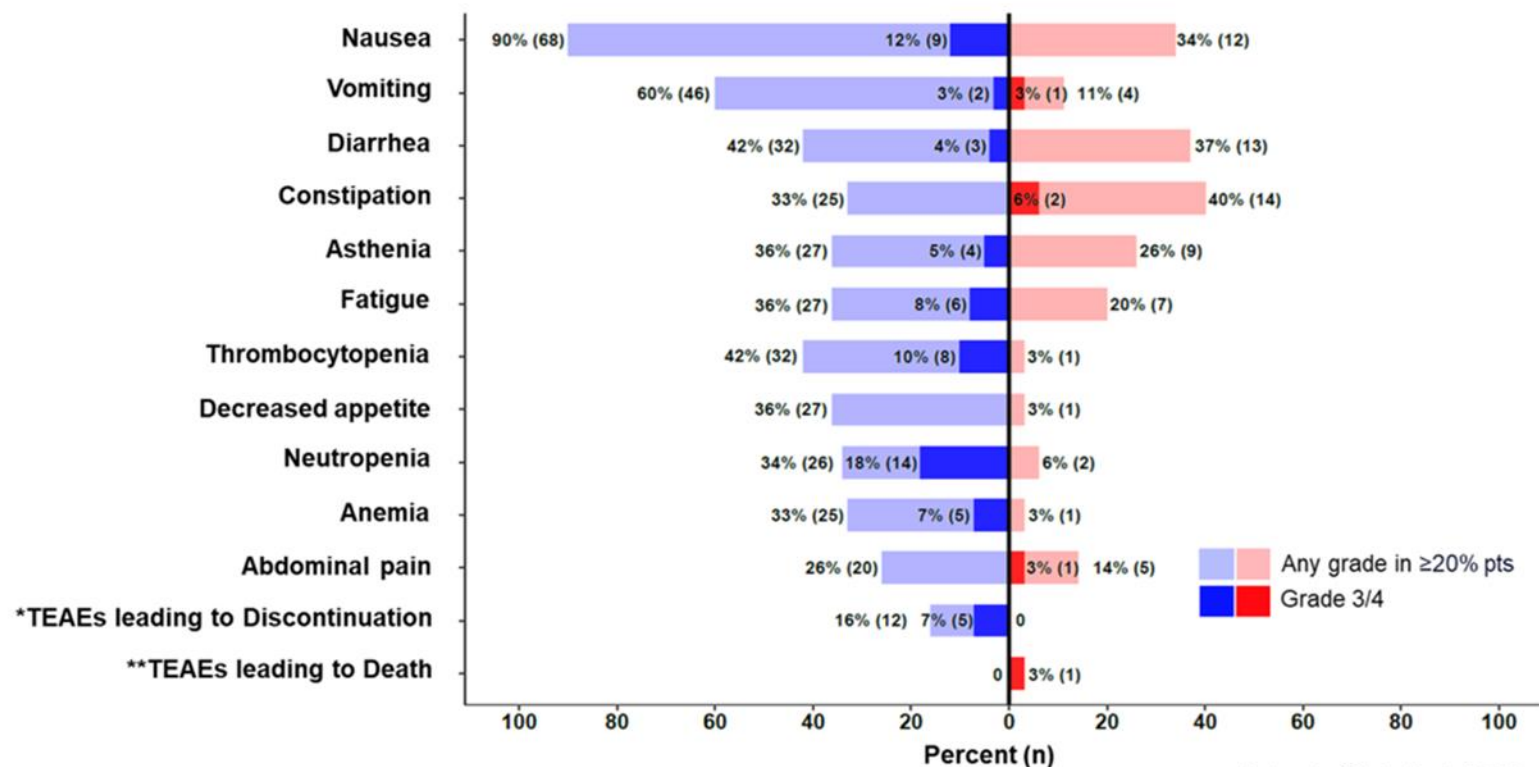
Optional Add-on Medications	
<u>Week 12</u> if SVR <10%	<u>Week 24</u> if SVR <35%
Add ruxolitinib ² : if plt >50 x 10 ⁹ /L, and hemoglobin level is ≥ 10 g/dL	
Add pacritinib : if plt <50 x 10 ⁹ /L	
Add momelotinib ³ if plt >50 x 10 ⁹ /L hemoglobin level is <10 g/dL	



Pacritinib supply agreement with SOBI

1. Evaluated in the myelofibrosis assessment form (MFSAF) 2. Per ruxolitinib label: 5 to 10 mg BID for at least 2 weeks, based on the plt level 3. In the U.S. only
3. For supply of pacritinib

SIENDO Study: Treatment Emergent Adverse Events



†Two patients total did not receive treatment (n=1 selinexor; n=1 placebo) and were excluded from this analysis.

*Reasons for discontinuation: Nausea (n=5), fatigue (n=3), vomiting (n=3), asthenia, cataract, general physical health deterioration, ileus (all n=1)

**Reason for death unknown/missing

1. Presented at IGCS 2023 Annual Global Meeting

MF-034 Selinexor and Ruxolitinib Phase 1: Treatment Emergent Adverse Events

TEAEs	Selinexor 60 mg QW + ruxolitinib (n = 14)
Any grade (≥ 30% overall), n (%)	
Nausea	11 (78.6)
Anemia	9 (64.3)
Thrombocytopenia	9 (64.3)
Fatigue	8 (57.1)
Constipation	7 (50.0)
Vomiting	7 (50.0)
Dyspnea	5 (35.7)
Headache	5 (35.7)
Hyponatremia	5 (35.7)
Leukopenia	5 (35.7)
Neutropenia	5 (35.7)
Grade 3+ (> 5%), n (%)	
Anemia	6 (42.9)
Thrombocytopenia	4 (28.6)
Back pain	2 (14.3)
Neutropenia	1 (7.1)
Atrial fibrillation	1 (7.1)
Leukopenia	1 (7.1)
Treatment-related AEs leading to treatment discontinuations, n (%)	
Thrombocytopenia, Grade 3	1 (7.1)
Peripheral neuropathy, Grade 3	1 (7.1)

The safety and efficacy of selinexor in myelofibrosis has not been established and has not been approved by the U.S. FDA or any other regulatory authority.