

Selinexor

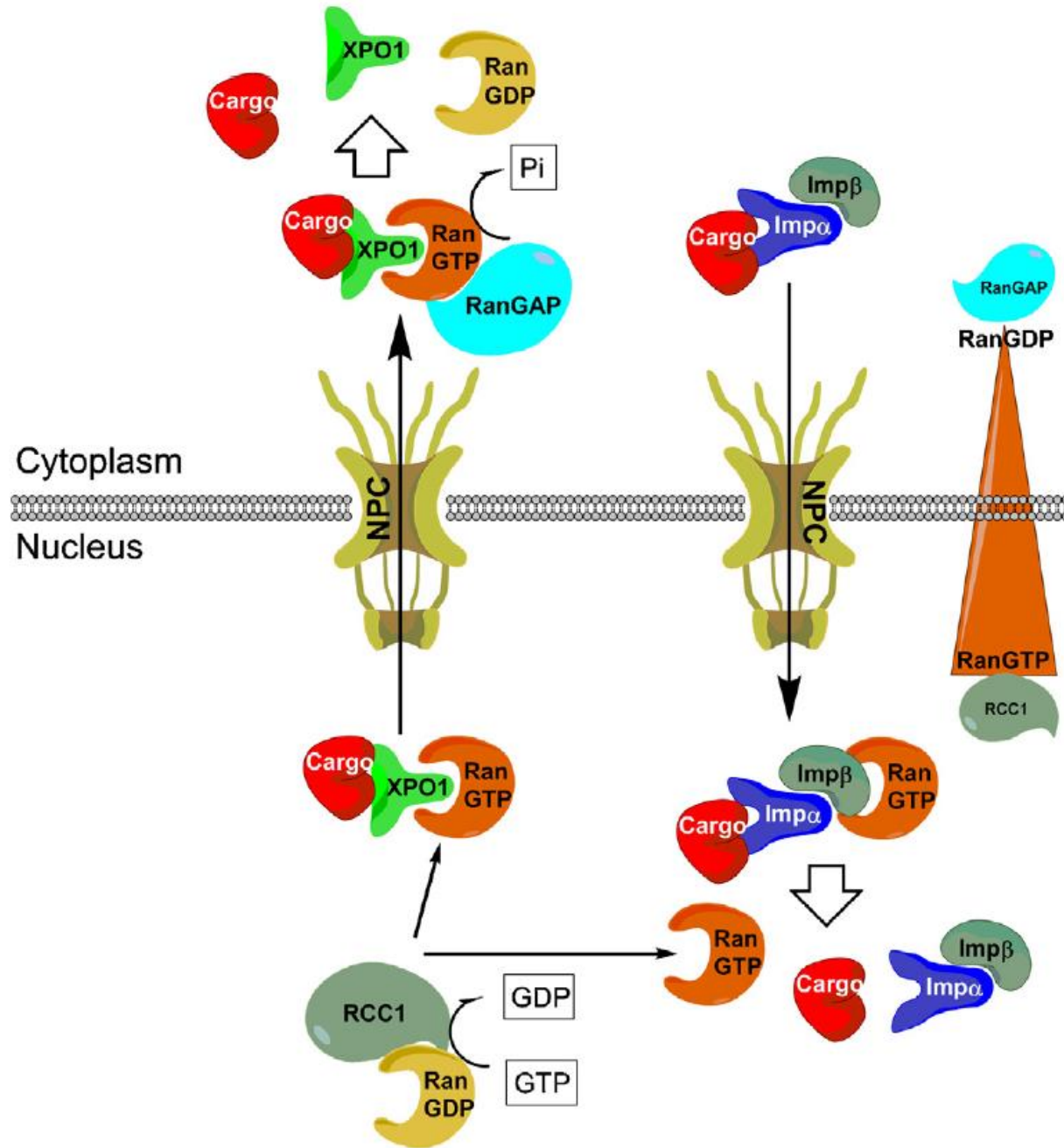
SINEs in Multiple Myeloma

Nizar Jacques Bahlis, MD

Bologna 2018



Model of the mammalian nuclear pore complex

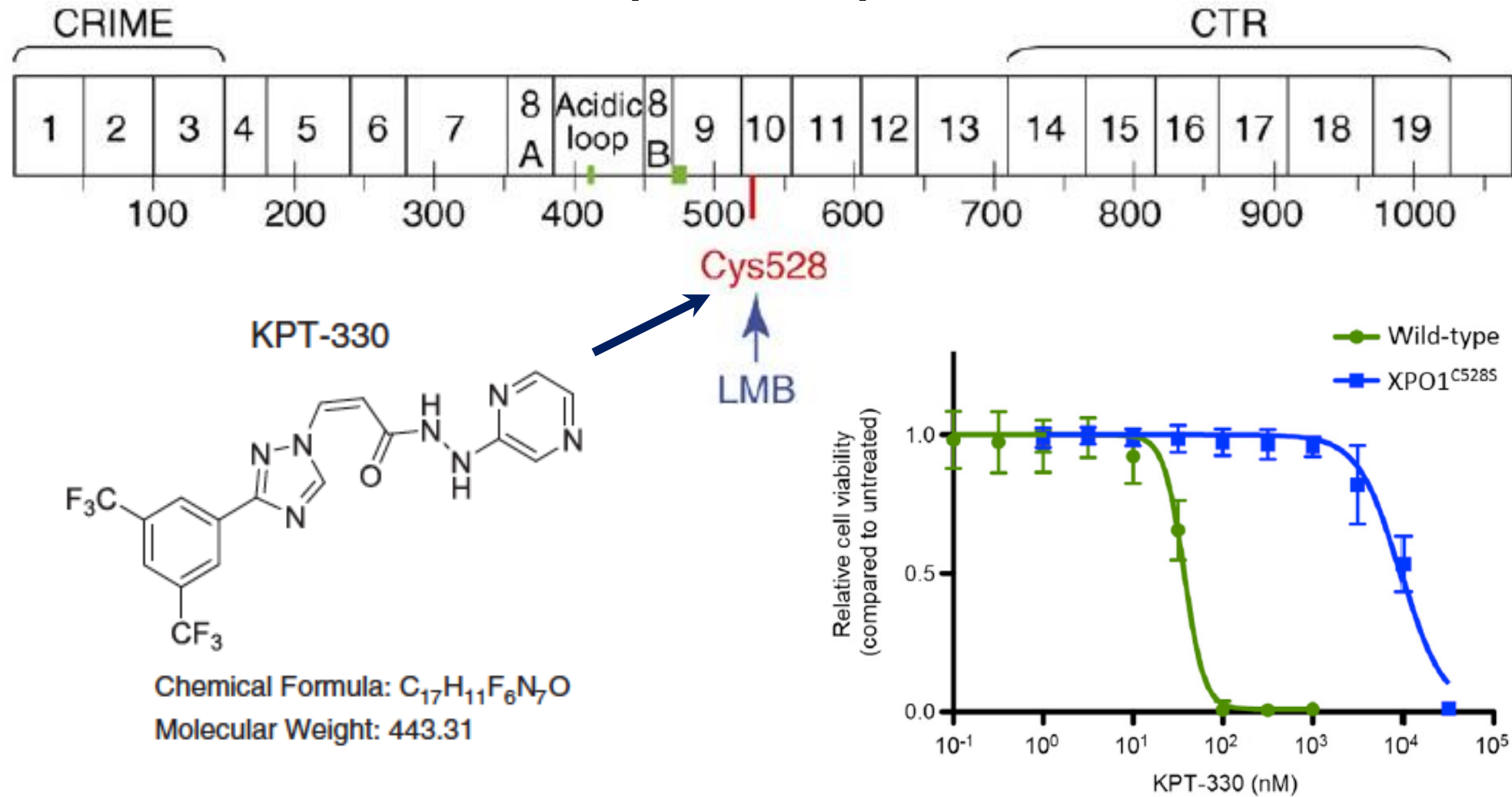


CRM1 (Chromosomal Maintenance 1, Exportin 1 or XPO1) is the major mammalian export protein.

XPO1 facilitates the transport of large macromolecules including RNA and protein across the nuclear membrane to the cytoplasm.

Stade et al, Cell 1997
Adachi et al, The Journal of Cell Biol 1989
Hutten et al Trends in Cell Biology 2007

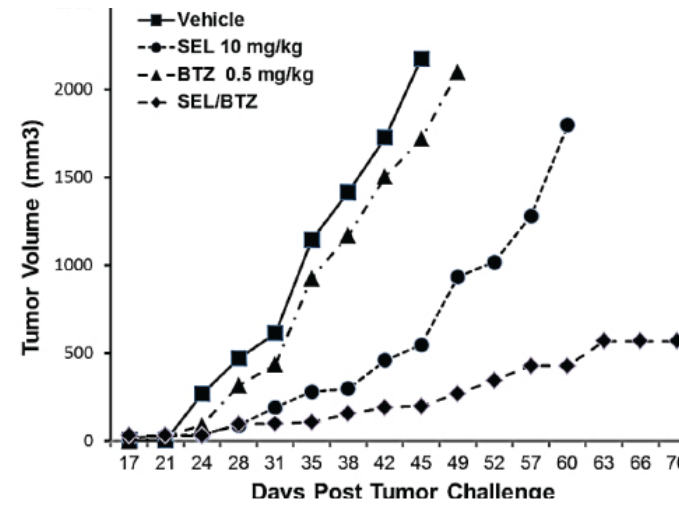
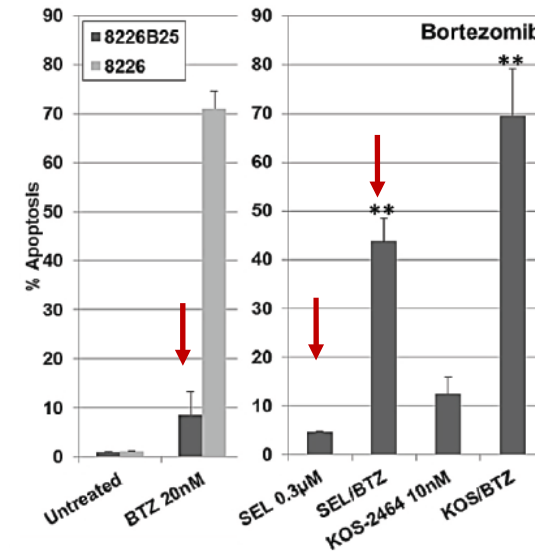
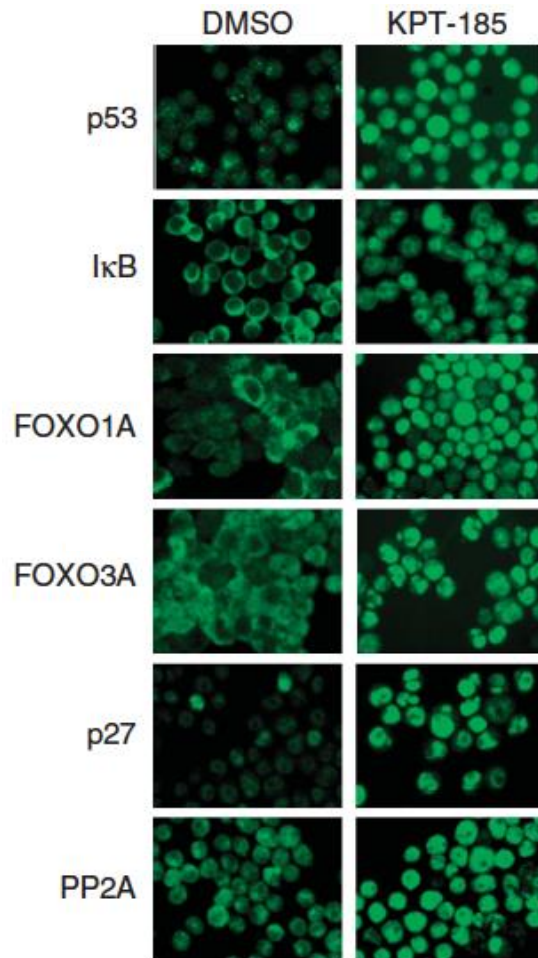
Small-molecule selective inhibitors of nuclear export (SINEs)



Kalid et al, J Comput Aided Mol Des 2012
Neggers et al, Chemistry & Biology 2015

XPO1 as therapeutic target in Myeloma

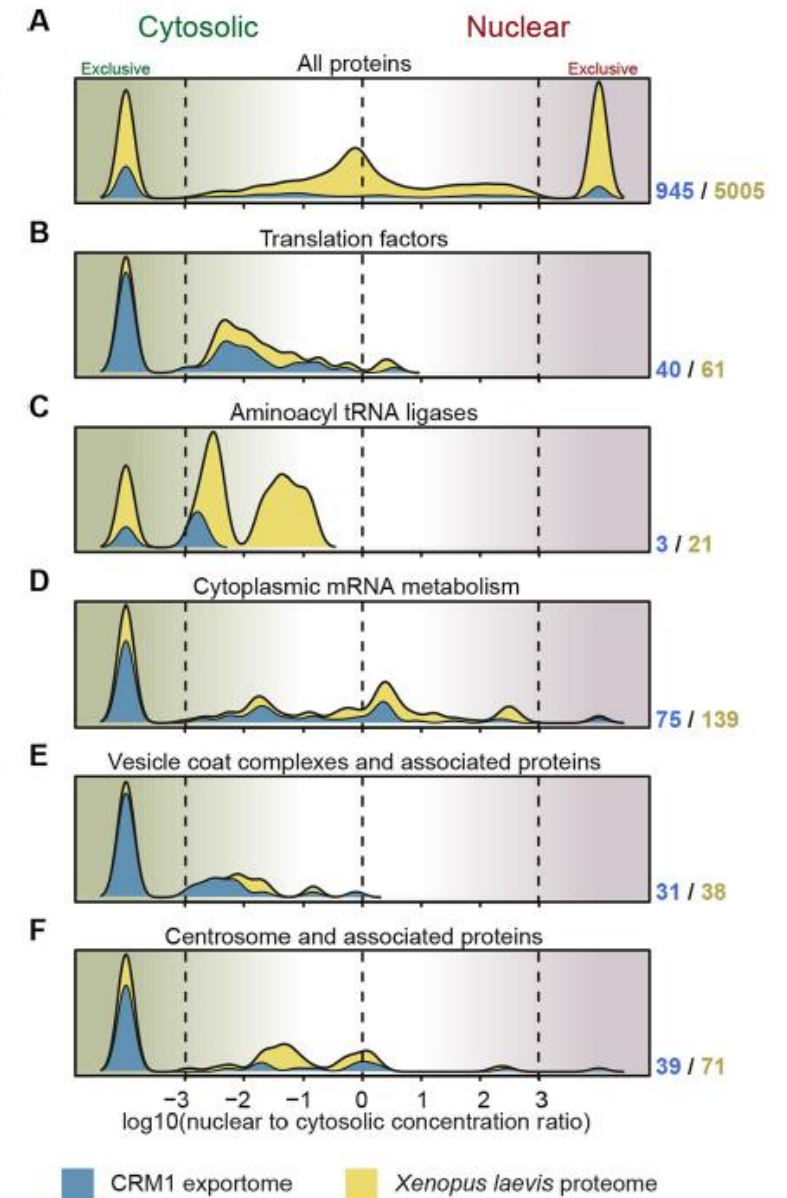
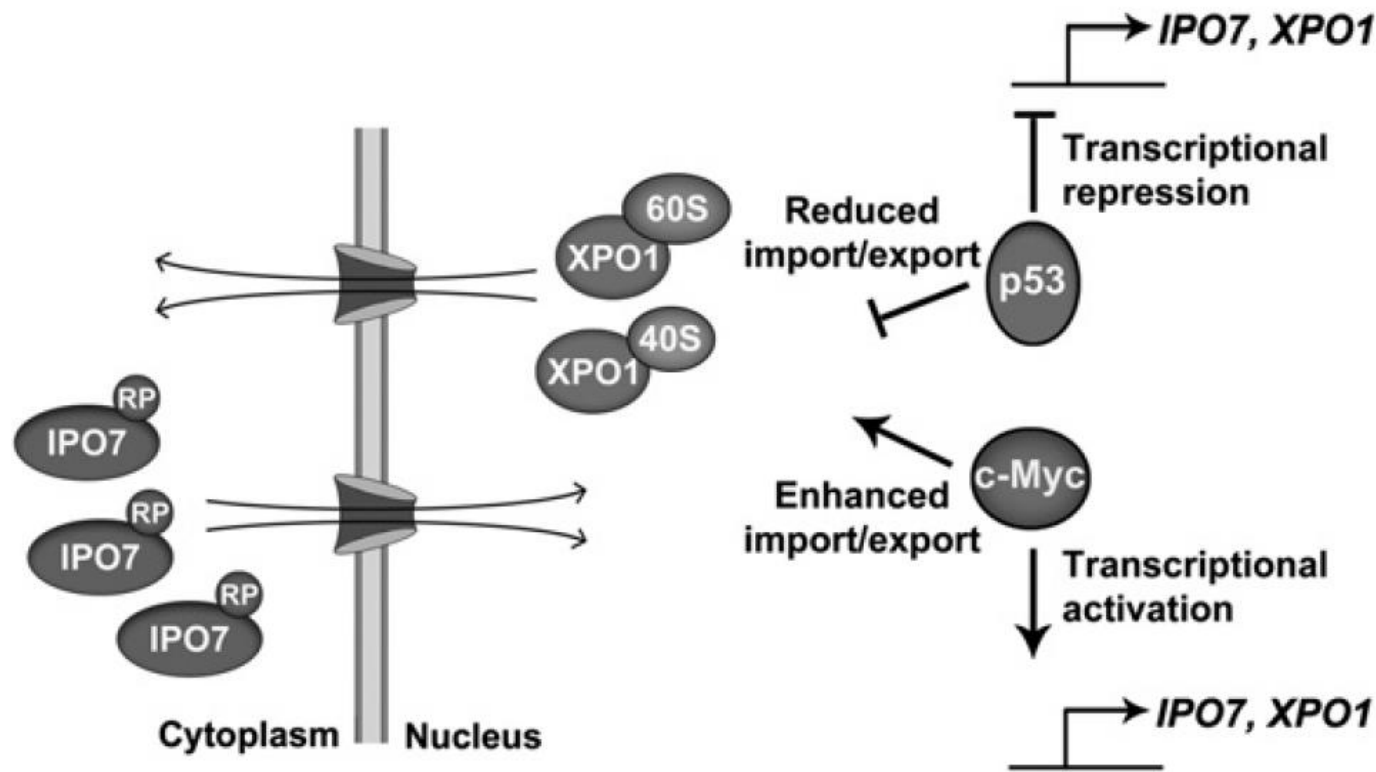
Synergy with Proteasome inhibitors



Tiedemann et al Cancer Research 2011
 Schmidt et al, Leukemia 2013
 Tai et al, Leukemia 2014

Turner et al, Oncotarget 2016
 Rosebeck et al, Mol Cancer Ther 2016

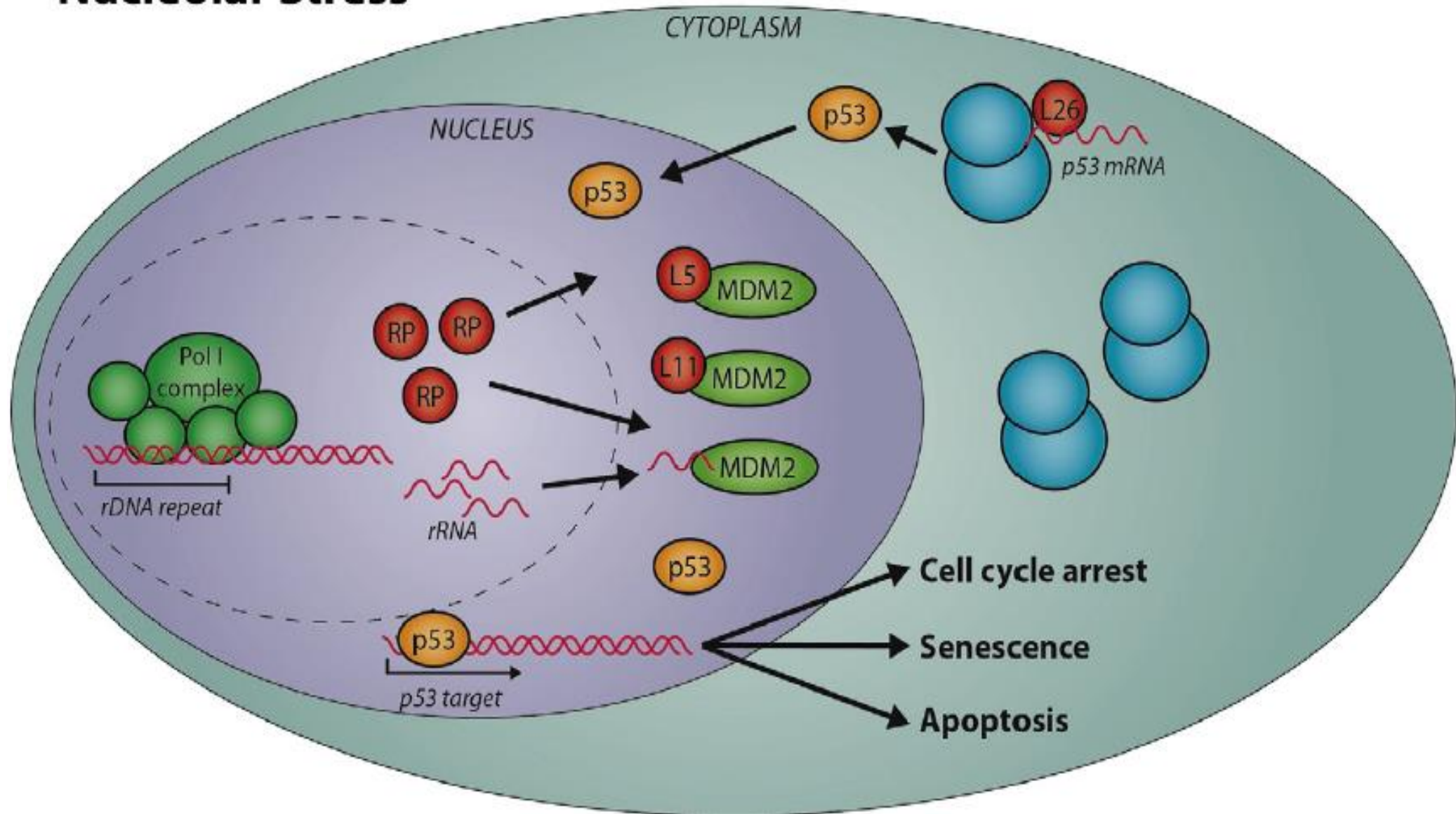
XPO1 regulates translation & Ribosomal biogenesis



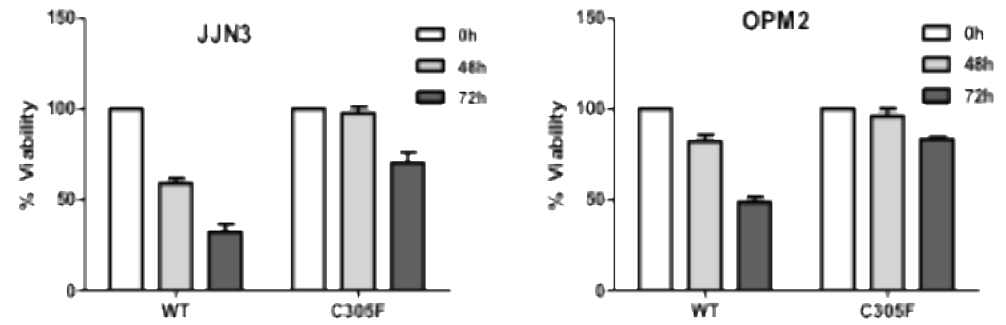
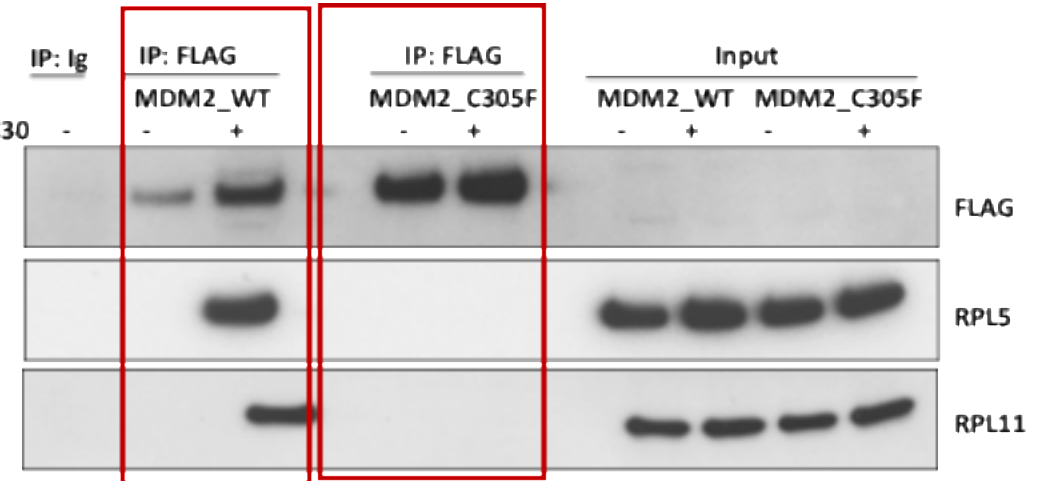
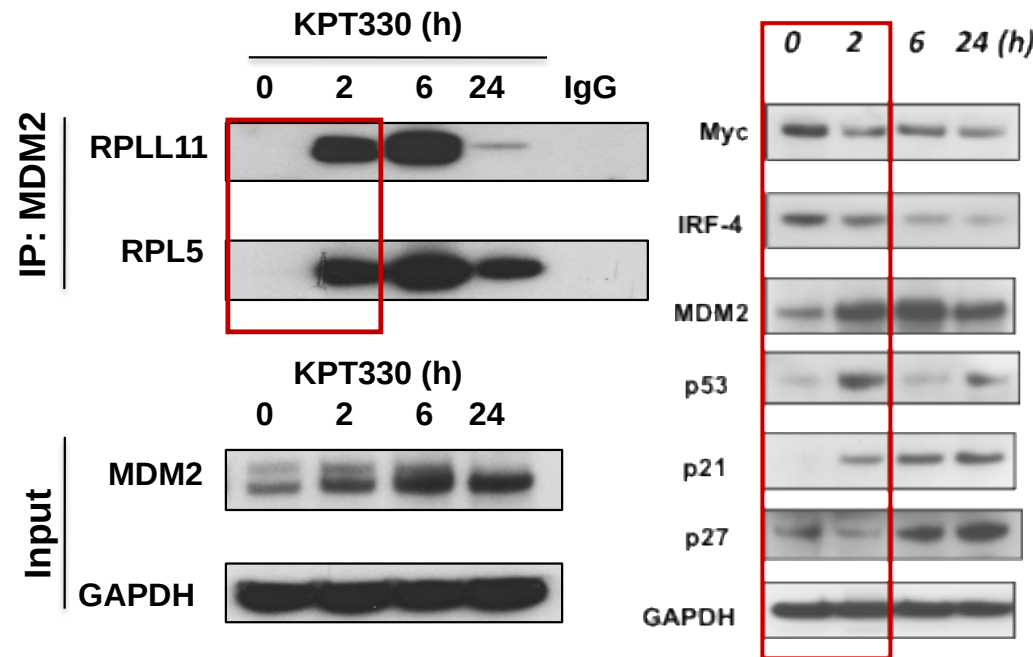
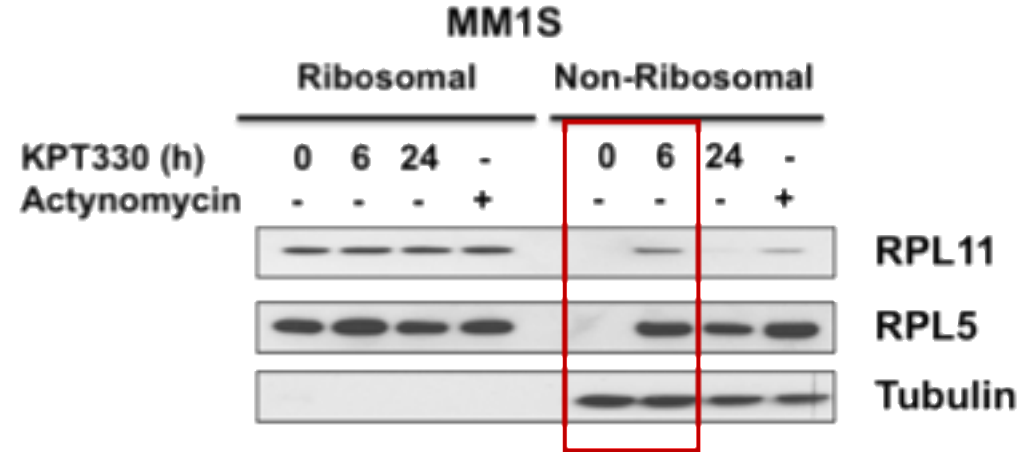
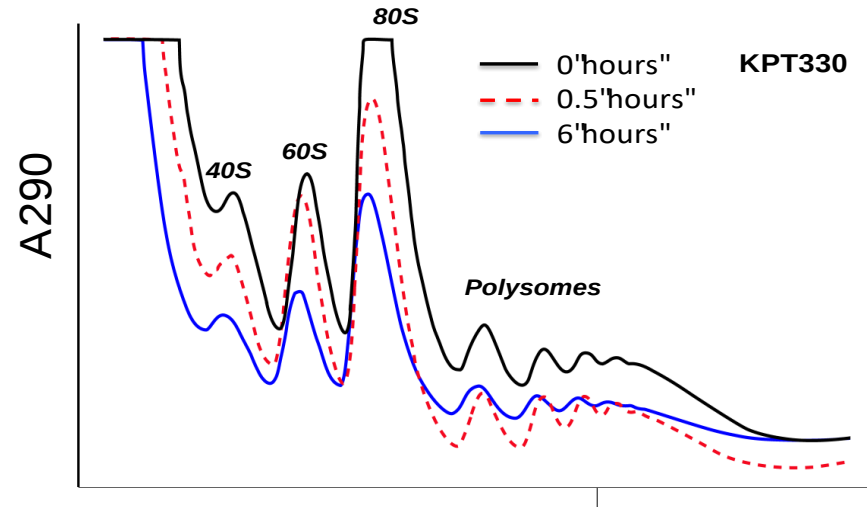
Golomb et al, Molecular Cell 2012
 Kirli et al, eLife 2015
 Fischer et al, eLife 2015
 Moy et al, Genes and Development 1999
 Rouquette et al, The EMBO Journal 2005

Ribosomal stress response

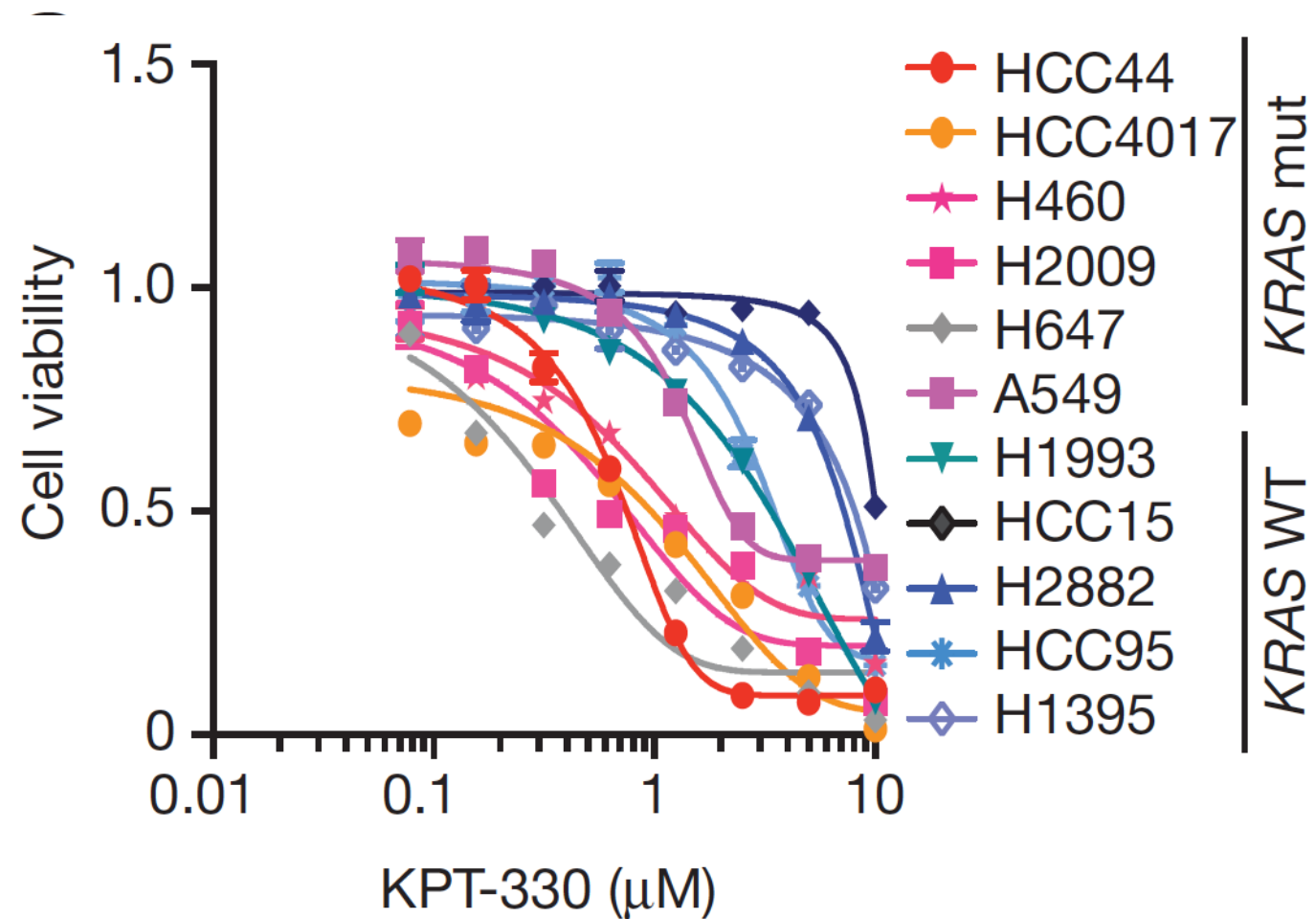
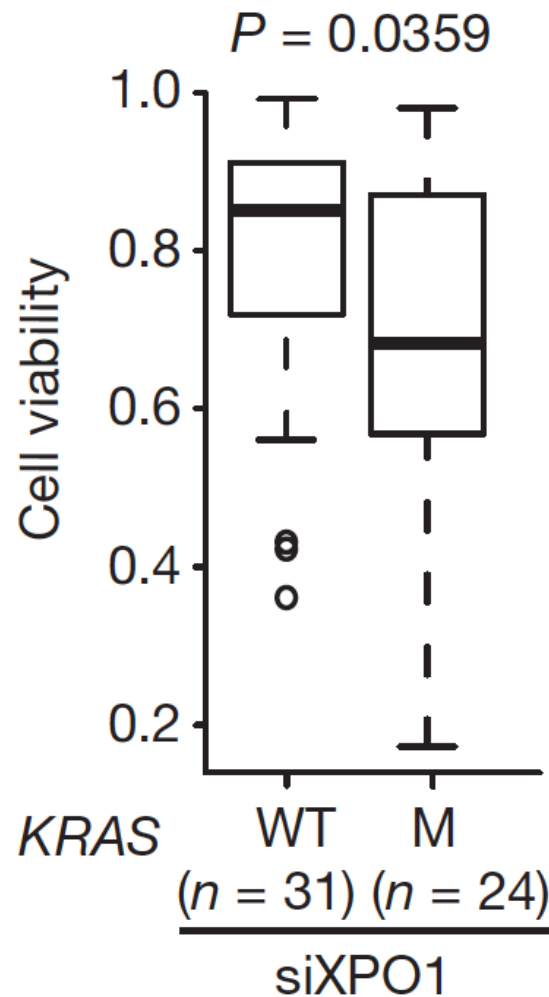
Nucleolar Stress



XPO1 inhibition induces ribosomal stress response in MM cells



XPO1-dependent nuclear export is a druggable vulnerability in KRAS-mutant lung cancer



Selinexor:

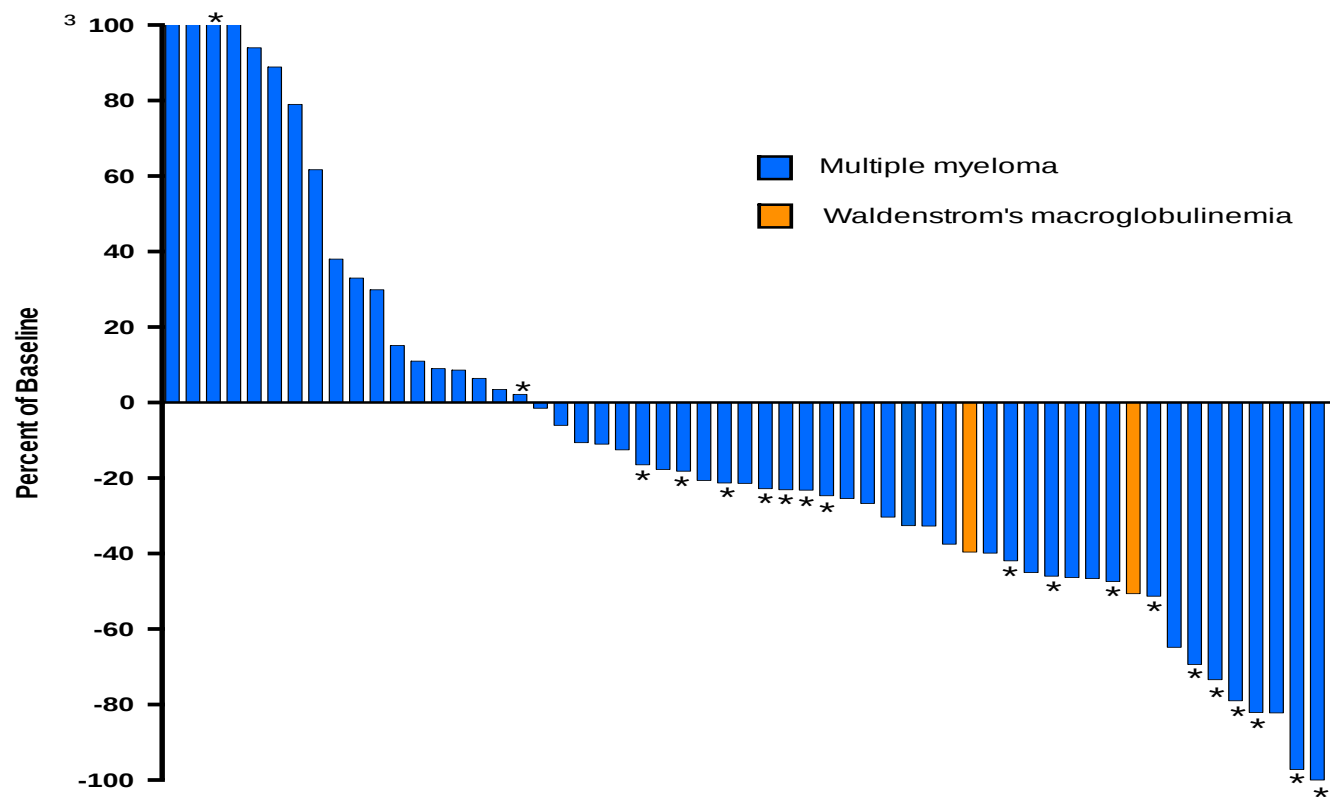
First in Class, Oral Selective Inhibitor of Nuclear Export (SINE)

- XPO1 transports >200 cargo proteins from the nucleus to the cytoplasm
- Overexpression of XPO1, promotes tumor suppressor protein (TSP) mislocalization and proto-oncogene translation
- Selinexor inhibits XPO1 by covalently binding to Cys528 in the cargo pocket, leading to cancer cell death through:
 - **Reactivation of TSPs** (e.g. p53, pRb, IκB, p27, p21, FOXOs)
 - **Inhibition of eIF4E-dependent proto-oncoprotein translation** (e.g. c-Myc, Bcl2, Bcl6, BclX_L, cyclins)
 - **Dexamethasone-dependent-reactivation of the glucocorticoid signaling and blocking mTOR pathway**
 - **Disruption of ribosome assembly and induction of ribosomal stress response**

Selinexor + Dexamethasone: Phase 1 Clinical Data in Relapsed Refractory MM

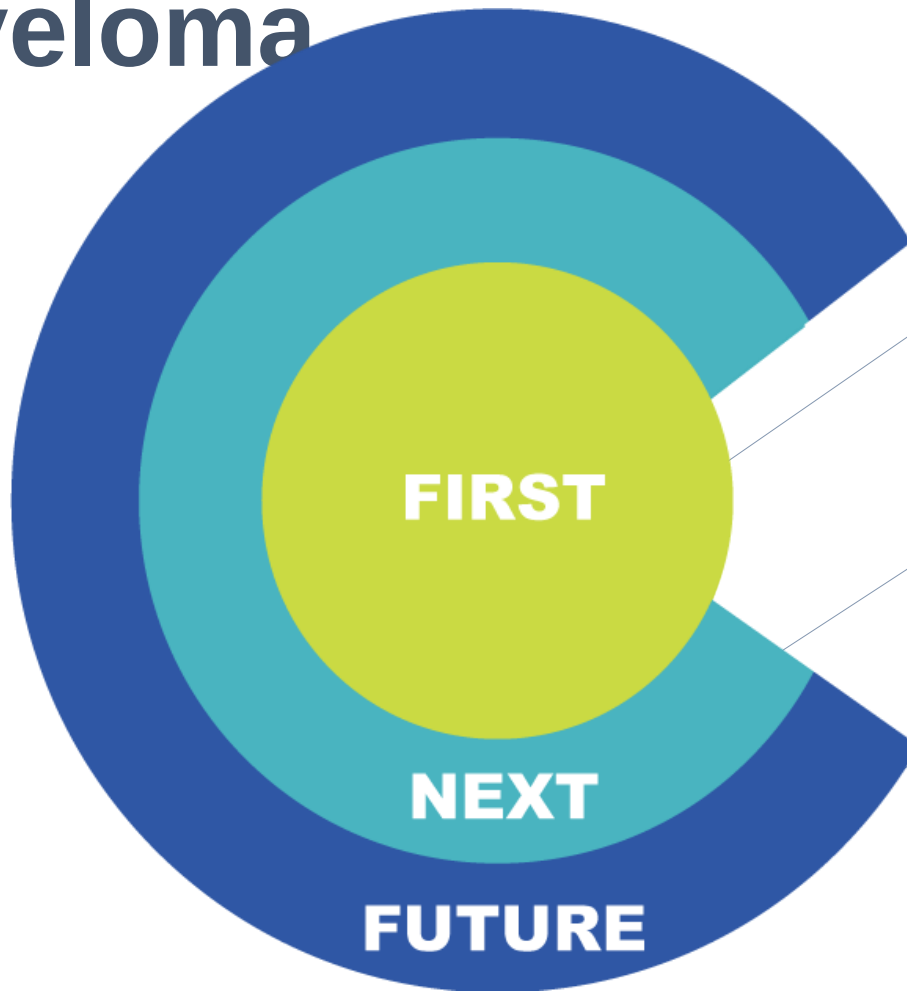
Phase 1 Clinical Trial of Selinexor (Chen et al, Blood 2018)

- Enrolled patients with heavily pretreated MM (n=81) or WM (n=3)
- R2PD was selinexor 45 mg/m² (~80 mg) and dex (20 mg) given twice weekly
- The combination demonstrated an ORR of 50% at the RP2D (n=12 patients)



* Indicates patients treated with selinexor + dexamethasone

Selinexor Development Strategy in Multiple Myeloma



Phase 2b STORM study¹ in penta-refractory² myeloma

- Disease refractory to PIs, IMiDs and Darzalex[®]

Pivotal Phase 3 BOSTON (MCRN 005) study addressing patients with relapsed or refractory disease following 1-3 therapies

- Selinexor and Velcade[®] *both once weekly*

Phase 1b/2 STOMP as a potential backbone therapy in combination with standard approved therapies

- Selinexor and low-dose dexamethasone combined with Revlimid[®], Pomalyst[®], Velcade[®], Kyprolis[®] or Darzalex[®]

¹ Evaluating selinexor with low-dose dexamethasone. ² Patients who have previously received two PIs, Velcade[®] (bortezomib) and Kyprolis[®] (carfilzomib), and two IMiDs, Revlimid[®] (lenalidomide) and Pomalyst[®] (pomalidomide), and the anti-CD38 monoclonal antibody Darzalex[®] (daratumumab), and their disease is refractory to at least one PI, at least one IMiD, and Darzalex[®], and their most recent therapy.

Pivotal STORM Part II: Study Design

Oral Selinexor | **80 mg** + **Dexamethasone** | **20 mg**

- Selinexor / dexamethasone twice weekly (Days 1 and 3) until Disease Progression

Patient Population:

- MM previously treated with bortezomib, carfilzomib, lenalidomide, pomalidomide, daratumumab, an alkylator, and glucocorticoids.
- Disease documented to be refractory to ≥ 1 PI, ≥ 1 IMiD, daratumumab, glucocorticoid and last line of therapy

Primary Endpoint:

Overall Response rate: ORR

Secondary Endpoints:

Duration of Response (DOR),
Clinical benefit rate (CBR),
Overall survival (OS),
Progression free survival (PFS)
Safety

Key Inclusion/Exclusion:

- Creatinine clearance ≥ 20 mL/min
- ANC $\geq 1,000/\text{mm}^3$,
- Platelets $\geq 75,000/\text{mm}^3$ (if BM plasma cell $> 50\%$; plt $> 50,000/\text{mm}^3$)
- Hemoglobin ≥ 8.5 g/dL

Pivotal STORM Part II: Patient Characteristics

	N=122*
Age , years median (range)	65 (40 – 86)
Time from Diagnosis , Years median (range)	6.6 (1.1 – 23.4)
Males : Females	71 M (58%) : 51 F (42%)
Creatinine Clearance < 60 mL/min	40 (32%)
High Risk Cytogenetics: (del17p, t(4;14), t(14;16), 1q21)	65 (53%)
MM Subtype: FLC	35 (29%)
ECOG Performance Status: 0 / 1 / 2 / Unk	30% / 58% / 9% / 2%
Revised International Staging System (R-ISS): I / II / III / Unk	16% / 64% / 19% / <1%

*A total of 123 patients were enrolled, however 1 patient did not meet eligibility criteria, thus was excluded from this analysis

Pivotal STORM Part II: Prior Therapies

	N=122
Median Prior Regimens (range)	7 (3 – 18)
Number of Prior Treatment Regimens	
≤6	48 (39%)
7–8	38 (31%)
≥9	36 (30%)
Prior Treatments	
-Refractory to PI / IMiD / Daratumumab / Glucocorticoid	122 (100%)
-Refractory to Carfilzomib/Pomalidomide/Daratumumab	117 (96%)
-Refractory to 2 PIs / 2 IMiDs / Daratumumab	83 (68%)
-Stem Cell Transplant	102 (84%)
- ≥2 Transplants	29 (28%)
-Intensive Combination Chemotherapy (e.g. DT-PACE)	32 (26%)
-Daratumumab in Last Prior Regimen	58 (48%)
-Daratumumab in Combination	86 (70%)
-CAR-T Cell Therapy	2 (2%)

Pivotal STORM Part II:

Treatment Related Non-Hematological Adverse Events in ≥10% of Patients

Gastrointestinal Disorders	Grade 1	Grade 2	Grade 3	Grade 4	Total (N=122)
Nausea	32 (26.0%)	41 (33.3%)	12 (9.8%)	--	85 (69.1%)
Anorexia	19 (15.4%)	41 (33.3%)	4 (3.3%)	--	64 (52.0%)
Vomiting	18 (14.6%)	21 (17.1%)	4 (3.3%)	--	43 (35.0%)
Diarrhea	21 (17.1%)	12 (9.8%)	8 (6.5%)	--	41 (33.3%)
Altered Taste	7 (5.7%)	5 (4.1%)	--	--	12 (9.8%)
Constipation	8 (6.5%)	3 (2.4%)	1 (0.8%)	--	12 (9.8%)
Constitutional					
Fatigue/Asthenia	16 (13.0%)	42 (34.1%)	28 (22.8%)	--	86 (69.9%)
Weight Loss	31 (25.2%)	26 (21.1%)	1 (0.8%)	--	58 (47.2%)
Dizziness	10 (8.1%)	3 (2.4%)	--	--	13 (10.6%)
Other					
Hyponatremia	18 (14.6%)	--	20 (16.3%)	--	38 (30.9%)
Insomnia	8 (6.5%)	3 (2.4%)	2 (1.6%)	--	13 (10.6%)
Pneumonia¹	--	2 (1.6%)	3 (2.4%)	--	6 (4.9%)
Sepsis²	--	--	--	1 (0.8%)	2 (1.6%)

¹Pneumonia – 1 Grade 5 Event

²Sepsis – 1 Grade 5 Event

Pivotal STORM Part II:

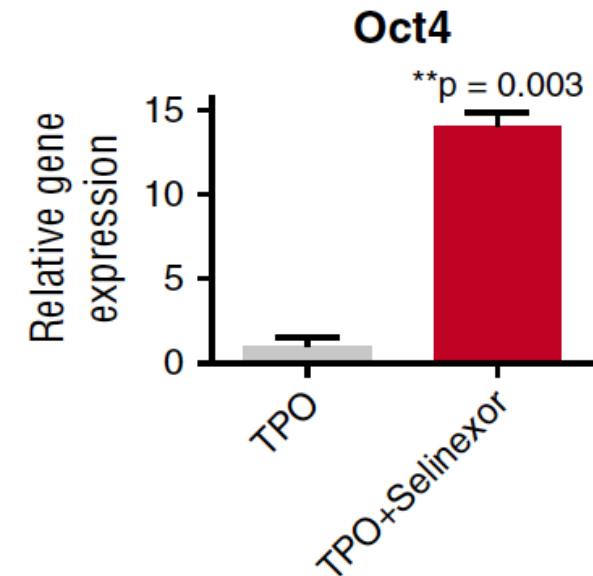
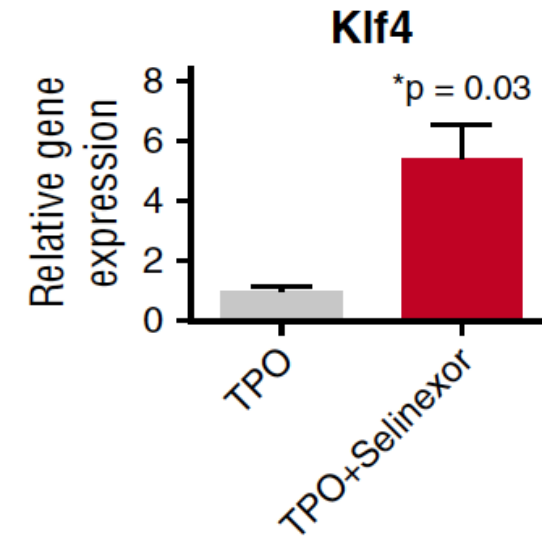
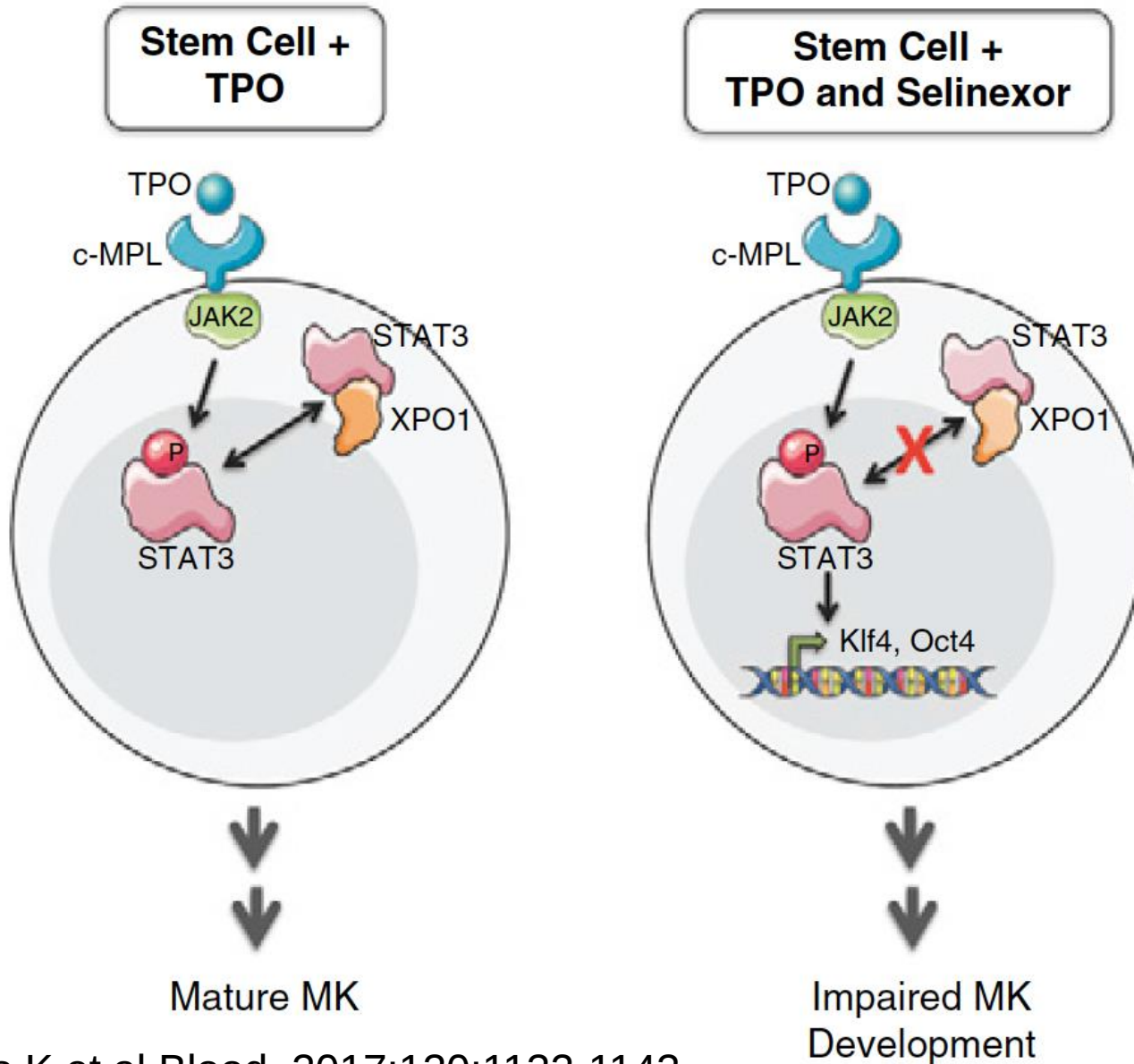
Treatment Related Hematological Adverse Events in ≥10% of Patients

Adverse Event Term	Grade 1	Grade 2	Grade 3	Grade 4	Total (N=122)
Thrombocytopenia	10 (8.1%)	7 (5.7%)	28 (22.8%)	38 (30.9%)	83 (67.5%)
Anemia	5 (4.1%)	18 (14.6%)	35 (28.5%)	1 (0.8%)	59 (48.0%)
Neutropenia*	6 (4.9%)	16 (13.0%)	18 (14.6%)	4 (3.3%)	44 (35.8%)
Leukopenia	6 (4.9%)	13 (10.6%)	17 (13.8%)	--	36 (29.3%)
Lymphopenia	2 (1.6%)	4 (3.3%)	8 (6.5%)	3 (2.4%)	17 (13.8%)

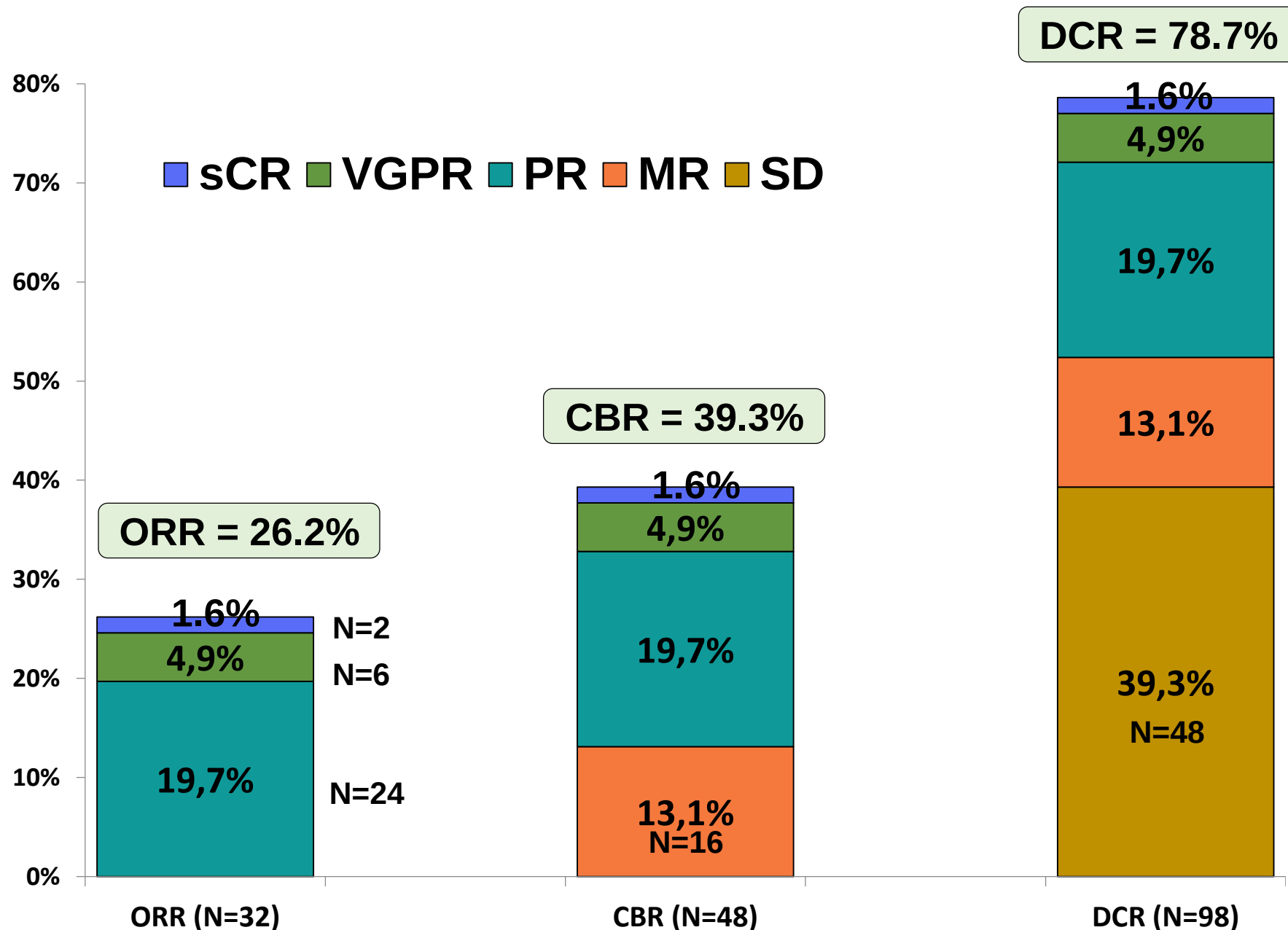
*Febrile Neutropenia (Grade 3) in 2 patients (1.6%)

23 patients (19.5%) discontinued due to treatment related AE

Selinexor-induced thrombocytopenia results from inhibition of thrombopoietin signaling in early megakaryopoiesis



Pivotal STORM Part II: Efficacy

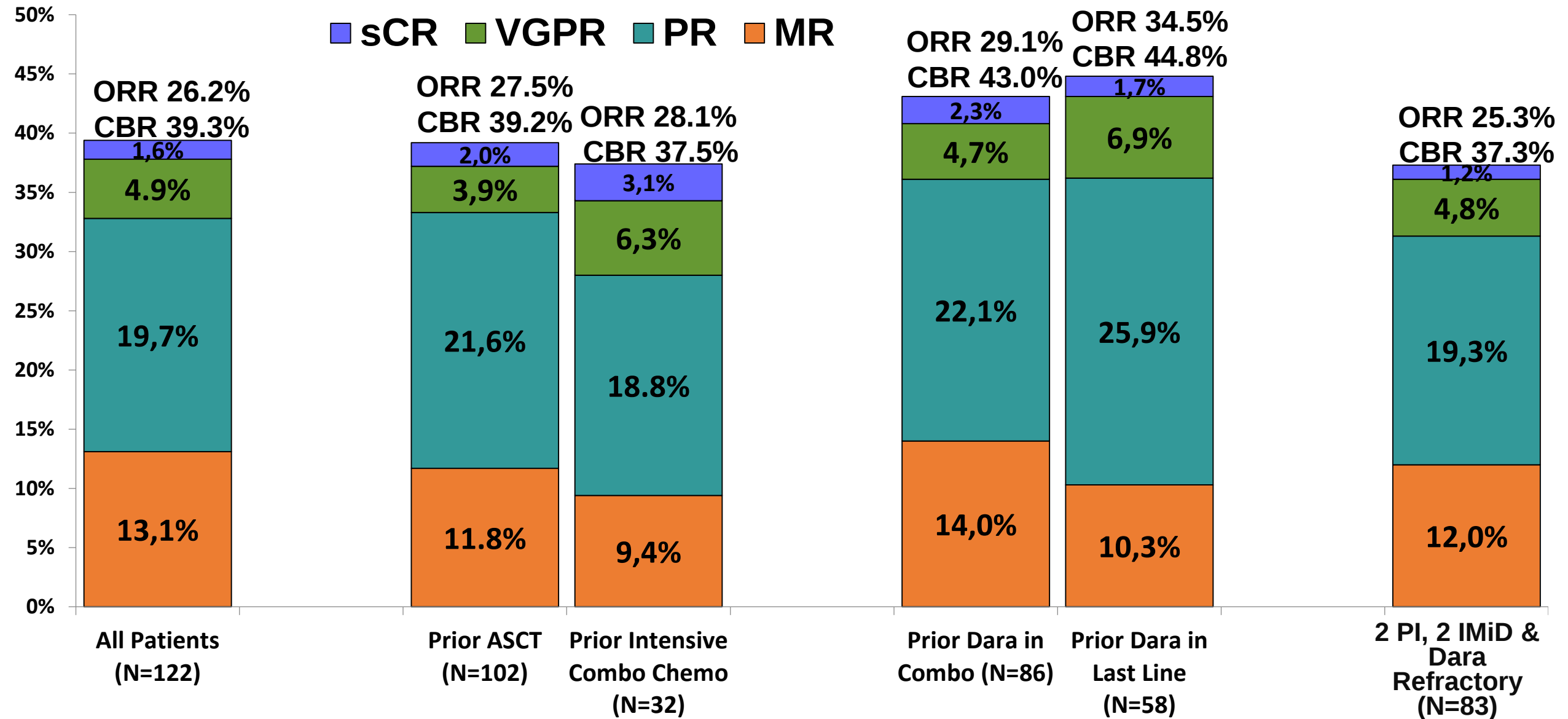


- In penta-refractory MM patients with a median of 7 prior treatment regimens, **ORR of 26.2%**, including **2 stringent CRs /MRD negative** at 10^{-6} and 10^{-4}
- Median time to response was **1 month** (range 1 to 14 weeks)
- 16 patients (13.1%) progressed (PD) on therapy and 10 patients (8.2%) were not evaluable for response

Responses as of August 17, 2018 were adjudicated according to the IMWG criteria (Kumar, 2016) by an independent review committee (IRC).

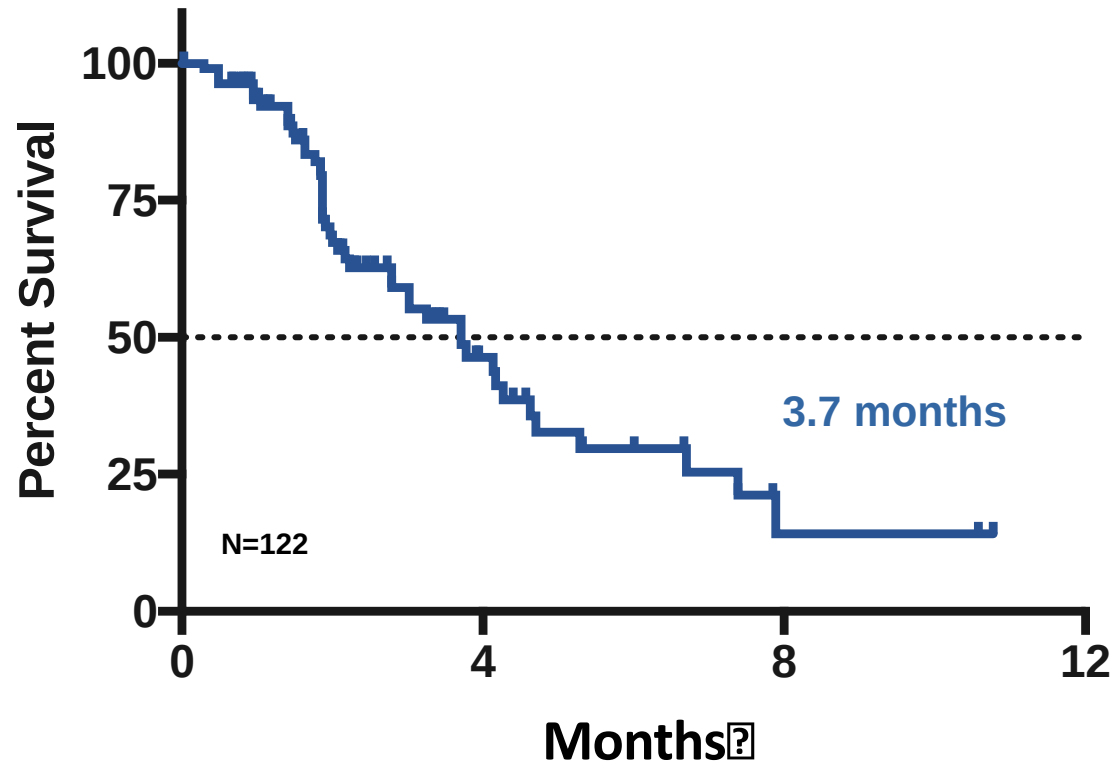
DCR=Disease Control Rate (sCR+VGPR+PR+MR+SD)

Pivotal STORM Part II: Efficacy Sub-Groups

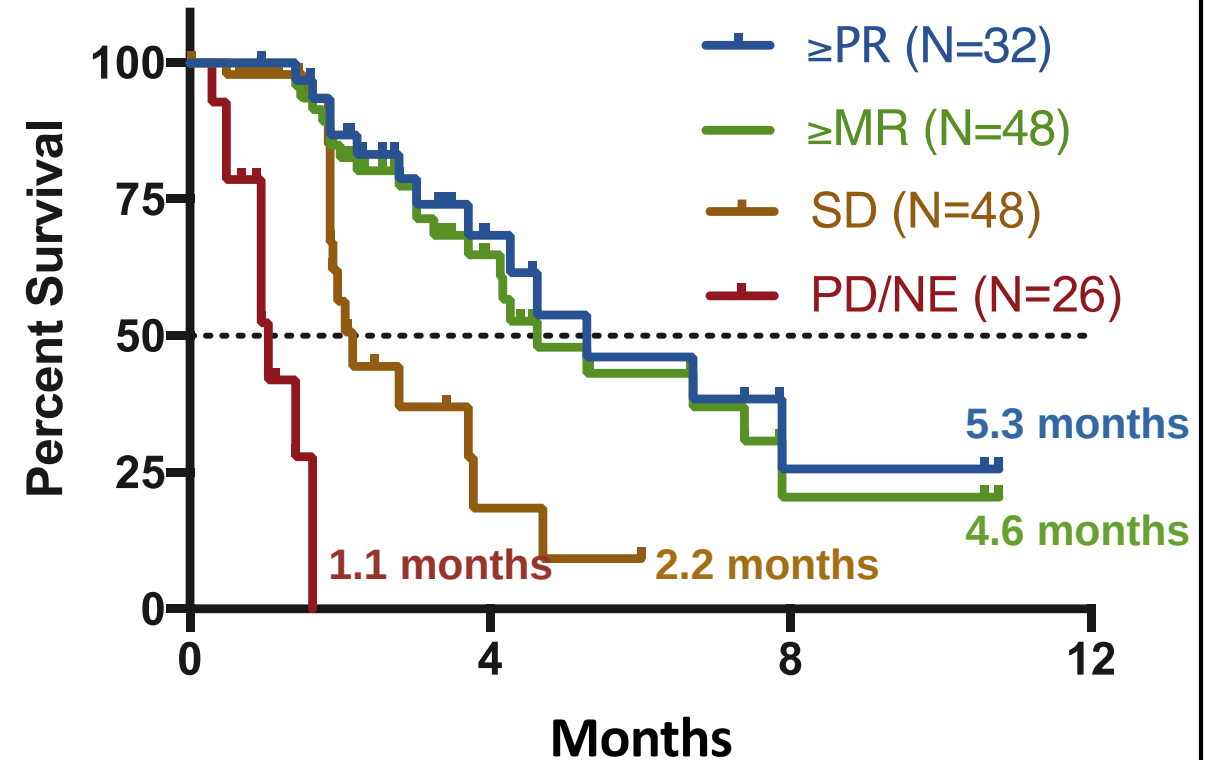


Pivotal STORM Part II: Progression Free Survival

Progression Free Survival – All



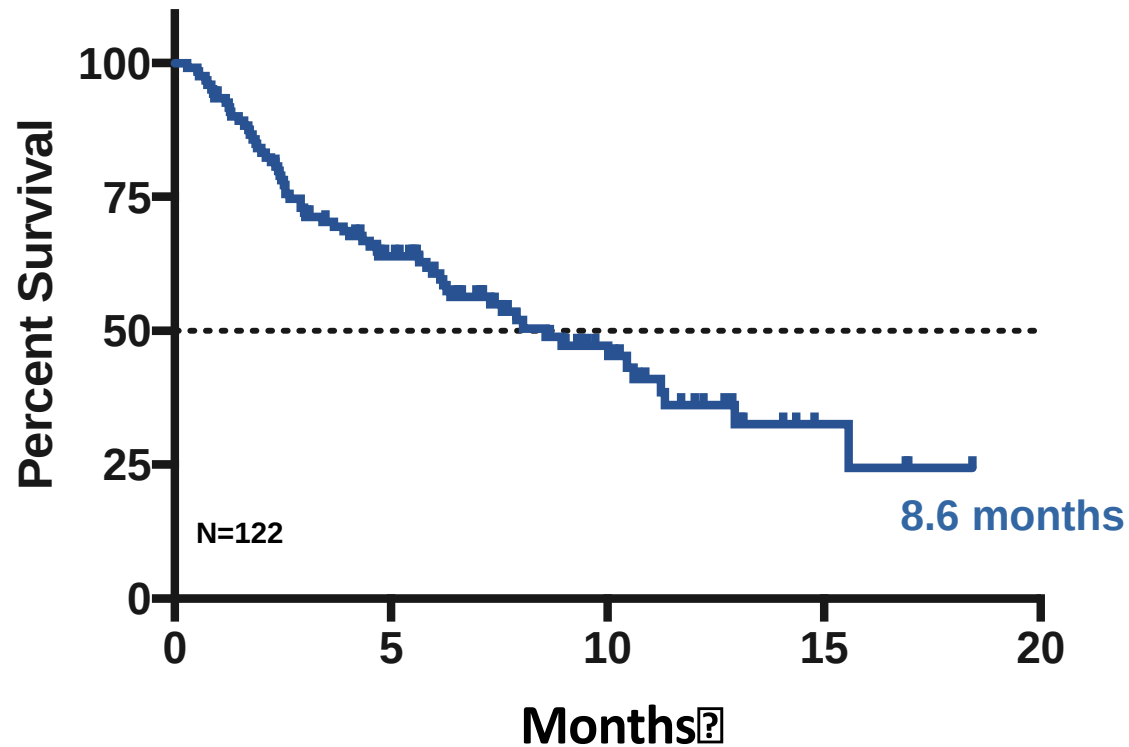
Progression Free Survival – Groups



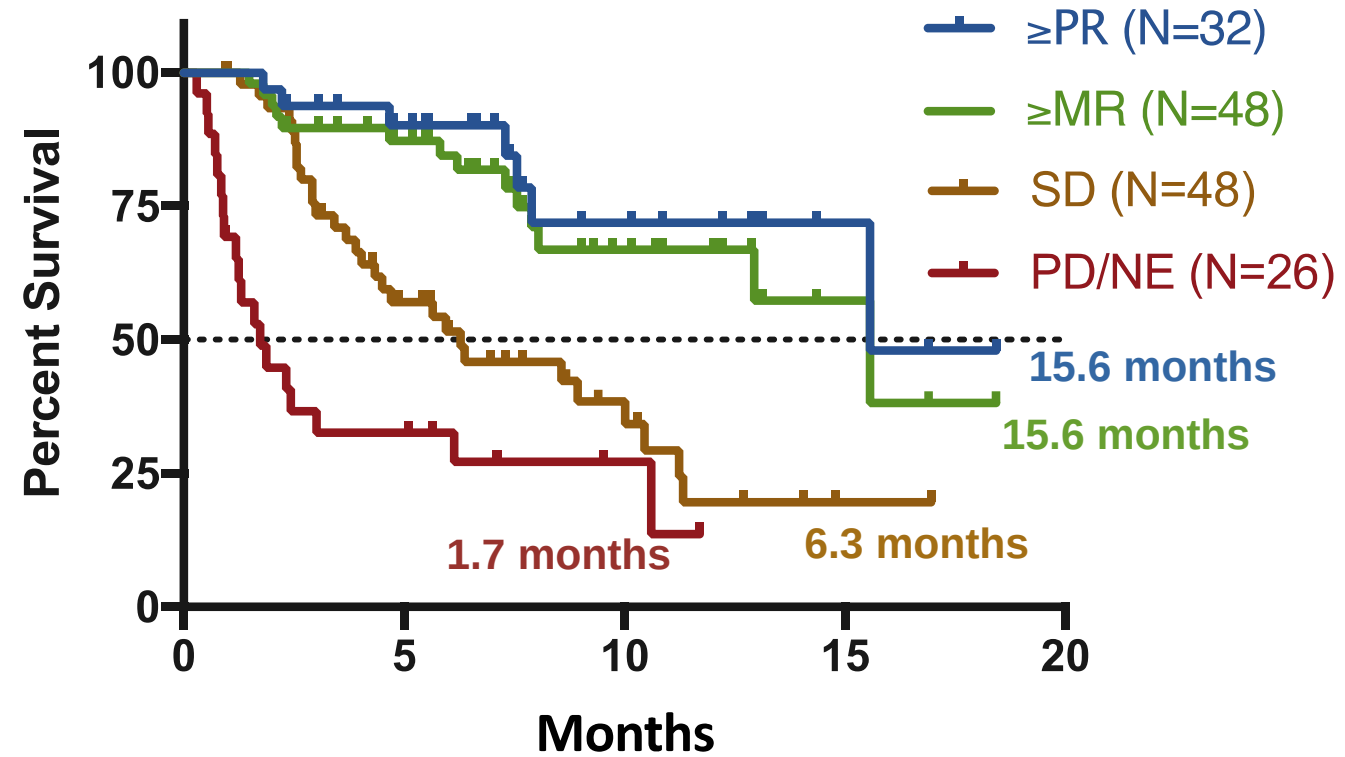
Category	All Patients (N=122)	≥ PR (N=32)	≥ MR (N=48)	SD (N=48)	PD/NE (N=26)
Median PFS	3.7 Months	5.3 Months	4.6 Months	2.2 Months	1.1 Months

Pivotal STORM Part II: Overall Survival

Overall Survival – All



Overall Survival – Groups



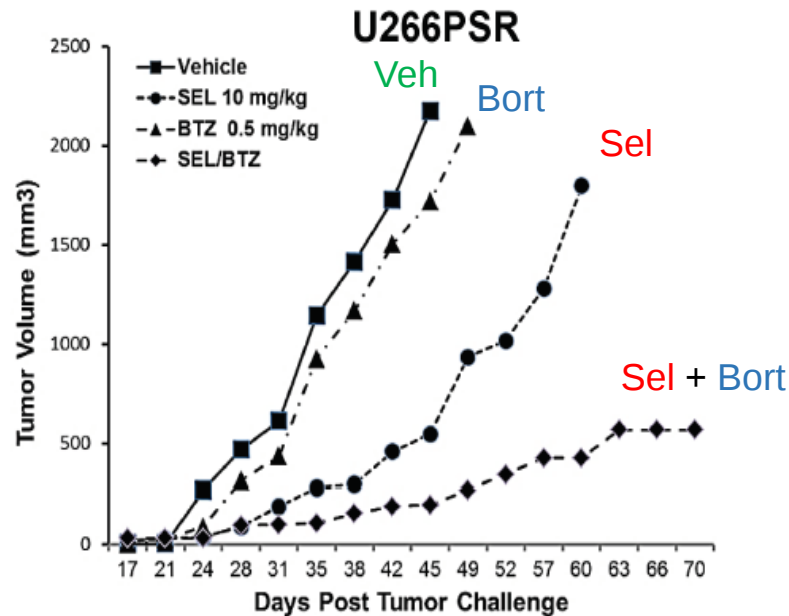
Category	All Patients (N=122)	$\geq$ PR (N=32)	$\geq$ MR (N=48)	SD (N=48)	PD/NE (N=26)
Median OS	8.6 Months	15.6 Months	15.6 Months	6.3 Months	1.7 Months

Pivotal STORM Part II: Conclusions

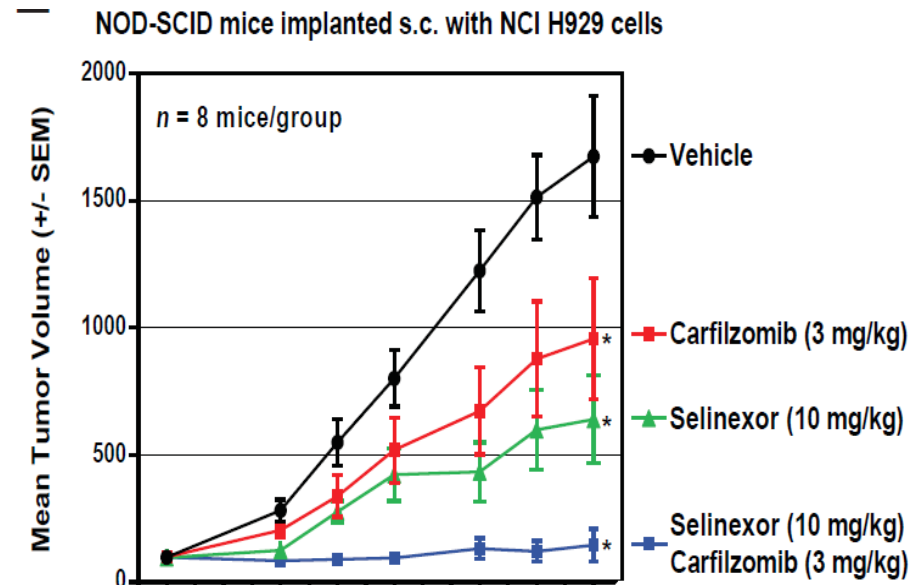
- **Selinexor plus dexamethasone** is an all-oral, first in class investigational treatment with a novel mechanism of action
- Most important G3/4 AEs: thrombocytopenia (53.7%); anemia (29.3%); fatigue (22.8%); hyponatremia (16.3%); nausea (9.8%); diarrhea (6.5%); anorexia (3.3%), emesis (3.3%)
- **Selinexor plus dexamethasone achieved:**
 - **ORR of 26.2% in Penta–Refractory Myeloma**
 - Duration of Response **4.4 months**
 - Clinical Benefit Rate of **39.3%**; Disease Control Rate ($\geq$ SD) of **78.7%**
 - 2 patients achieved sCRs: both **MRD negative**
- **Median OS: 8.6 months; 15.6 months in pts that achieved $\geq$ MR; 1.7 months in pts with PD/NE**

Selinexor synergises with anti-MM agents in xenografted Animal Models

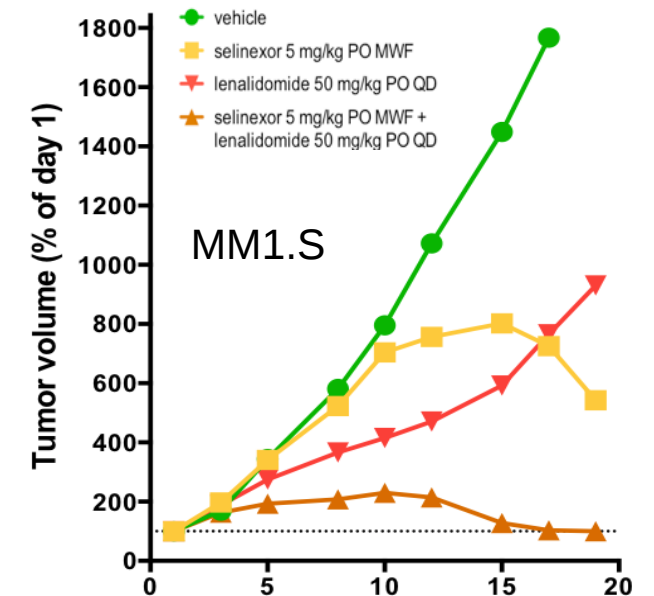
Selinexor + Bortezomib



Selinexor + Carfilzomib



Selinexor + lenalidomide



STOMP: A Phase 1b/2 Study of Selinexor in Combinations In Patients with Multiple Myeloma

Drug	SVd ARM	SPd ARM	SRd ARM	SRd – Newly Diagnosed Patients	SDd ARM	SKd Arm
Selinexor, Oral	60 – 80 mg BIW 80 –100 mg QW	60 – 80 mg BIW 80 – 100 mg QW	60 – 80 mg BIW 80 – 100 mg QW	60 – 80 mg, QW	60 mg BIW 100 mg QW	100 mg QW
Bortezomib, SC	1.3 mg/m ² – QW/BIW	--	--	--	--	--
Pomalidomide, PO	--	3 – 4 mg, QD	--	--	--	--
Lenalidomide, PO	--	--	25 mg, QD	25 mg, QD	--	--
Daratumumab, IV	--	--	--	--	16 mg/kg, QW	--
Carfilzomib, IV	--	--	--	--	--	56 – 70 mg/m ² , QW
Dexamethasone	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW

Selinexor Combined with Low Dose Bortezomib and Dexamethasone (SVd) Induces a High Response Rate in Patients with Relapsed or Refractory Multiple Myeloma (MM)

Nizar J. Bahlis¹, Heather Sutherland², Darrell White³, Michael Sebag⁴, Suzanne Lentzsch⁵, Rami Kotb⁶, Chris Venner⁷, Cristina Gasparetto⁸, Gary Schiller⁹, Richard LeBlanc¹⁰, William Bensinger¹¹, Brea Lipe¹², Aldo Del Col¹³, Michael Kauffman¹⁴, Sharon Shacham¹⁴, Jacqueline Jeha¹⁴, Jean-Richard Saint-Martin¹⁴, Jatin Shah¹⁴, Christine Chen¹⁵

(1) Southern Alberta Cancer Research Institute, Calgary, Alberta (2) Vancouver General Hospital, Vancouver, British Columbia (3) Dalhousie University and QEII Health Sciences Center, Halifax; Nova Scotia (4) Royal Victoria Hospital, Montreal, Québec (5) Columbia University, New York; NY (6) Cancer Care Manitoba, Winnipeg, Manitoba (7) Cross Cancer Institute, Edmonton, Alberta (8) Duke University Cancer Center, Durham, North Carolina (9) David Geffen School of Medicine at UCLA, Los Angeles, California (10) Hôpital Maisonneuve-Rosemont, Montreal, Quebec (11) Swedish Cancer Center, Seattle; WA (12) University of Rochester Medical College, New York, NY (13) Myeloma Canada, Laval, Quebec (14) Karyopharm Therapeutics, Newton, MA (15) Princess Margaret Cancer Center, Toronto, Ontario

STOMP Study Design

- **Selinexor and backbone Treatments Of multiple Myeloma Patients (STOMP)** is an open-label, randomized (once- vs. twice-weekly dosing), dose escalation (Phase 1) and expansion (Phase 2) evaluating selinexor plus backbone therapies in patients with relapsed/refractory multiple myeloma (MM)
- **Objectives:**
 - Primary Endpoint: determine MTD and recommended phase 2 dose (RP2D)
 - Secondary Endpoint: determine ORR and DOR for each arm independently
- **Dose Limiting Toxicity (DLT) Definition: Evaluable in Dose Escalation Cycle 1 Only**
 - >1 missed dose (out of 4 doses – once-weekly selinexor dose schedules), or >2 missed doses (out of 6 doses – twice weekly dose schedules) of selinexor during a cycle due to study-drug related toxicity
 - Discontinuation of a patient before completing Cycle 1, due to study-drug related toxicity
 - Grade 3 nausea, vomiting, dehydration, diarrhea or fatigue lasting >3 days despite optimal supportive medications
 - Grade 4 neutropenia lasting > 7 days or Grade ≥ 3 thrombocytopenia with clinically significant bleeding, petechiae or purpura

STOMP Study Design (Cont.)

- **Patient Population SVd:** Patients whose MM has relapsed after ≥ 1 prior therapy – may include prior bortezomib (V), but not refractory to V in their most recent line of therapy
- **SVd Dose Escalation Scheme:** A standard 3 + 3 design will be used for all dose escalations which contains 2 Cohorts to evaluate QW vs. BIW selinexor dosing. V dosing will be evaluated QW vs. BIW. Once the MTD in a cohort is reached, additional patients will be added to determine RP2D.

Drug	SVd ARM	SPd ARM	SRd ARM	SDd ARM	SKd Arm	SRd – Newly Diagnosed Patients
Selinexor, Oral	60 – 80 mg BIW 80 – 100 mg QW	60 – 80 mg BIW 80 – 100 mg QW	60 – 80 mg BIW 80 – 100 mg QW	60 mg BIW 100 mg QW	100 mg QW	60 – 80 mg, QW
Bortezomib, SC	1.3 mg/m ² – QW/BIW	--	--	--	--	--
Pomalidomide, PO	--	3 – 4 mg, QD	--	--	--	--
Lenalidomide, PO	--	--	25 mg, QD	--	--	25 mg, QD
Daratumumab, IV	--	--	--	16 mg/kg, QW	--	--
Carfilzomib, IV	--	--	--	--	56 – 70 mg/m ² , QW	--
Dexamethasone, Oral	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW	20 mg BIW or 40 mg QW

Data presented will focus on the SVd arm. BIW=Twice Weekly, QW=Once Weekly, Dexamethasone will be dosed on selinexor dosing days

SVd Patient Characteristics

SVd Patient Characteristics	N
Enrolled as of June 5, 2018	42
-60 mg selinexor BIW + 1.3 mg/m ² bortezomib QW	3
-80 mg selinexor BIW + 1.3 mg/m ² bortezomib QW	6
-80 mg selinexor QW + 1.3 mg/m ² bortezomib QW	4
-80 mg selinexor QW + 1.3 mg/m ² bortezomib BIW	3
-100 mg selinexor QW + 1.3 mg/m² bortezomib QW (RP2D)	26
Median Age, Years (range)	64 (43 – 75)
Males : Females	23 M : 19 F
Median Years from Diagnosis to SVd Treatment, Years (range)	5 (1 – 19)
Median Prior Regimens (range)	3 (1 – 11)
-Proteasome Inhibitor Therapy	38 (90%)
-Refractory to Proteasome Inhibitor Therapy	21 (50%)
-Immunomodulatory Drug Therapy	38 (90%)
-Stem Cell Transplant	31 (74%)
International Staging System (ISS) at Diagnosis	
ISS Stage I	16 (38%)
ISS Stage II	11 (26%)
ISS Stage III	11 (26%)
ISS Stage Unknown	4 (10%)

SVd Treatment Related Adverse Events

AE Term	60/80 mg Sel QW/BIW + 1.3 mg/m ² Bort QW/BIW (N=16)				100 mg Sel QW + 1.3 mg/m ² Bort QW RP2D Patients (N=26)				Total (N=42)
Hematologic	Grade 1/2	Grade 3	Grade 4	Total (N=16)	Grade 1/2	Grade 3	Grade 4	Total (N=26)	
Thrombocytopenia	1 (6.3%)	4 (25.0%)	7 (43.8%)	12 (75.0%)	1 (3.8%)	3 (11.5%)	5 (19.2%)	9 (34.6%)	21 (50.0%)
Neutropenia	--	4 (25.0%)	1 (6.3%)	5 (31.3%)	1 (3.8%)	6 (23.1%)	--	7 (26.9%)	12 (28.6%)
Anemia	1 (6.3%)	4 (25.0%)	--	5 (31.3%)	3 (11.5%)	1 (3.8%)	--	4 (15.4%)	9 (21.4%)
Gastrointestinal									
Nausea	5 (31.3%)	2 (12.5%)	--	7 (43.8%)	20 (76.9%)	--	--	20 (76.9%)	27 (64.3%)
Anorexia	8 (50.0%)	1 (6.3%)	--	9 (56.3%)	16 (61.5%)	--	--	16 (61.5%)	25 (59.5%)
Diarrhea	7 (43.8%)	2 (12.5%)	--	9 (56.3%)	10 (38.5%)	1 (3.8%)	--	11 (42.3%)	20 (47.6%)
Vomiting	4 (25.0%)	1 (6.3%)	--	5 (31.3%)	8 (30.8%)	--	--	8 (30.8%)	13 (31.0%)
Altered Taste	2 (12.5%)	--	--	2 (12.5%)	4 (15.4%)	--	--	4 (15.4%)	6 (14.3%)
Constitutional									
Fatigue	9 (56.3%)	--	--	9 (56.3%)	10 (38.5%)	6 (23.1%)	--	16 (61.5%)	25 (59.5%)
Weight loss	5 (31.3%)	--	--	5 (31.3%)	5 (19.2%)	--	--	5 (19.2%)	10 (23.8%)
Dehydration	2 (12.5%)	--	--	2 (12.5%)	3 (11.5%)	--	--	3 (11.5%)	5 (11.9%)
Other									
Vision Blurred	2 (12.5%)	--	--	2 (12.5%)	6 (23.1%)	--	--	6 (23.1%)	8 (19.0%)
Edema	4 (25.0%)	--	--	4 (25.0%)	3 (11.5%)	--	--	3 (11.5%)	7 (16.7%)
Peripheral Neuropathy	2 (12.5%)	--	--	2 (12.5%)	4 (15.4%)	--	--	4 (15.4%)	6 (14.3%)
Cataract	3 (18.8%)	--	1 (6.3%)	4 (25.0%)	2 (7.7%)	--	--	2 (7.7%)	6 (14.3%)
Confusion	1 (6.3%)	1 (6.3%)	--	2 (12.5%)	3 (11.5%)	--	--	3 (11.5%)	5 (11.9%)
Hyponatremia	2 (12.5%)	--	--	2 (12.5%)	1 (3.8%)	2 (7.7%)	--	3 (11.5%)	5 (11.9%)

- MTD was not reached. No DLT's were reported.
- Patients (n=3) in the BIW bortezomib (V) cohort were reduced to QW after C1.
- No G3 eripheral neuropathy, G2: 2 patients.
- RP2D of SVd is Sel 100 mg, V 1.3 mg/m² and dex 40 mg, QW

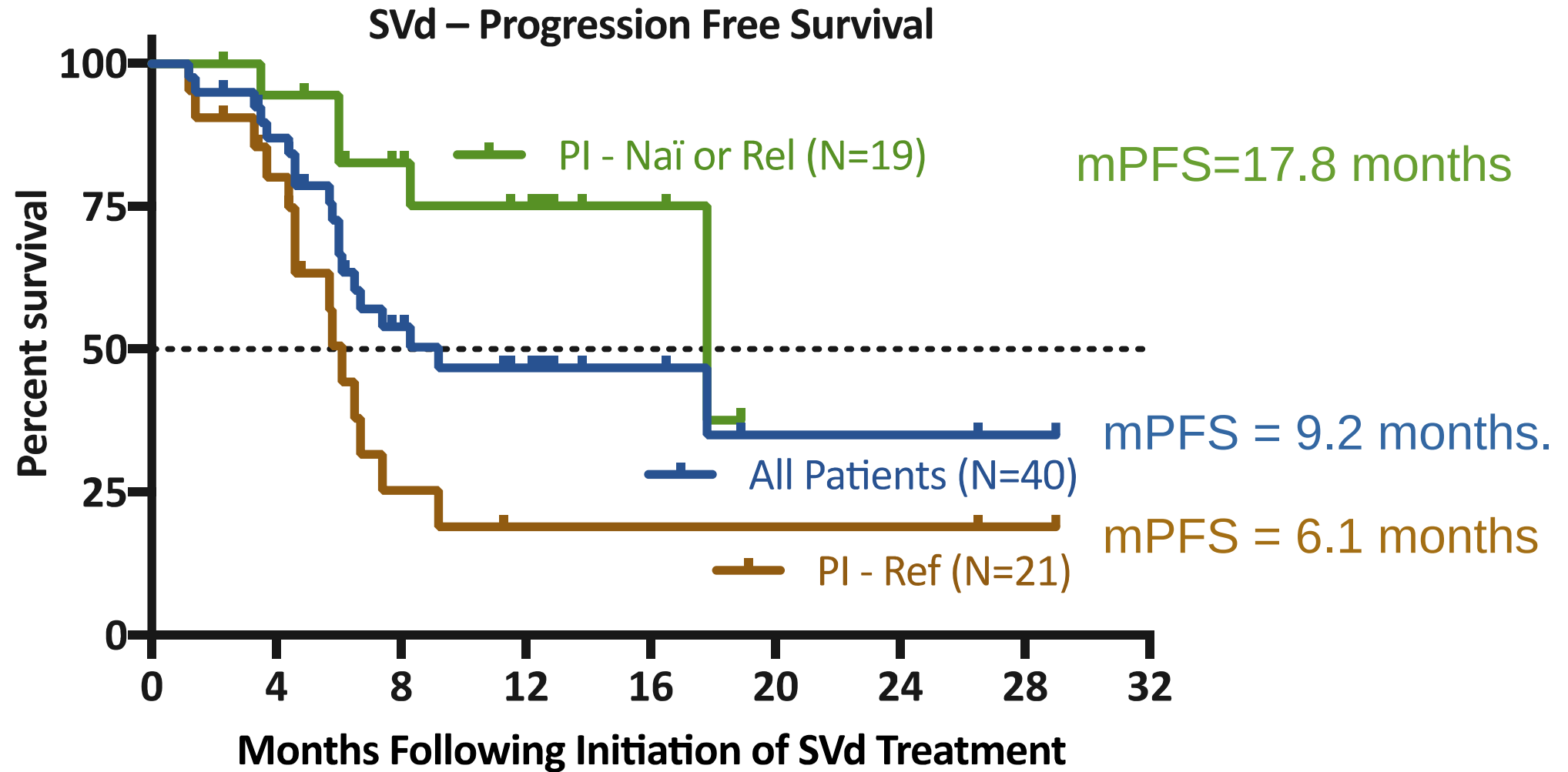
SVd Efficacy

Best Responses[†] in Evaluable SVd Patients as of June 5th, 2018

Category	N [*]	ORR	CBR	sCR	CR	VGPR	PR [‡]	MR	SD	PD
PI Relapsed or Naïve	19	84%	95%	5%	16%	16%	47%	11%	5%	--
PI Refractory	21	43%	67%	--	5%	19%	19%	24%	29%	5%
PI Relapsed or Naïve, ≤ 3 Prior Treatments (BOSTON ^{**})	18	83%	89%	6%	17%	22%	39%	6%	11%	--

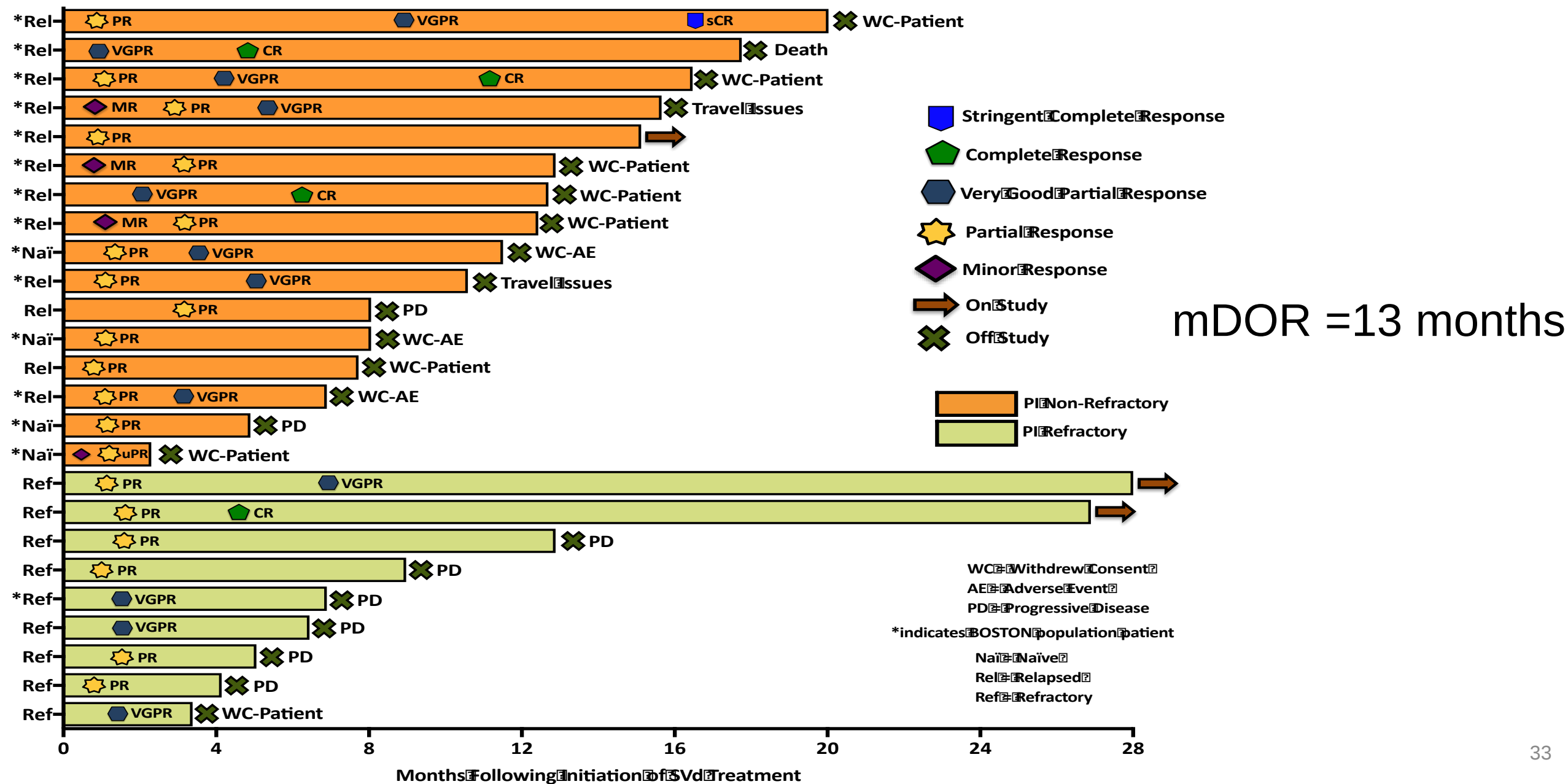
[†]Responses were adjudicated according to the *International Myeloma Working Group* criteria, ^{*}two patients not evaluable for response: one death unrelated to myeloma and one withdrawal of consent before disease follow up. [‡]one unconfirmed PR. ORR=Overall Response Rate (sCR+CR+VGPR+PR), sCR=Stringent Complete Response, CR=Complete Response, VGPR=Very Good Partial Response, PR=Partial Response, MR=Minor Response, SD=Stable Disease, PD=Progressive Disease, CBR=Clinical Benefit Rate (ORR+MR). Responses as of June 5th, 2018 based on interim unaudited data. ^{**}BOSTON: patient population eligible for the ongoing Phase 3 Randomized BOSTON Study of SVd versus Vd.

SVd Progression Free Survival (PFS)



Months	0	3.7	4.9	6.1	8.3	12.2	13.8	16.5	18.9	26.5	29
All Patients	40	33	27	22	15	11	6	5	3	2	1
PI Naï or Rel	19	18	17	16	11	9	4	3	1	--	--
PI Ref	21	16	11	8	5	3	--	--	--	2	1

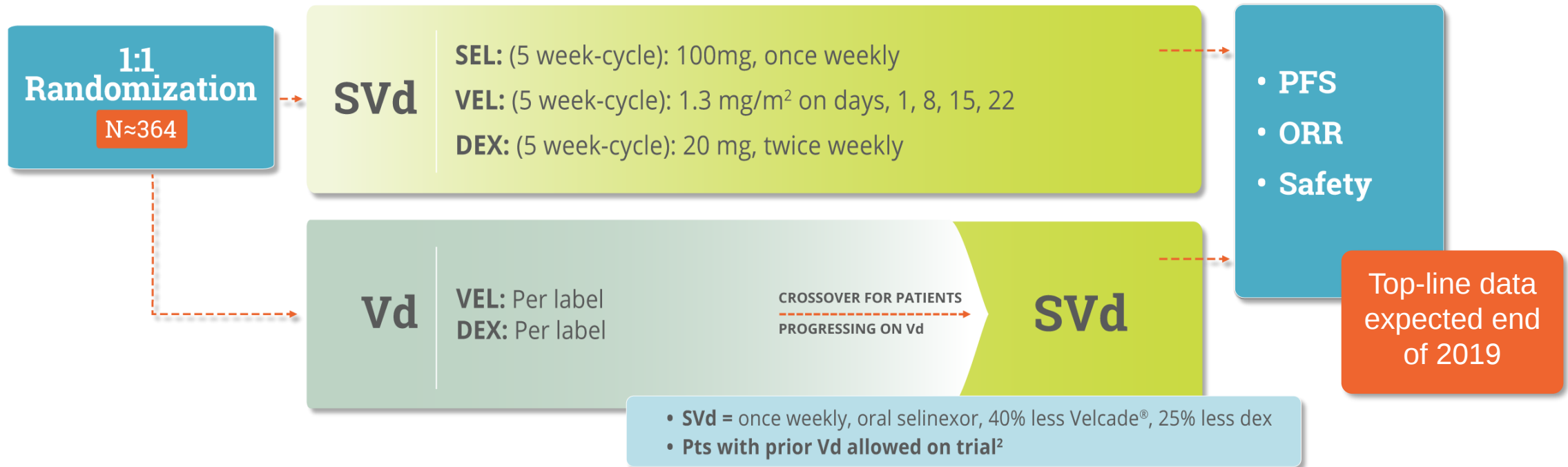
SVd induces durable responses



Summary and Conclusions

- **SVD Most common AEs: anorexia, nausea, fatigue (G1-2), and thrombocytopenia**
- **ORR of 84% in patients with PI relapsed or naïve MM**
- **ORR of 43% in patients with PI refractory MM**
- **The PFS is 17.8 months in patients with PI naïve or relapsed MM**
- **RP2D of SVd: Selinexor 100 mg, V 1.3 mg/m² and deX 40 mg, once-weekly (35 day cycle)**
- **The high ORR rate and PFS of 17.8 months in patients with ≤ 3 prior therapies treated with SVd support the ongoing Phase 3 BOSTON study examining SVd vs Vd**

BOSTON¹: A Phase 3 Study In Myeloma



Ongoing randomized, open-label clinical trial evaluating once weekly selinexor and Velcade[®] (bortezomib) plus low-dose dex versus standard twice-weekly Velcade[®] plus low-dose dex in patients with relapsed or refractory MM, who have had 1-3 prior lines of therapy

¹ Bortezomib, Selinexor and dexamethasone ² Pts must have achieved ≥PR, and completed proteasome inhibitor therapy at least 60 days prior.