

Interim Results of a Phase 1b/2 Study of ADG126 (a Masked anti-CTLA-4 SAFEbody®) Monotherapy and in Combination with Toripalimab (an anti-PD-1 Antibody) in Patients (pts) with Advanced / Metastatic Solid Tumors

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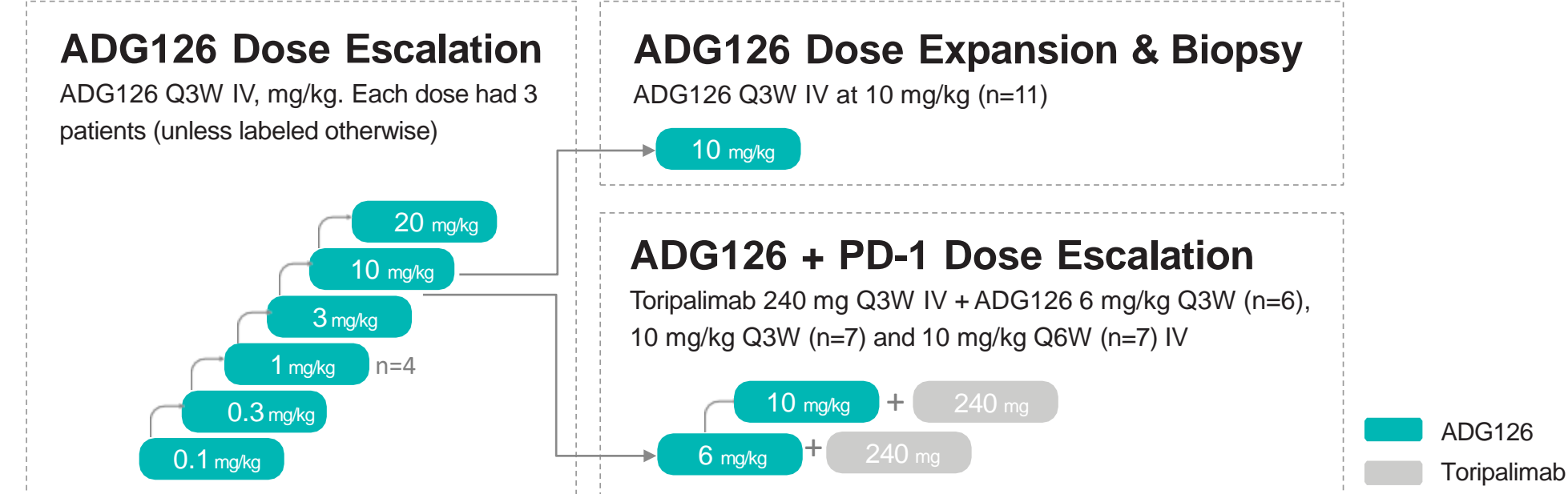
Background

- ADG126 is a fully human anti-CTLA-4 IgG1 SAFEbody with a masking peptide that competes for antigen binding and subjects to cleavage in the tumor microenvironment (TME). This design enables ADG126 to be conditionally enriched and cleaved in the TME to provide a steady and prolonged drug exposure in the tumor while limiting peripheral circulation or off-tumor toxicity. Activated ADG126 binds to a unique and highly conserved epitope of CTLA-4 with species cross-reactivity for seamless translation studies
- ADG126 is designed to activate efficiently in vivo and prime T cells via partial blockade of CTLA-4 interaction with its ligands. Nonclinical studies have demonstrated that ADG126 depletes immunosuppressive Tregs through strong antibody-dependent cellular cytotoxicity (ADCC) specifically in the TME, and it synergizes with anti-PD-1 antibody to induce potent anti-tumor efficacy
- Plasma PK of total ADG126, intact ADG126, and cleaved ADG126* are approximately linear with dose. The half-life of total ADG126 is significantly higher than its parental antibody. Accumulation of cleaved ADG126 in plasma is observed at steady-state, likely contributed by ADG126 cleavage in TME

*Cleaved ADG126 was calculated by total ADG126 minus intact ADG126

Method

- This phase 1b/2, open-label, non-randomized study evaluates ADG126 monotherapy and ADG126 combination therapies in dose escalation, dose expansion and biopsy cohorts of pts with advanced / metastatic solid tumors (ADG126-1001, NCT04645069)
- Here we report interim data on the dose escalation, dose expansion and biopsy cohorts of ADG126 monotherapy as well as dose escalation of ADG126 + toripalimab (TORI)



Primary endpoints: Safety and tolerability; determine maximum administered dose, maximum tolerated dose and recommended Phase 2 doses. Secondary endpoints: PK, anti-drug antibodies (ADA), ORR, DCR, DOR, PFS and OS. Key inclusion criteria: Patients with advanced or metastatic solid tumors with ECOG ≤ 1 and at least one measurable lesion per RECIST 1.1. Imaging was performed every 6 weeks for the first 4 cycles, then every 9 weeks afterwards. Tumor response was investigator-determined using RECIST 1.1 and iRECIST. Data cutoff: March 14, 2023; n = number of patients by data cutoff date; IV = intravenous; Q3W = Every 3 weeks; Q6W = Every 6 weeks

Patient Demographics, Characteristics & Drug Exposure

- Across all dose levels, 30 pts received ADG126 monotherapy
- Twenty pts received ADG126 (6 mg/kg Q3W and 10 mg/kg Q3W or Q6W) + TORI (240 mg Q3W)
- Pts were heavily pre-treated
- Over 15 tumor types were included in the study, including "cold tumors" or immune-experienced "hot tumors". The most common tumor types include colorectal cancer and ovarian cancer

*Study treatment cycles includes ADG126 and/or TORI

Characteristics	ADG126 (N = 30)	ADG126 + TORI (N = 20)
Age (years), median (range)	63.5 (39, 84)	59.5 (36, 85)
Female, n (%)	16 (53)	10 (50)
Race, n (%)		
Caucasian, n (%)	27 (90)	15 (75)
Asian, n (%)	3 (10)	4 (20)
Native American, n (%)	0	0
Aboriginal Australian, n (%)	0	1 (5)
ECOG PS, n (%)		
0	16 (53)	9 (45)
1	14 (47)	11 (55)
Number of prior lines of treatment, n (%)		
≥3	16 (53)	11 (55)
Prior immunotherapy, n (%)	14 (47)	7 (35)
Study treatment cycles		
Median (range)	2 (1, 25)	4 (1, 10)*
≥ 4 cycles, n (%)	9 (30)	13 (65)*

Safety: ADG126 Monotherapy

- Well tolerated with no dose limiting toxicities at doses up to 20 mg/kg Q3W with repeat dosing
- No > G2 treatment-related adverse events (TRAEs) and no treatment-related serious adverse events (SAEs)
- No patient discontinued study treatment due to TRAE

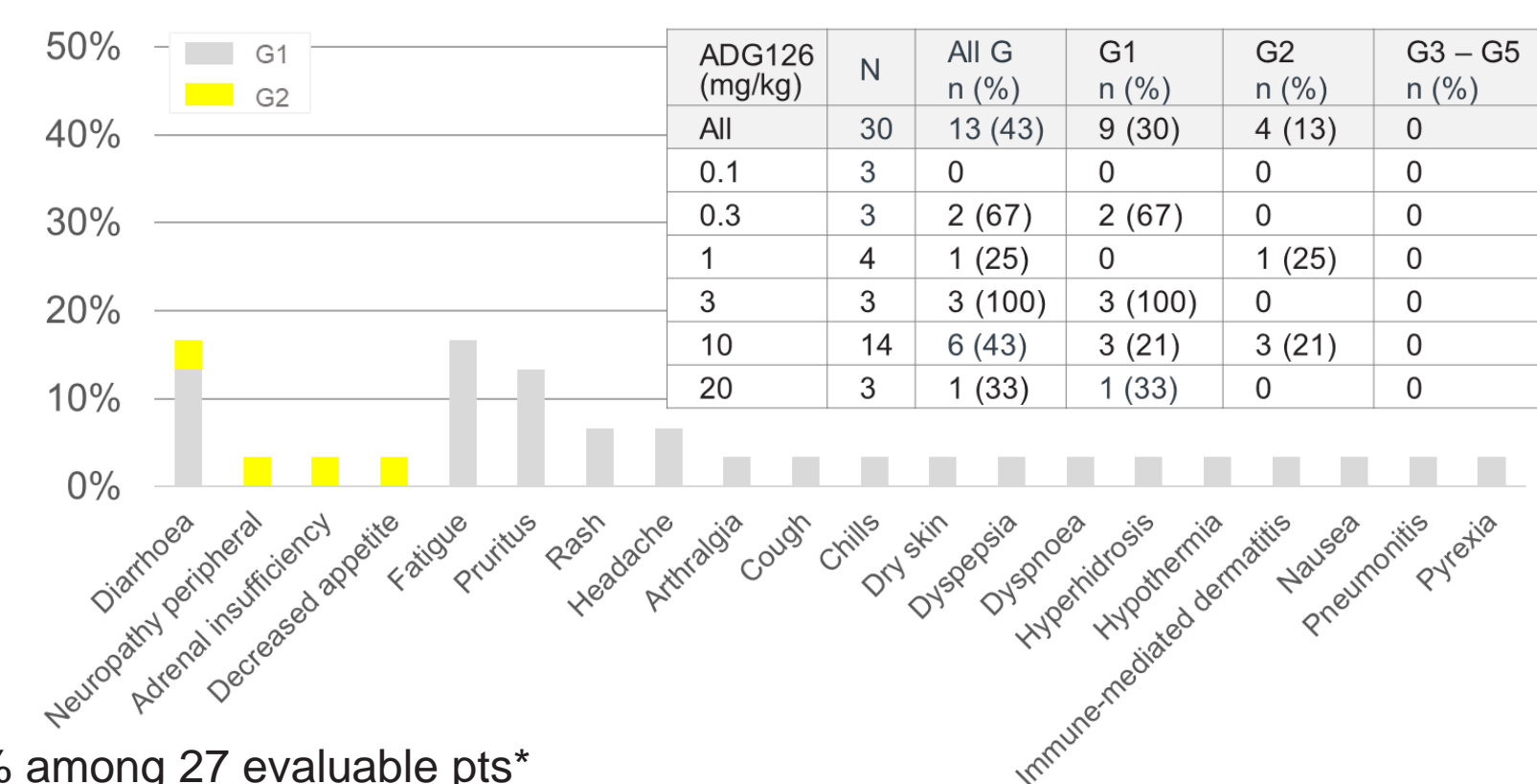


Figure 2 and Table 2. TRAEs reported at any dose level of ADG126 monotherapy

Efficacy: ADG126 Monotherapy

- Across all dose levels, disease control rate (DCR) = 37% among 27 evaluable pts*
- Prolonged stable disease was observed in 5 pts, including 14 cycles for a NSCLC pt and 22 cycles for an ovarian carcinoma pt
 - The ovarian serous carcinoma pt experienced SD (ADG126 1 mg/kg Q3W) with a 90% reduction in CA125 and a 22% reduction in the sum of target lesions
 - A 12% reduction in the sum of target lesions was observed in the NSCLC pt who previously progressed on pembrolizumab and docetaxel; this pt completed 14 cycles of ADG126 20 mg/kg Q3W with no TRAEs

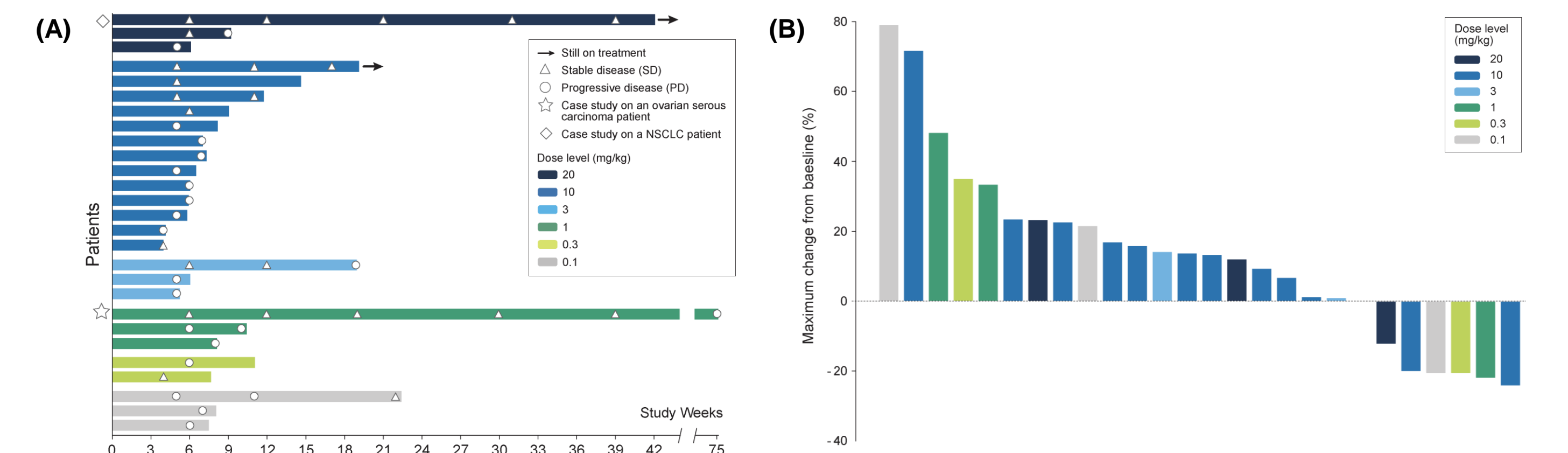


Figure 3. Response to ADG126 monotherapy in 27 evaluable pts* (A) swimmer plot (B) waterfall plot of response. *Evaluable pts with at least one valid post-baseline tumor assessment. One PD pt did not have all target lesions measured at post-baseline and was not included in the waterfall plot. For swimmer plot, bars end at study day of last dose, end of treatment (EOT) date (if EOT date is available) or last tumor assessment date, whichever is latest; three tumor assessments (SD) were truncated from the bar of the ovarian serous carcinoma patient due to spacing

Case study: Increased Teff / Treg with Treg Depletion in TME of an HCC Patient who Progressed on Atezolizumab + Bevacizumab

- Male, 39 y, ECOG PS 0, stage IIIB hepatocellular carcinoma
- Previously progressed on anti-PD-L1 therapy
 - 1L: Atezolizumab + bevacizumab (Jul 2021 - Feb 2022, PD)
 - 2L: Lenvatinib (Mar - Sep 2022, PD)
- Ongoing ADG126 10 mg/kg Q3W in Cycle 6 with control of tumor growth (stable disease)
- Increased ratio of Teff / Treg, with Treg depletion and increased CD8+ T cells was observed in paired tumor biopsies

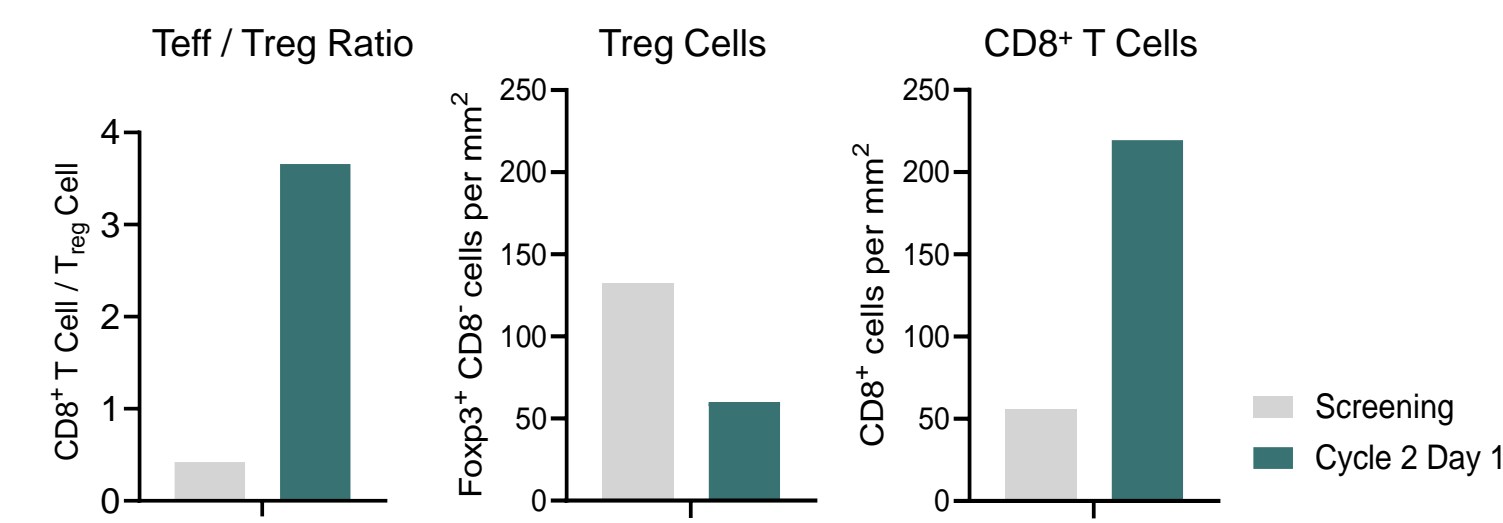


Figure 4. CD8 (green) / Foxp3 (red) / Pan-CK (yellow) / DAPI (blue) immunofluorescence of FFPE tumor biopsy samples. Paired tumor biopsies were collected before and after treatment. Multiplex immunofluorescence analysis was performed by Dr. Joe Yeong's lab at IMCB, A*STAR. Images were analyzed using HALO. Tregs were defined as Foxp3+ CD8- cells. Teff cells were defined as CD8+ T cells

Safety: ADG126 + Toripalimab Dose Escalation

- No significant differences in safety across the three dose escalation cohorts
 - No DLT or >G3 TRAE has been reported
 - Five pts (25%) experienced G3 TRAEs: Most of G3 TRAEs occurred no earlier than Cycle 4
 - Three pts experienced treatment-related SAEs, including one G3 hepatitis[§], one G3 sepsis[‡] and one G3 myocarditis[‡] (this led to discontinuation of study)

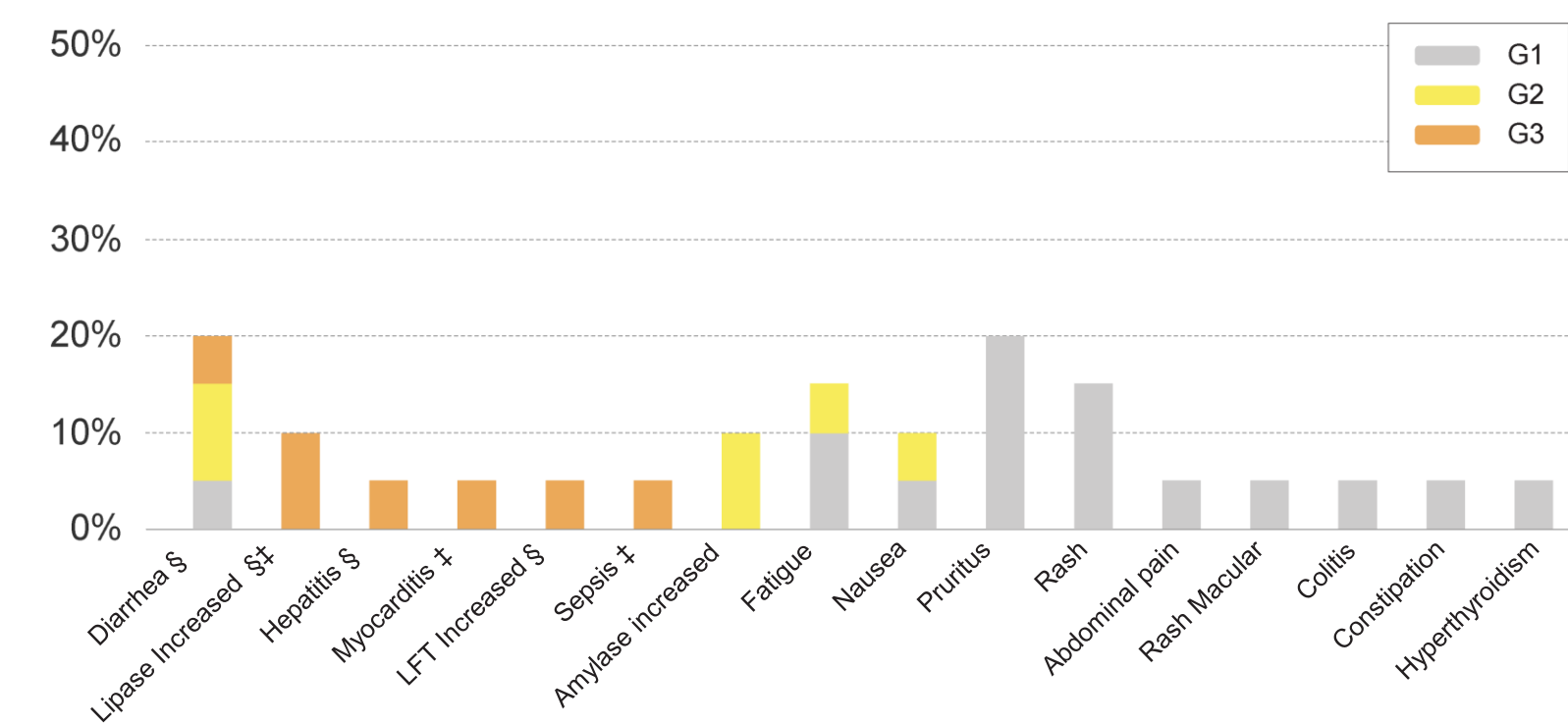


Figure 5. TRAEs in 20 pts of three dose escalation cohorts who received ADG126 (6 mg/kg Q3W and 10 mg/kg Q3W or Q6W) + TORI (240mg Q3W). LFT = Liver function test; § G3 TRAE observed at ADG126 6 mg/kg Q3W + TORI 240 mg Q3W; ‡ G3 TRAE observed at ADG126 10 mg/kg Q3W or Q6W + TORI 240 mg Q3W

Case Studies: Prolonged Stable Disease and Reduced Target Lesions in "Cold" Gastrointestinal Epithelial Tumors

- Male, 53 y, ECOG PS 0
- MSS rectosigmoid adenocarcinoma with liver metastasis at baseline
- Previously received curative surgery and palliative surgery for liver metastasis and 3 lines of therapies: Leucovorin + 5FU + irinotecan + oxaliplatin, bevacizumab + TAS102 and regorafenib
- Mixed response with a 58% reduction in the sum of target lesions was observed at week 17; treatment is ongoing (ADG126 10 mg/kg Q6W + TORI 240 mg Q3W)

Target Lesion	Baseline	Week 7	Week 13	Week 17
TL1 - Lung	15 mm	14 mm	13 mm	16 mm
TL2 - Lymph Node	22 mm	12 mm	12 mm	Disappeared
TL3 - Lymph Node	18 mm	10 mm	6 mm	Disappeared
TL4 - Lymph Node	19 mm	14 mm	15 mm	Disappeared
TL5 - Liver	17 mm	20 mm	22 mm	22 mm
Sum	91 mm	70 mm (-23%)	68 mm (-25%)	38 mm (-58%)
Non-Target Lesion	NTL1 - Lung	Present	Present	Present
	NTL2 - Bone	Present	Present	Disappeared
New Lesion	NA	No	No	Yes
Overall Response	NA	SD	SD	PD (iuPD)

Efficacy: ADG126 + Toripalimab Dose Escalation

- Among the 18 evaluable pts* in the three dose escalation cohorts who received ADG126 (6 mg/kg Q3W and 10 mg/kg Q3W or Q6W) + TORI (240 mg Q3W), overall ORR = 11% and DCR = 56%
 - ORR = 28% and DCR = 57% among the 7 evaluable pts* who received ADG126 10 mg/kg Q3W + TORI 240 mg Q3W
 - Confirmed PR observed in two pts with penile SCC and anal SCC who were previously treated with chemotherapy
- Prolonged stable disease was observed in a PDAC pt with a 5% reduction in the sum of target lesions
- A 58% and 21% reduction in the sum of target lesions were observed in two MSS CRC pts with liver metastasis at baseline, respectively

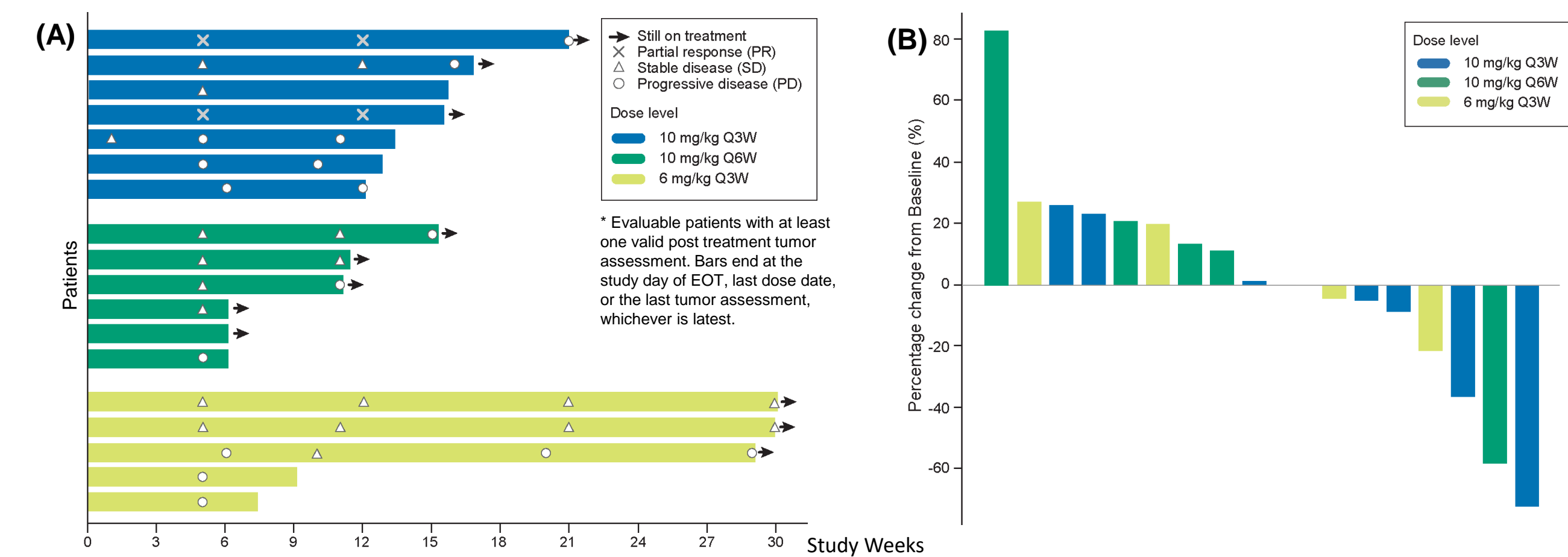


Figure 6. Response to ADG126 in combination with toripalimab in 18 evaluable pts* of three dose escalation cohorts who received ADG126 (6 mg/kg Q3W and 10 mg/kg Q3W or Q6W) + TORI (240mg Q3W) (A) swimmer plot (B) waterfall plot

- Male, 74 y, ECOG PS 1, MSS colorectal adenocarcinoma with liver metastasis at baseline. Previously received 3 lines of therapies: XELOX + bevacizumab; irinotecan + cetuximab; irinotecan + panitumumab
- A 21% reduction in the sum of target lesions was observed; treatment is ongoing (ADG126 6 mg/kg Q3W + TORI 240 mg Q3W)

Target Lesion	Baseline	Week 8	Week 14	Week 24	Week 33
TL1 - Liver	55 mm	52 mm	44 mm	40 mm	38 mm
TL2 - Liver	48 mm	48 mm	44 mm	44 mm	43 mm
Sum	103 mm	100 mm (-3%)	88 mm (-15%)	84 mm (-18%)	81 mm (-21%)
Non-Target Lesion	Present	Present	Present	Present	Present
New Lesion	NA	No	No	No	No
Overall Response	NA	SD	SD	SD	SD

- Female, 56 y, ECOG PS 0, pancreatic ductal adenocarcinoma. Previously received curative surgery and 4 lines of therapies: gemcitabine / nab-paclitaxel; FOLFIRINOX; oxaliplatin, raltitrexed, irinotecan and leucovorin; gemcitabine / capecitabine
- Prolonged control of tumor growth (SD) with a 5% reduction in the sum of target lesions; treatment is ongoing (ADG126 6 mg/kg Q3W + TORI 240 mg Q3W)

Target Lesion	Baseline	Week 8	Week 15	Week 23	Week 31
TL1 - Liver	23 mm	22 mm	23 mm	23 mm	17 mm
TL2 - Liver	21 mm	21 mm	20 mm	19 mm	25 mm
Sum	44 mm	43 mm (-2%)	43 mm (-2%)	42 mm (-5%)	42 mm (-5%)
Non-Target Lesion	Present	Present	Present	Present	Present
New Lesion	NA	No	No	No	No
Overall Response	NA	SD	SD	SD	SD

Confirmed PRs in Two Pts

- Female, 51 y, ECOG PS 0, metastatic anal squamous cell carcinoma
- Previously received fluorouracil (5FU) / mitomycin C + radiation
- ADG126 10 mg/kg Q3W + TORI 240 mg Q3W (ongoing in Cycle 5)
- Confirmed PR with a 36% reduction in the sum of target lesions
- Male, 64 y, ECOG PS 1, metastatic penile SCC
- Previously received partial penectomy, bilateral lymph node dissection, chemotherapy (paclitaxel, ifosfamide, cisplatin) and palliative RT
- ADG126 10 mg/kg Q3W + TORI 240 mg Q3W (ongoing in Cycle 6)
- Confirmed PR with a 72% reduction in the sum of target lesions

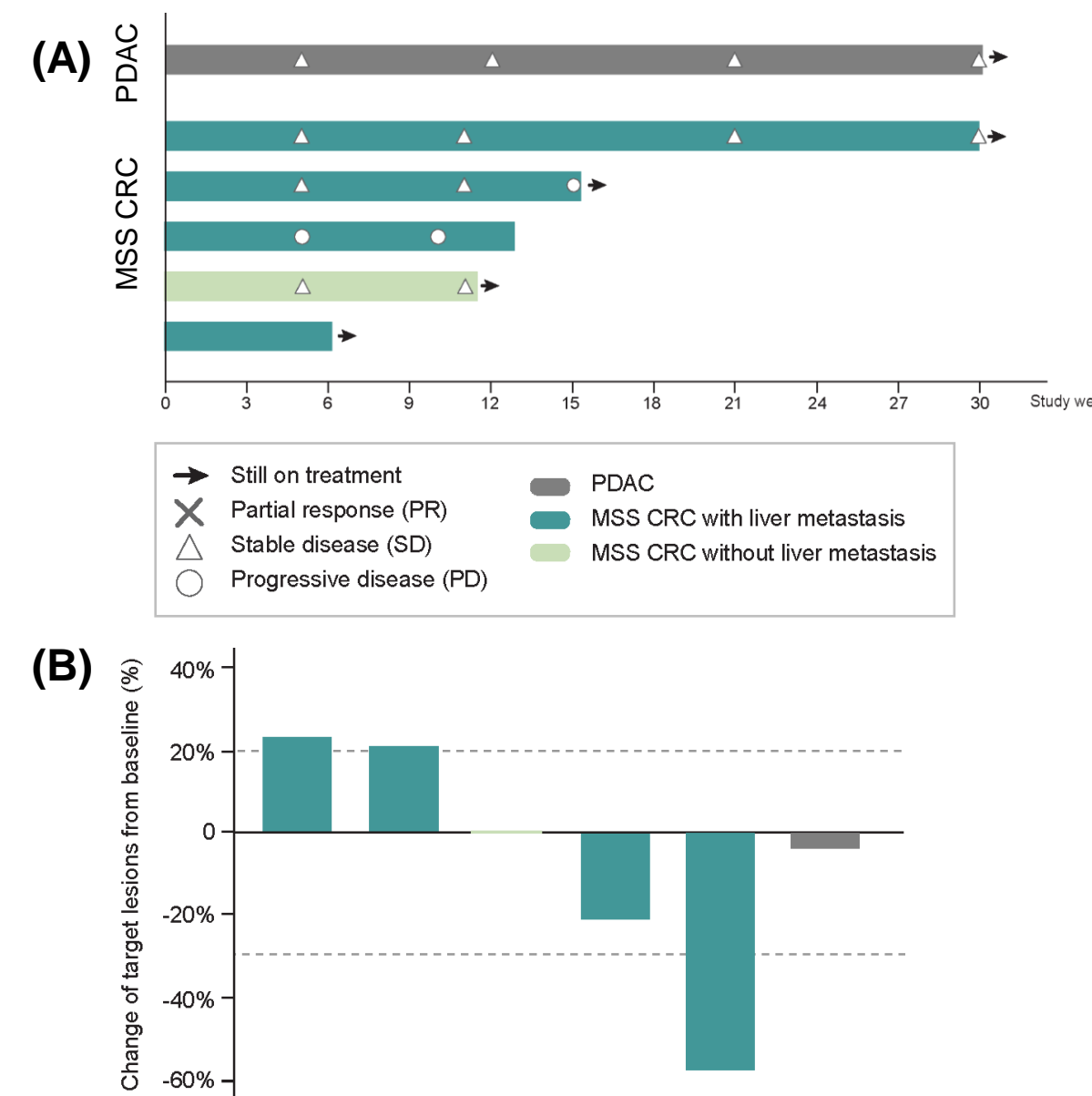


Figure 7. Response to ADG126 + TORI in gastrointestinal epithelial "cold tumors" including MSS CRC and PDAC (A) Swimmer plot (B) Waterfall plot