# AdvanTIG-301: Anti-TIGIT monoclonal antibody ociperlimab + tislelizumab + concurrent chemoradiotherapy followed by ociperlimab + tislelizumab or tislelizumab + concurrent chemoradiotherapy followed by tislelizumab versus concurrent chemoradiotherapy followed by durvalumab in previously untreated, locally advanced, unresectable non-small cell lung cancer

Ligang Xing\*,1 Jinming Yu,1 Solange Peters,2 Benjamin Besse,3 Alexander Spira,4 Jie Wang,5 Yalan Yang,6 Huanli Wang,7 Chenlu Wei7

<sup>1</sup>Department of Radiation Oncology, Shandong Cancer Hospital and Institute, Jinan, China; <sup>2</sup>Oncology Department, Lausanne University Hospital, Lausanne, Switzerland; <sup>3</sup>Medical Oncology Department, Gustave Roussy Institute, Villejulf, France; <sup>4</sup>Oncology/Clinical Trials Department, Virginia Cancer Specialists Research Institute, Fairfax and US Oncology Research, The Woodlands, USA; <sup>4</sup>State Key Laboratory of Molecular Oncology, Department of Medical Oncology, National Cancer Center/National Clinical Research Center for Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical Colege, Beijing, China; <sup>+</sup>Clinical Development, BeiGene (Shanghai), Shanghai, China; <sup>+</sup>Biostalistics, BeiGene (Beijing), Beijing, China; <sup>+</sup>Corresponding author

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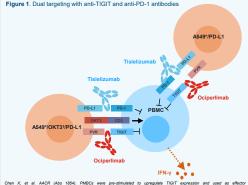
## Introduction

## Unmet need in NSCLC

- o Non-small cell lung cancer (NSCLC) accounts for approximately 85% of lung cancers, and around one third of patients with NSCLC present with Stage III, locally advanced disease at initial diagnosis.<sup>1</sup> This can lead to a poor long-term prognosis<sup>2</sup>
- Programmed cell death protein 1 (PD-1)/programmed death-ligand 1 (PD-1)-based therapy, in combination with concurrent thermoradiotherapy (CGT), has been shown to improve survival outcomes for patients with locally advanced, unresectable disease<sup>3-2</sup> PD-1 inhibitor durvalumab (DUR) is the current standard of care for patients whose disease and not progressed following CGT<sup>8</sup>
- Despite this improvement in treatment outcomes, most patients still suffer from disease recurrence with an 18-month progression-free survival rate of approximately 44%<sup>6,9</sup>

## Introduction to ociperlimab, tislelizumab, and the AdvanTIG-301 study

- T-cell immunoreceptor with immunoglobulin (Ig) and tyrosine-based inhibitory motif domains (TIGIT) is a co-inhibitory immune checkpoint receptor upregulated on T cells and natural killer cells in multiple solid tumors<sup>10,11</sup>
- The addition of an anti-TIGIT therapy to PD-1 backbone therapy could enhance antitumor responses and improve clinical outcomes for patients with non-oncogene driven NSCLC by enhancing antitumor response. Dual targeting of tumors with anti-TIGIT and anti-PD-1 monodonal antibodies (mAbs) (Figure 1) produces synergistic immune cell activation and enhanced antitumor activity in preclinical and clinical studies<sup>11,12</sup>
- Ociperlinab (OCI: BGB-A1217) is a humanized IgG1 mAb designed to bind to TIGIT with high affinity and specificity, blocking the interaction with cluster of differentiation (CD) 155 (policy/wirs receptor [PVR]) and CD112 (PVR-related 2; nectin-2) expressed by tumor cells. This leads to inhibitory signalling in T cells and natural killer cells<sup>13,14</sup>
- Tislelizumab (TIS) is a humanized IgG4 mAb designed to minimize Fc gamma receptor binding on macrophages to abrogate antibody-dependent phagocytosis, a potential mechanism of resistance to anti-PD-1 therapy<sup>15,16</sup>

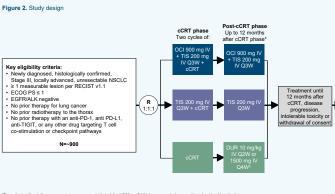


Chen X, et al. AACR (Abs 1554), PMGCs were pre-stimulated to prognitist TOIC provession and used as effector cells. PD-11 and Tocel angeng (CSB) poolite Ads 6016 Ads(ASCR) PD-11 were used as target cells. IFVy second was used as the readout for T-cel advatation. The combination of OCI and TS enhanced (FMV production compared with OCI and TS abune<sup>11</sup> // PMP poolite AdS (Sells: Taint-CSI and tool) cities: Ad-45 advatations and advatation and the sells: Taint-CSI advatation and the sells and tool cities Ad-45 advatations are provided to the sells and the sells. To CSI advatation advatation

## Conclusions

- AdvanTIG-301 is an ongoing Phase 3 study investigating the efficacy and safety of ociperlimab plus tislelizumab plus cCRT followed by ociperlimab plus tislelizumab or tislelizumab plus cCRT followed by tislelizumab vs cCRT followed by durvalumab in patients with locally advanced, unresectable NSCLC
- This study will provide insight into the effect of dual targeting with anti-TIGIT and anti-PD-1 antibodies (ociperlimab and tislelizumab) in combination with cCRT

Methods



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## Study design and treatment

- AdvanTIG-301 is a Phase 3, multicenter, international, randomized, open-label study (NCT04866017)
- Approximately 900 patients with newly diagnosed, histologically confirmed, locally advanced, Stage III unresectable NSCLC will be enrolled (Figure 2) (aged ≥ 18 years)
- Study enrollment has begun, and recruitment is ongoing. Current study locations are presented in Figure 3
- Eligible patients will be randomized 1:1:1 to:
  - Arm A: Two cycles of OCI 900 mg intravenously (IV) + TIS 200 mg IV every 3 weeks (Q3W) + cCRT followed by OCI 900 mg IV + TIS 200 mg IV Q3W for up to 12 months after cCRT
  - Arm B: Two cycles of TIS 200 mg IV Q3W + cCRT followed by TIS 200 mg IV Q3W for up to 1 year after cCRT
  - Arm C: Two cycles of cCRT followed by DUR 10 mg/kg IV every 2 weeks (or 1500 mg IV every 4 weeks) for up to 1 year after cCRT
- Study endpoints are outlined in Table 1. Safety and efficacy will be monitored by an independent Data Monitoring Committee
- Tumor imaging will be performed approximately every 9 weeks from randomization for the first 54 weeks, and every 12 weeks thereafter based on RECIST v1.1

#### Table 1. AdvanTIG-301 study endpoints

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Safety and

survival

follow-up

mary endpoints	PFS and CRR by IRC per RECIST v1.1 in the ITT analysis set
	ITT and PD-L1 positive analysis sets
	+ OS
	<ul> <li>ORR assessed by both IRC and the investigator per RECIST v1.1</li> </ul>
	DoR assessed by both IRC and the investigator per RECIST v1.1
	<ul> <li>PFS by the investigator per RECIST v1.1</li> </ul>
condary endpoints	Time to death or distant metastasis by IRC
	• HRQoL
	Safety and tolerability
	Serum concentrations of ociperlimab and tislelizumab
	Immunogenic responses to ociperlimab and tislelizumab
	Evaluation of PD-L1 and TIGIT expression
oloratory endpoints	Biomarkers and patient-reported outcomes

CRR, complete response nite: DoR, duration of response. HRQL, health-related quality of Ile: IRC, independent review committee ITT, intertoteet ORR, overalt review I converties Univer I converties (Interto, Interto, I

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