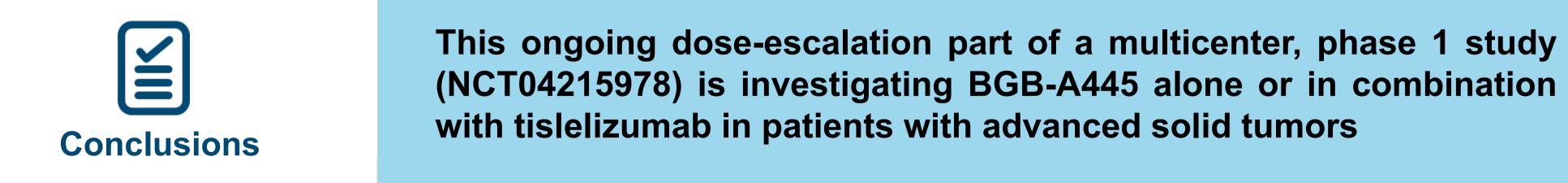
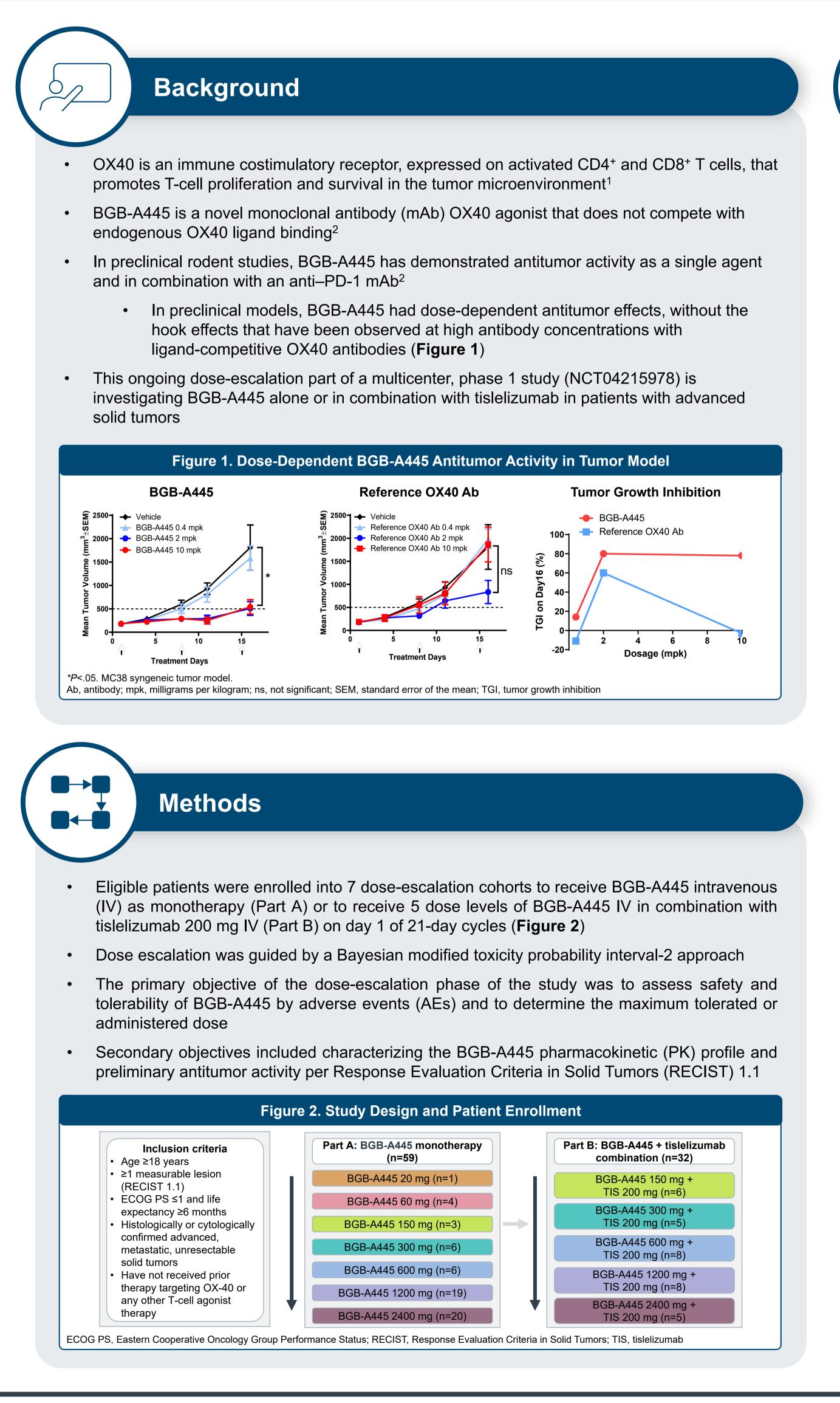
# A Phase 1 Study of the OX40 Agonist, BGB-A445, With or Without Tislelizumab, an Anti–PD-1 Monoclonal Antibody, in Patients with Advanced Solid Tumors

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Results

#### Patients

- As of August 31, 2022, 59 patients were enrolled in Part A and 32 patients were enrolled in Part B
- Baseline demographics were similar between Part A and Part B (**Table 1**)

Table 1. Baseline Characteristics <sup>a</sup>					
	Part A BGB-A445 monotherapy (n=59)	Part B combination BGB-A445 + tislelizumab (n=32)			
Median age (range), years	59.0 (28-80)	61.0 (37-75)			
Female sex, n (%)	33 (55.9)	19 (59.4)			
Race, n (%)					
Asian	16 (27.1)	4 (12.5)			
White	38 (64.4)	23 (71.9)			
Other	5 (8.5)	5 (15.6) <sup>6</sup>			
ECOG PS, n (%)					
0	26 (44.1)	15 (46.9)			
1	33 (55.9)	16 (50.0)			
2	0	1 (3.1)			
Median time from initial diagnosis to first dose	1.9	2.0			
(range), years	(0.3-22.2)	(0.3-5.8)			
Median number of prior anti-cancer systemic	2.0	2.0			
therapy regimens (range)	(1.0-7.0)	(1.0-4.0)			

<sup>a</sup> Safety population <sup>b</sup> Other race and unknown race

ECOG PS, Eastern Cooperative Oncology Group performance status

#### Safety

- Grade ≥3 treatment-emergent AEs (TEAEs) were reported in 24 patients (40.7%) in Part A and 17 patients (53.1%) in Part B, the most common of which were gastrointestinal disorders (eg, diarrhea and abdominal pain)
  - In Part A, no Grade  $\geq$ 3 TEAE by preferred term occurred in  $\geq$ 5% of the total group
  - In Part B, there were 4 Grade  $\geq$ 3 TEAEs reported in  $\geq$ 5% of the total group (diarrhea, 3 patients) [9.4%]; abdominal pain, pleural effusion, and pyrexia in 2 patients [6.3%] each)
  - Grade ≥3 immune-mediated AEs (imAEs) occurred in no patients in Part A and in 1 patient (3.1%; maculopapular rash and diarrhea) in Part B
- Treatment-related AEs leading to treatment discontinuation occurred in 1 patient (1.7%) in Part A (2400 mg group) and no patients in Part B; there were no deaths due to treatment-related TEAEs (TRAEs) in either Part (**Table 2** and **3**)
- There were no dose-limiting toxicities in either part of the study

	BGB-A445 20 mg (n=1)	BGB-A445 60 mg (n=4)	BGB-A445 150 mg (n=3)	BGB-A445 300 mg (n=6)	BGB-A445 600 mg (n=6)	BGB-A445 1200 mg (n=19)	BGB-A445 2400 mg (n=20)	Total (N=59)
No. of patients with ≥1 TEAE	1 (100.0)	4 (100.0)	3 (100.0)	5 (83.3)	5 (83.3)	16 (84.2)	20 (100.0)	54 (91.5)
No. of patients with ≥1 TRAE	0 (0.0)	1 (25.0)	2 (66.7)	3 (50.0)	5 (83.3)	9 (47.4)	14 (70.0)	34 (57.6)
Grade ≥3 TRAEs	0 (0.0)	0 (0.0)	1 (33.3)	1 (16.7)	0 (0.0)	0 (0.0)	2 (10.0)	4 (6.8)
Serious TRAEs	0 (0.0)	0 (0.0)	1 (33.3)	0 (0.0)	1 (16.7)	0 (0.0)	2 (10.0)	4 (6.8)
TRAEs leading to death	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TRAEs leading to treatment discontinuation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (5.0)	1 (1.7)
TRAEs leading to dose modification	0 (0.0)	0 (0.0)	1 (33.3)	0 (0.0)	1 (16.7)	1 (5.3)	5 (25.0)	8 (13.6)
Immune-related TRAEs	0 (0.0)	0 (0.0)	0 (0.0)	1 (16.7)	3 (50.0)	1 (5.3)	6 (30.0)	11 (18.6)
Most common TRAE by PT (≥10% in total group)								
Fatigue	0 (0.0)	0 (0.0)	0 (0.0)	2 (33.3)	1 (16.7)	2 (10.5)	2 (10.0)	7 (11.9)
Arthralgia	0 (0.0)	1 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (5.3)	4 (20.0)	6 (10.2)

PT, preferred term; TEAE, treatment-emergent adverse event; TRAE, treatment-related treatment-emergent adverse event

## Acknowledgments

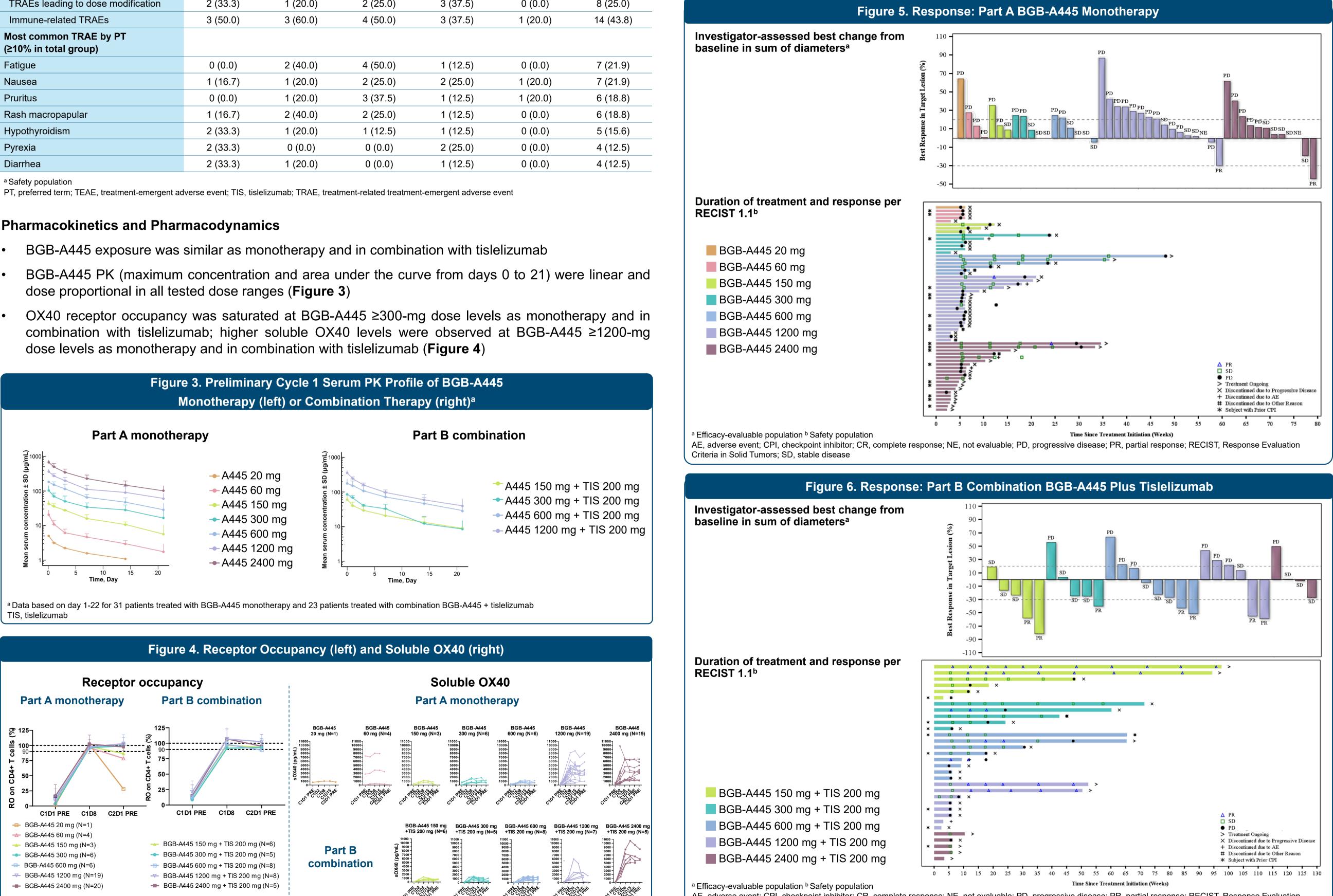
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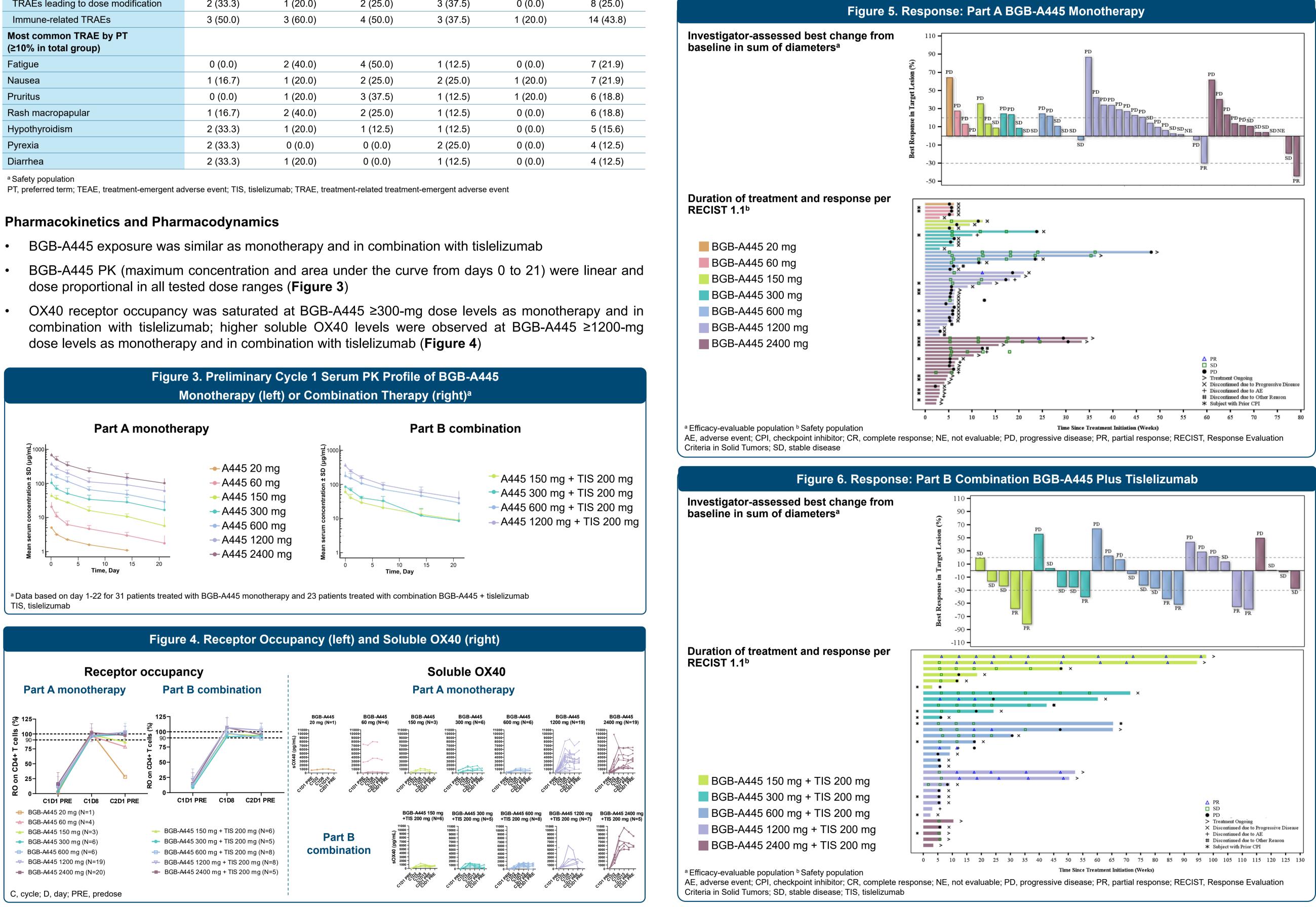
## There were no dose limiting toxicities with a favorable safety and tolerability profile and promising antitumor activity at up to 2400 mg as monotherapy and combination therapy

## The dose expansion part of this study is ongoing in non-small cell lung cancer and head and neck squamous cell carcinoma; BGB-A445 is also being further evaluated in melanoma, renal cell carcinoma, and urothelial carcinoma

	A445 150 mg + TIS 200 mg (n=6)	A445 300 mg + TIS 200 mg (n=5)	A445 600 mg + TIS 200 mg (n=8)	A445 1200 mg + TIS 200 mg (n=8)	A445 2400 mg + TIS 200 mg (n=5)	Total (N=32)
No. of patients with ≥1 TEAE	6 (100.0)	5 (100.0)	8 (100.0)	8 (100.0)	4 (80.0)	31 (96.9)
No. of patients with ≥1 TRAE	5 (83.3)	3 (60.0)	8 (100.0)	4 (50.0)	2 (40.0)	22 (68.8)
Grade ≥3 TRAEs	1 (16.7)	0 (0.0)	1 (12.5)	1(12.5)	0 (0.0)	3 (9.4)
Serious TRAEs	1 (16.7)	0 (0.0)	1 (12.5)	1(12.5)	1 (20.0)	4 (12.5)
TRAEs leading to death	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TRAEs leading to treatment discontinuation	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TRAEs leading to dose modification	2 (33.3)	1 (20.0)	2 (25.0)	3 (37.5)	0 (0.0)	8 (25.0)
Immune-related TRAEs	3 (50.0)	3 (60.0)	4 (50.0)	3 (37.5)	1 (20.0)	14 (43.8)
Most common TRAE by PT ≥10% in total group)						
Fatigue	0 (0.0)	2 (40.0)	4 (50.0)	1 (12.5)	0 (0.0)	7 (21.9)
Nausea	1 (16.7)	1 (20.0)	2 (25.0)	2 (25.0)	1 (20.0)	7 (21.9)
Pruritus	0 (0.0)	1 (20.0)	3 (37.5)	1 (12.5)	1 (20.0)	6 (18.8)
Rash macropapular	1 (16.7)	2 (40.0)	2 (25.0)	1 (12.5)	0 (0.0)	6 (18.8)
Hypothyroidism	2 (33.3)	1 (20.0)	1 (12.5)	1 (12.5)	0 (0.0)	5 (15.6)
Pyrexia	2 (33.3)	0 (0.0)	0 (0.0)	2 (25.0)	0 (0.0)	4 (12.5)
Diarrhea	2 (33.3)	1 (20.0)	0 (0.0)	1 (12.5)	0 (0.0)	4 (12.5)

- dose proportional in all tested dose ranges (**Figure 3**)
- dose levels as monotherapy and in combination with tislelizumab (**Figure 4**)





### Disclosures

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#### Efficacy

- Of 50 patients in the efficacy-evaluable population of Part A, 2 patients (4.0%) achieved unconfirmed partial response (uterine carcinosarcoma [1200 mg], metastatic lung adenocarcinoma [2400 mg]), 18 patients (36.0%) had stable disease, 26 patients (52.0%) had progressive disease, and 6 patients were not evaluable/assessed (Figure 5)
- Of 30 patients in the efficacy-evaluable population of Part B, 7 patients (23.3%) achieved confirmed partial response (colorectal cancer [150 mg], anal cancer [150 mg], cervical cancer [300 mg], bladder cancer [600 mg], urothelial carcinoma of the upper tract [600 mg], NSCLC-nonsquamous [1200 mg], colorectal cancer [1200 mg]), 13 patients (43.3%) had stable disease, 8 patients (26.7%) had progressive disease, and 2 patients were not evaluable/assessed (**Figure 6**)