Antibody Drug Conjugates







Dr. Suzanne Trudel, MD, FRCPC Bloom-Reece Professor University of Toronto Consultant, Division of Hematology/Oncology Princess Margaret Cancer Centre









President: Pier Luigi Zinzani Co-President: Michele Cavo

Bologna, Royal Hotel Carlton January 15-17, 2024

Company name	Research support	Employee	Consultant	Stockholder	Speakers bureau	Advisory board	Other
GSK	Yes	Νο	Yes	No	No	Yes	No
Janssen	Yes	Νο	No	No	No	Yes	No
BMS/Celgene	Yes	Νο	Yes	No	No	Yes	No
Amgen	Yes	Νο	No	No	No	Yes	No
Pfizer	Yes	Νο	No	No	No	Yes	No
Genentech	Yes	Νο	No	No	No	Νο	No
Roche	Yes	Νο	Yes	No	No	Yes	No
Sanofi	No	Νο	No	No	No	Yes	No
K36 Therapeutics	Yes	Νο	Yes	No	No	No	No

Summary of antibody-drug conjugates developed for myeloma

Agent	Target	Payload	Phase 1 Activity	Current Status
Indatuximab Ravtansine ¹	CD138	DM4	ORR 11%, SD 41%	Phase I/II completed
Lorvotuzumab mertansine ²	CD56	DM1	ORR 5.7%, SD 43% (all doses)	Discontinued in myeloma
Milatuzumab–DOX ³	CD74	Doxorubicin	ORR 0% stable disease 26%	Phase I completed
DFRF4539A ⁴	FcRH5	MMAE	5% ORR, 49% SD	Development discontinued
Belantamab Mafodotin⁵	BCMA	MMAF	60% ORR (54% <u>></u> VGPR)	Phase II completed. Granted FDA priority review
MEDI2228 ⁶	BMCA	PBD	ORR 65.9% at MTD	Phase 1, discontinued
AMG 224 ⁷	BMCA	DM1	ORR 27% at selected dose	Development discontinued
			(n=11)	
CC-99712	BCMA	DM-1 like	NR	Phase 1, recruiting
HDP-101	BMCA	amanitin	4 pts dosed	Phase 1/2a, recruiting
STRO-001	CD74	MMAF	NR	Phase I, recruiting
SGN-CD48A	CD48	MMAE	NR	Phase I, terminated
ABBV-838	SLAMF7	MMAE	NR	Phase I, terminated
STI-6129	CD38	Duostatin 5.2	NR	Phase 1b/2a

ADCs targeting BCMA validate the clinical activity of ADCs in myeloma

^bmonomethyl auristatin E (MMAE) and F (MMAF);PBD, pyrrolobenzodiaezpine; maytansinoids DM1 and ravtansine (DM4); ORR, overall response rate; SD, stable disease, VGPR, very good partial response ; ¹Jagannath S et al, Clin Lymphoma Myeloma Leuk 2019;19:372; ²Aliawadhi et al. Clin Lymphoma Myeloma Leuk 2019;³Kaufman et al, BrJHematol.2013;163:478; ⁴Stewart AK et al, Blood Cancer J 2 019;9:17; ⁵Trudel et. al. BCJ 20199:37; 6. Kumar. ASH 2020. Abstr 179; 7. Lee HC et al, Leukemia. 2020; online ahead of print.

BMCA-targeting ADCs currently undergoing evaluation in the clinic

ADCC/ADCP Fc Recent Effector Anti-BCMA, humanized IgG1 mAb that binds to BCMA-expressing MM cells Malignant MMAF, microtubule disrupting cytotoxic agent that leads to apoptosis of BCMA-expressing MM cells Cell deat Protease-resistant maleimidocaprovl linker that joins the MMAE to the mAb

Belantamab Mafodotin

- Multimodal mechanisms¹:
 - \checkmark Direct cell kill via inhibition of
 - microtubule polymerization
 - \checkmark Afucosylation-enhanced ADCC/ADCP
 - \checkmark Induces immunogenic cell death (ICD)
- Toxicities of MMAF-ADCs include:
 - ✓ Keratopathy

Pts=patients

- ✓ Thrombocytopenia
- In combination studies Phase II and III, first line and early relapse, Phase I novel combination in late RRMM

- Toxicities of maytansinoid-ADCs include:
 - ✓ Peripheral neuropathy
 - \checkmark Transaminitis
- First in human study +/- nirogacestat (GSI inhibitor), late RRMM-development discontinued 2023

CC-99712

Binding Region

Cytotoxic Payload

ellular proliferation^{1,2}

l inker

Specific for recognizing BCMA on multiple myeloma cells

The cytotoxic payload comprises 4 maytansinoid molecules (DAR = 4).

Mytansinoids are potent microtubule-targeted compounds that inhibit

Noncleavable linker is stable in circulation, thus avoiding nonspecific

release of the drug and the potential for off-target toxicity^{1,2}

HDP-101



- del17p can cause haploinsufficiency of RNA polymerase II subunit A (POLR2A) resulting in reduced expression and enhance sensitivity to α-Amanitin²
- · Potential for hepatoxicity
- Recruiting in first in human study, late RRMM³
 - 4 cohorts (11 pts) DLT evaluable-no DLTS observed
 - No signs of liver, renal, ocular toxicities or IRR
 - 1 pt in cohort 3 with SD x 14 cycles

1) Tai. YT et al, Blood. 2014;123:3128; 2) Liu Y et al. Nature. 2015;520:697; 3) MS Raab, ASH 2023;3334a

DREAMM-2 Final Analysis: key efficacy and safety data (clinically meaningful benefit in responders)

Final analysis	Belantamab mafodotin		DREAMM-2 (2.5mg/kg cohort) phase II
Detient	ITT population		N-07
Patient Characteristics ¹²			
Characteristics "-			65 (60-70)
	ECOG PS 2, n (%)		16 (17)
	High-risk cytogenetics, n (%)		41 (42)
	Median prior lines of therapy, n		7
	Triple refractory, n (%)		97 (100)
Efficacy			
outcomes*1	ORR, n (%)		31 (32)
	≥VGPR, n (%)		18 (19)
	Median time to response, months		1.5
	mDOR, months		12.5
	mPFS, months		2.8
	mPFS of patients achieving ≥VGPR, months		14.0
	mOS, months		15.3
	AE (N=95)	Any grade, n ((%) Grade ≥3, n (%)
Safety data ¹	Keratopathy [†]	67 (71)	29 (31)
	BCVA reduced to 20/50 or worse	46 (48)	N/A
	Thrombocytopenia [†]	36 (38)	21 (22)
	Anemia [†]	26 (27)	20 (21)

Most common toxicities keratopathy and thrombocytopenia

-ORR comparable high and standard risk patients

-No increased toxicity in patients with moderate renal dysfunction

-Patients with extramedullary disease did no derive the same benefit

AE: adverse event; BVCA: best-corrected visual acuity; mDOR: median duration of response; mOS: median overall survival; mPFS: median progression free survival; MR: minimal response; NE: not evaluable; ORR: overall response rate; PD: progressive disease; PR: partial response; SD: stable disease; VGPR: very good partial response

- Median follow-up 12.5 months
- ORR 32%
- For patients that responded, responses were durable (mDOR=12.5 months)
- OS not reached for patients achieving minimal response (MR) or better

Overall Survival by Response



1) Nooka A et a l, ASH 2022; 3246z 2) Lonial S et al. Cancer. 2021;127(22):4198-4212

The DREAMM-3 trial of belantamab mafodotin monotherapy versus the doublet pom/dex did not meet its primary endpoint of superior PFS

	DREAMM-3 phase III	Belantamab mafodotin 21-day cycles	Pd 28-day cycles	
Patient	ITT population	n=218*	n=107†	
characteristics	Median age, years (range)	68 (43-86)	68 (38-90)	
	Extramedullary disease, n (%)	39 (18)	19 (18)	
	Median prior lines of therapy, n (range)	4 (2-12)	3 (2-13)	
	Triple refractory, n (%)	46 (21)	22 (21)	
Efficacy				
outcomes	ORR, %	41	36	
	≥CR, %	10	3	
	≥VGPR, %	25	8	
	mDOR, months	NR	8.5	
	mPFS, months	11.2	7.0	
	HR (95% CI)	1.03 (0.7	72-1.47)	
	mOS, months [‡]	21.2	21.1	
	HR (95% CI)	1.14 (0.7	77-1.68)	

No new safety signals were noted in DREAMM-3, and the AEs observed were

consistent with those expected for the individual agents





*Median follow-up time of 11.5 months (range, 0.6-24.2). †Median follow-up time of 10.8 months (range, 0.0-26.4). ‡At 37.5% maturity.

AE, adverse event; CR, complete response; ITT, intent-to-treat; mDOR, median duration of response; mOS, median overall survival; mPFS, median progression-free survival; MR, minimal response; NE, not evaluable; NR, not reached; ORR, overall response rate; PD, progressive disease; Pd, pomalidomide/dexamethasone; PR, partial response; RRMM, relapsed/refractory multiple myeloma; sCR, stringent complete response; SD, stable disease; VGPR, very good partial response.

Weisel K. Presented at: American Society of Clinical Oncology Annual Meeting; June 2-6, 2023; Chicago, IL. Presentation 8007.



A Multicenter, Open-Label, Randomized Phase 3 Study to Evaluate the Efficacy and Safety of the Combination of Belantamab Mafodotin, Bortezomib, and Dexamethasone (B-Vd) Compared With the Combination of Daratumumab, Bortezomib and Dexamethasone (D-Vd) in Participants With Relapsed/Refractory Multiple Myeloma NCT04246047

Key Eligibility Criteria

ECOG PS 0-2

- Patients aged ≥18 years
 Confirmed diagnosis of multiple myeloma (MM) as defined by IMWG
- Previously treated with ≥1 prior line of MM therapy, and must have documented disease progression
- during or after their most recent therapy • Adequate organ function
- All prior treatment-related toxicities must be s grade 1 at the time of enrollment, except for alopecia

Key Exclusion Criteria

Intolerant or refractory to daratumumab, other anti-CD38 therapy, or bortezomib*
Prior treatment with anti-B-cell maturation antigen therapy
Prior allogeneic stem cell transplant
Corneal epithelial disease
Ongoing Grade 2 or higher peripheral neuropathy or neuropathic pain

GSK announces positive results from DREAMM-7 head-tohead phase III trial for *Blenrep* in relapsed/refractory multiple myeloma

- Blenrep (belantamab mafodotin) plus BorDex showed statistically significant progression-free survival (PFS) benefit versus daratumumab plus BorDex
- Trial unblinded early based on Independent Data Monitoring Committee (IDMC) recommendation

GSK plc (LSE/NYSE: GSK) today announced positive headline results from a planned interim efficacy analysis of the DREAMM-7 head-to-head phase III trial evaluating belantamab mafodotin as a second-line treatment for relapsed or refractory multiple myeloma. The trial met its primary endpoint of progression-free survival (PFS) and showed that belantamab mafodotin when combined with bortezomib plus dexamethasone (BorDex) significantly extended the time to disease progression or death versus daratumumab plus BorDex, an existing standard of care for relapsed/refractory multiple myeloma. A strong and clinically meaningful overall survival (OS) trend with nominal p value < 0.0005 was also observed at the time of this analysis, and the trial continues to follow up for OS.



*Patients with progressive disease during treatment with a weekly bortezomib regimen are allowed.

The Algonquin study: two-part phase 1/2 trial evaluating the safety and efficacy of different doses and schedules of belantamab mafodotin + Pd in patients with RRMM



This figure was independently created by GSK from original data first presented in Trudel S et al. ASH. 2022.

Key eligibility criteria

- ≥1 prior line of treatment
- Refractory to len and exposed or refractory to a proteasome inhibitor
- Refractory to last LoT

Part 1 of the Algonquin study established a MTD of 2.5 mg/kg and a RP2D of 2.5mg/kg Q8W

DLT, dose limiting toxicity; DOR, duration of response; MTD, maximum tolerated dose; ORR, overall response rate; OS, overall survival; PFS, progression-free survival; pom/dex, pomalidomide/dexamethasone; QXW, every X weeks; RP2D, recommended phase 2 dose; RRMM, relapsed/refractory multiple myeloma.

Trudel S et al, Nat Med DOI 10.1038/s41591-023-02703-y

Belantamab mafodotin plus Pom/Dex induced deep responses in patients with RRMM

Baseline patient characteristics	All patients ^a N=87	Part 1 patients n=61	RP2D ^b patients n=38
Median age, years (range)	67 (36-85)	64 (36-81)	71 (38-85)
ECOG PS, n (%) 0 1 2 Missing	25 (28.7) 55 (63.2) 6 (6.9) 1 (1.2)	20 (32.8) 35 (57.4) 6 (9.8) 0	10 (26.3) 26 (68.3) 1 (2.7) 1 (2.7)
ISS stage III	19 (21.8)	10 (16.4)	12 (31.6)
High-risk cytogenetics, ^c n (%)	16 (18.4)	14 (23)	7 (18.5)
Median prior LOT, no. (range)	3 (1-6)	3 (1-5)	3 (1-6)
Prior therapies, n (%) ASCT Lenalidomide Pl Daratumumab	60 (69.0) 87 (100.0) 87 (100.0) 58 (66.7)	49 (80.3) 61 (100.0) 61 (100.0) 36 (59.0)	18 (47.4) 38 (100.0) 38 (100.0) 30 (78.9)
Refractory status, n (%) Lenalidomide PI Daratumumab	84 (96.6) 75 (86.2) 58 (66.7)	58 (95.1) 53 (86.9) 36 (59.0)	36 (94.7) 32 (84.2) 30 (78.9)
Triple-class refractory, n (%)	48 (55.2)	30 (49.2)	24 (63.2)



- 7 patients with confirmed ≥CR across all dosing cohorts had MRD assessment performed by multiparameter flow cytometry with sensitivity of 10⁻⁵
- 5 out of 7 achieved MRD negativity, including 3 of 4 patients treated at the RP2D

Deep responses were demonstrated at the RP2D of 2.5 mg/kg Q8W, with ~1/3 of patients achieving ≥CR

At the RP2D of 2.5 mg/kg Q8W, median PFS and OS has not yet been reached



At the RP2D of 2.5 mg/kg Q8W, estimated 2-year PFS was 52.8% at a median follow-up of 13.9 months

The safety profile of belantamab mafodotin plus Pom/Dex in ALGONQUIN was consistent with the individual agents

	Any grade AE in ≥20% of patients, n (%)	All patients ^a N=87	Part 1 patients n=61	RP2D ^b patients n=38
1	Decreased visual acuity	68 (78.2)	51 (83.6)	27 (71.1)
	Keratopathy	62 (71.3)	48 (78.7)	25 (65.8)
	Fatigue	52 (59.8)	38 (62.3)	22 (57.9)
	Infection	44 (50.6)	31 (50.8)	18 (47.4)
	Neutropenia	43 (49.4)	35 (57.4)	15 (39.5)
	Thrombocytopenia	38 (43.7)	32 (52.5)	15 (39.5)
	Diarrhea	30 (34.5)	24 (39.3)	11 (28.9)
	Fever	26 (29.9)	22 (36.1)	6 (15.8)
	Peripheral edema	28 (32.2)	21 (34.4)	13 (34.2)
	Constipation	26 (29.9)	21 (34.4)	11 (28.9)

Grade 3-4 AE in ≥5% of patients, n (%)	All patientsª N=87	Part 1 patients n=61	RP2D⁵ patients n=38
Keratopathy	48 (55.2)	35 (57.4)	20 (52.6)
Decreased visual acuity	38 (43.7)	30 (49.2)	15 (39.5)
Neutropenia	36 (41.4)	28 (45.9)	14 (36.8)
Thrombocytopenia	29 (33.3)	24 (39.3)	13 (34.2)
Infection	1& (20.7)	15 (24.6)	3 (7.9)
Fatigue	10 (11.5)	9 (14.8)	2 (5.3)
Diarrhea	4 (4.6)	3 (4.9)	3 (7.9)



The safety profile of belantamab mafodotin plus Pom/Dex was consistent with the individual agents, grade ³/₄ decreased visual acuity reported in 39.5% while risk of grade 3-4 infection at the RP2D was low

alncludes patients from Part 1 (all cohorts) and Part 2. b2.5 mg/kg Q8W; includes 12 patients in Part 1 and 26 in Part 2.

AE, adverse event; ALT, alanine transaminase; BCVA, best corrected visual acuity; Pom/Dex, pomalidomide/dexamethasone; Q8W, every 8 weeks; RP2D, recommended phase 2 dose.

Belantamab mafodotin combinations in NDMM demonstrate high overall response rates and depth of response

Belantamab Mafodotin Administered in Combination with Lenalidomide and Dexamethasone in Transplant-Ineligible NDMM



Q8W dosing

1.0 0.8 Probability 6.0 0.2 0.0 12 18 24 30 n 6 Time from randomization (months) At risk 36 34 32 30 13 0 -1. Progression Free Surviva 2. Time to Progression

Progression Free Survival and Time to Progression

DREAMM-9: Phase 1 Study of Belantamab Mafodotin in Combination with VRD in Transplant Ineligible NDMM



*Based on best confirmed response by the investigator; ⁺Cohort 4 safety population N=4.

B-Rd, belantamab mafodotin/lenalidomide/dexamethasone; B-VRd, belantamab mafodotin/bortezomib/lenalidomide/dexamethasone; CI, confidence interval; CR, complete response; MRD, minimal residual disease; NDMM, newly-diagnosed multiple myeloma; ORR, overall response rate; PR, partial response; Q3/4W, every 3 to 4 weeks; Q6/8W, every 6 to 8 weeks; sCR, stringent complete response; VGPR, very good partial response

1) Terpos E et al. ASH 2023 (Abstract 4765)

2) Usmani S et al. EHA 2022 (Abstract P942)

Belantamab Mafodotin corneal event management

- The corneal events reported are common for MMAF-immunoconjugates
- Most commonly reported symptoms are blurred vision and dry eyes
- Increase drug exposure is associated with higher and earlier occurrence of keratopathy



Keratopathy (MECs)-microcyst-like epithelia changes on slit lamp exam



Normal corneal epithelial cells



Deposits in epithelium

Belantamab Mafodotin corneal event management

- The corneal events reported are common for MMAF-immunoconjugates
- Most commonly reported symptoms are blurred vision and dry eyes
- Increase drug exposure is associated with higher and earlier occurrence of keratopathy

Keratopathy (MECs)-microcyst-like epithelia changes on slit lamp exam



Normal corneal epithelial cells

Lonial. S et al. Blood Cancer J. 2021;11:103



Deposits in epithelium



Phase II DREAMM-2: Post Hoc Analysis— Outcomes With Prolonged Dose Delay

2.5 mg/kg (n =
16)Maintained clinical benefit, n (%)14 (88)Deepened response6 (38)Maintained same response category6 (38)Did not meet progression criteria*2 (13)Developed PD, n (%)2 (13)⁺

Prolonged delay defined as \geq 3 treatment cycles (ie \geq 9 weeks)

Mitigating ocular toxicity

- Eye exam at baseline and prior to each dose
- Preservative-free artificial tears for the duration of treatment
- Avoid use of contacts
- Dose reductions and delays if corneal AEs emerge

Lower doses and longer dosing intervals results in lower incidence of \geq grade 3 changes in vision



BelaPd: belantamab mafodotin/pomalidomide/dexamethasone; BelaRd: belantamab mafodotin/revlimid/dexamethasone; BelaVRd: belantamab mafodotin/velcade/revlimid/dexamethasone; CR: complete response; ORR: overall response rate; PR: partial response; VGPR: very good partial response

Understanding the impact of keratopathy on ADLs Extended dosing schedule for belantamab mafodotin has minimal impact on vision-related functioning

Ocular Surface Disease Index (OSDI)

Have you experienced any of the following <u>during the last week</u> ?	All of the time	Most of the time	Half of the time	Some of the time	None of the time
1. Eyes that are sensitive to light?	4	3	2	1	0
2. Eyes that feel gritty?	4	3	2	1	0
3. Painful or sore eyes?	4	3	2	1	0
4. Blurred vision?	4	3	2	1	0
5. Poor vision?	4	3	2	1	0

Subtotal score for answers 1 to 5

A

Have problems with your eyes limited you in performing any of the following <u>during the last week</u> ?	All of the time	Most of the time	Half of the time	Some of the time	None of the time	N/A
6. Reading?	4	3	2	1	0	N/A
7. Driving at night?	4	3	2	1	0	N/A
 Working with a computer or bank machine (ATM)? 	4	3	2	1	0	NA
9. Watching TV?	4	3	2	1	0	N/A

Subtotal score for answers 6 to 9

Belantamab Mafodotin Administered in Combination with Lenalidomide and Dexamethasone in Transplant-Ineligible NDMM



Classification of the assessments in each category was based on the worst (most frequent) item among Q6-Q9 or Q1-Q5, as applicable An assessment was classified as none of the time if all Q6-Q9 were none of the time or if some of the Q6-Q9 were none of the time and some were 'not applicable' • Ocular symptoms (Q1-5): sensitivity to light, gritty eyes, sore or painful eyes, blurred vision, poor vision • ADL (Q6-9): driving at night, reading, working with a computer or bank machine and watching TV

Q8W dosing

Nearly half of patients had symptoms all or most of the time BUT minority had problems with ADLs all or most of the time

1) Terpos E et al. ASH 2023 (Abstract 4765)

Summary

- ADCs have demonstrated limited anti-MM activity thus far with the exception of those targeting BMCA
- Combination studies are showing high ORR/>VGPR and encouraging PFS with data superior to SOC and favourable when compared to bispecifics Abs and to the CART product, idecel
- Results of the Algonquin study to be confirmed with the DREAMM-8 Phase 3 trial (BelaPd vs PVd)
- Thus far ADCs have the advantage of fully outpatient administration and no risk of CRS and lower risk of infection compared to BMCA targeted bispecific Abs
- Studies exploring lower doses and extended schedules are demonstrating a reduction in the severity of corneal toxicity with minimal persistent effects on ADLs

















No Evidence of BCMA Expression After Treatment With Belantamab Mafodotin (post hoc analysis of DREAMM-1 and DREAMM-2)

Patients with detectable sBCMA levels by visit: all patients					
Study	Visit	Percentage			
DREAMM-1	Baseline (n=75)	100.0%			
	At response (n=78)	85.9%			
	At progression (n=51)	98.0%			
DREAMM-2	Baseline (n=213)	99.1%			
	At response (n=217)	97.2%			
	At progression (n=183)	98.9%			

sBCMA levels were measurable (above LLOQ) upon progression in the vast majority of patients

Does not exclude functional loss

Aggregate sBCMA at baseline, at response, and at PD



Emerging data supports the sequencing of T-cell redirecting therapies and ADCs

	Tec ¹	Tec in non-TCE anti-BCMA exposed ²	Elra ³	Elra in non-TCE anti-BCMA exposed ⁴	Cilta-cel⁵	CARTITUDE-2 Cohort C Cilta-cel after non-cellular anti-BCMA ⁶
	BMCA Ta	rgeting Agents				
Median Follow-up, months	23.0	12.5	14.7	11.3	33.4	18.0
Total N	165	40	123	87	97	20
Median lines of therapy	5	6	5	7	6	8
Triple Class Refractory	78%	85%	96.7%	96.6	87.6	90%
Prior anti-BCMA ADC/CAR- T/both	NA	72.5%/37.5%/10 %	NA	67.8%/41.4%/9.2%	NA	65%/35% (prior BsAb)
Efficacy						
ORR (prior ADC/prior CAR-T)	63.0% (NA)	52% (<mark>55%</mark> / 53%)	61% (NA)	46% (<mark>42%</mark> /53%)	97.9% (NA)	60% <mark>(62%</mark> /57% prior BsAb)
<u>></u> VGPR	59.4%	47.5%	56,1%	42.5%	94.8%	55%
Median DoR, months (prior ADC/prior CAR-T)	21.6 (NA)	NR (95% CI: 10.5 months to NE)	71.5% at 15 months	17.1 (13.6/NE)	33.9 (NA)	12.3 (13.3/8.2 prior BsAb)

• Negative impact of prior BCMA targeted ADC/BsAb on BMCA targeting CAR-T cell therapy

• Modest impact or prior BMCA ADC on BCMA targeting BsAb therapy

Patients previously treated with BCMA-targeted ADC, bispecific, or CAR-T therapy responded to subsequent treatment with belantamab mafodotin

BCMA-targeted ADC, bispecific, or CAR-T therapy

BCMA-targeted ADC therapy

Retrospective study: single-center analysis of patients with RRMM* who received belantamab mafodotin after prior treatment with a BCMA-targeted therapy



The response to belantamab mafodotin was similar in those with prior BCMA exposure versus BCMA-naïve patients

*Patients who completed ≥1 cycle of commercial belantamab mafodotin treatment outside clinical trials between October 1, 2020, and October 31, 2022, and had prior exposure to an immunomodulatory agent, a PI, and an anti-CD38 antibody. †Including 1q+, 1p-, t(4;14), t(14;16), and complex karyotype.

ADC, antibody-drug conjugate; BCMA, B-cell maturation antigen; C, cycle; CAR-T, chimeric antigen receptor T cell; CD, cluster of differentiation; D, day; LOT, line of therapy; mPFS, median progression-free survival; PFS, progression-free survival; PI, proteasome inhibitor; RRMM, relapsed/refractory multiple myeloma.

Hultcrantz M et al. Presented at: American Society of Hematology Annual Meeting and Exposition; December 10-13, 2022; New Orleans, LA.

Structure of antibody-drug conjugates (ADCs)



Composed of **monoclonal** antibodies (mAbs) tethered to a cytotoxic drug (known as the "payload" or "warhead") via a chemical linker

Each of the components that make up ADCs will influence efficacy and toxicity

ADC: antibody drug conjugate; ADCC: antibody-dependent cellular cytotoxicity; Fab: fragment antigen binding; Fc: fragment crystallizable