The Implications of Recent Datasets for the Current and Future Management of Small Cell Lung Cancer — A 2024 World Conference on Lung Cancer Review Webinar

A CME/MOC-Accredited Live Webinar

Thursday, September 26, 2024 5:00 PM – 5:45 PM ET

> Faculty Jacob Sands, MD



#### Faculty



Jacob Sands, MD Physician Dana-Farber Cancer Institute Assistant Professor Harvard Medical School Boston, Massachusetts



MODERATOR Neil Love, MD Research To Practice Miami, Florida



#### **Commercial Support**

This activity is supported by an educational grant from Daiichi Sankyo Inc.



#### **Dr Love — Disclosures**

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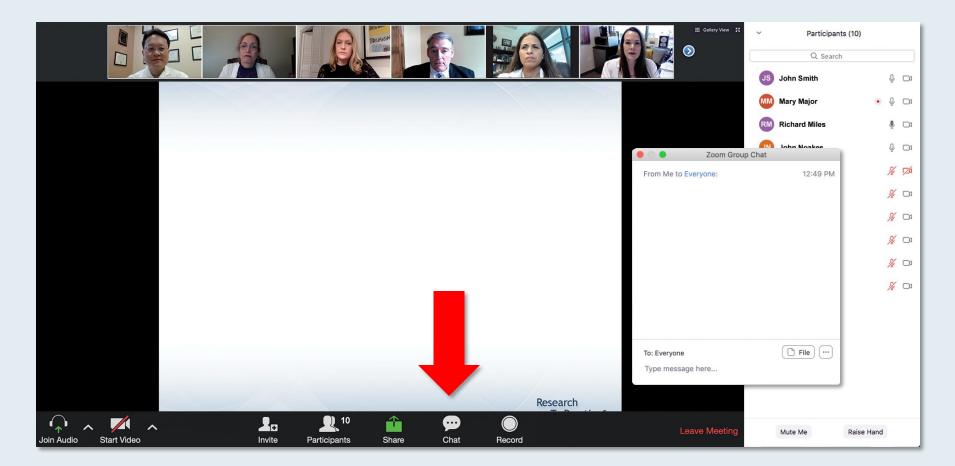
Data and Safety Monitoring Board	Johnson & Johnson Pharmaceuticals
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#### We Encourage Clinicians in Practice to Submit Questions

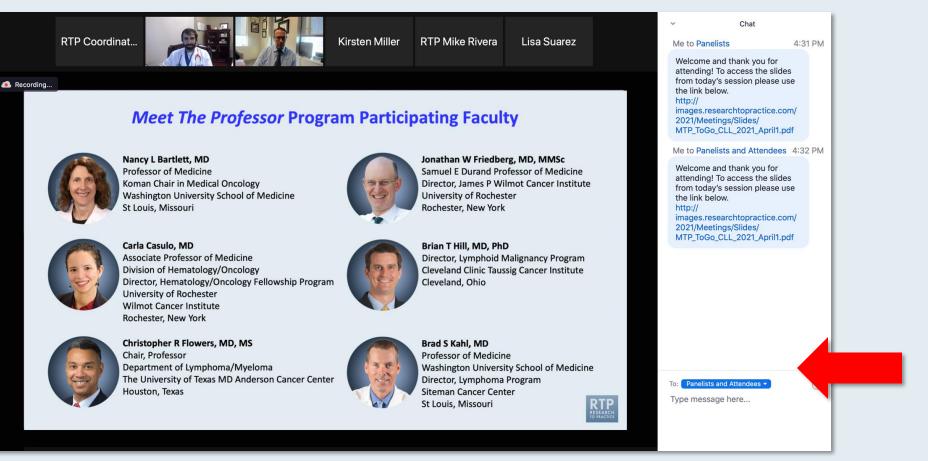


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#### **Expand chat submission box**



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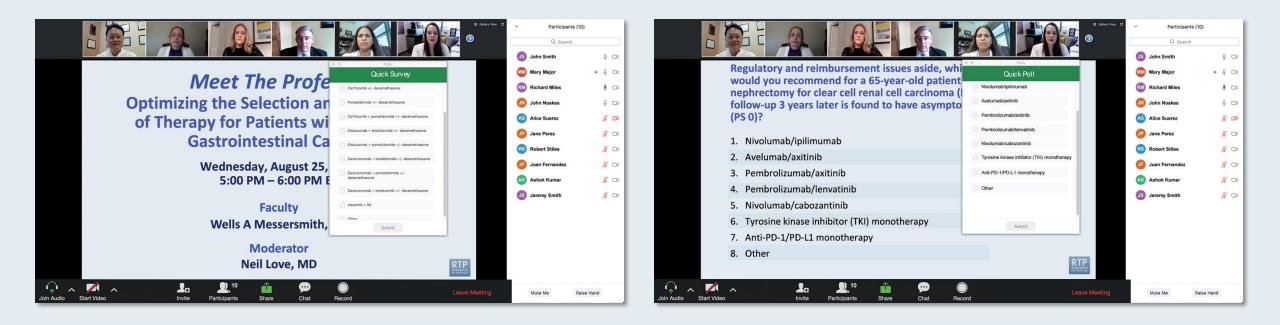
#### **Increase chat font size**



Press Command (for Mac) or Control (for PC) and the + symbol. You may do this as many times as you need for readability.



## Clinicians in the Audience, Please Complete the Pre- and Postmeeting Surveys





## **ONCOLOGY TODAY** WITH DR NEIL LOVE

# Management of Small Cell Lung Cancer



DR BENJAMIN LEVY JOHNS HOPKINS SIDNEY KIMMEL CANCER CENTER









Dr Benjamin Levy – Management of Sr Oncology Today with Dr Neil Love —

Improving Outcomes with First-Line Endocrine-Based Therapy for Patients with HR-Positive, HER2-Negative Metastatic Breast Cancer

A CME/MOC-Accredited Live Webinar

Tuesday, October 8, 2024 5:00 PM – 6:00 PM ET

Faculty Francois-Clement Bidard, MD, PhD Kevin Kalinsky, MD, MS



The Implications of Recent Datasets for the Current and Future Management of Gastrointestinal Cancers — An ESMO Congress 2024 Review

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Tuesday, October 15, 2024 5:00 PM – 6:00 PM ET

**Faculty** Tanios Bekaii-Saab, MD Philip A Philip, MD, PhD, FRCP



Data + Perspectives: Clinical Investigators Explore the Application of Recent Datasets in Current Oncology Care A Multitumor Hybrid Symposium in Partnership with Florida Cancer Specialists & Research Institute

### Saturday, October 26, 2024

HR-Positive Breast Cancer Faculty Joyce O'Shaughnessy, MD Seth Wander, MD, PhD Prostate Cancer Faculty Matthew R Smith, MD, PhD Sandy Srinivas, MD



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## Saturday, October 26, 2024

Multiple Myeloma Faculty Shaji K Kumar, MD Noopur Raje, MD



What Clinicians Want to Know: Addressing Current Questions and Controversies in the Management of Hematologic Cancers				
	A CME Friday Satellite Symposium and Webcast Series Preceding the 66 <sup>th</sup> ASH Annual Meeting and Exposition			
	Friday, December 6, 2024			
	Chronic Myeloid Leukemia 7:30 AM – 9:00 AM PT	Myelofibrosis 11:30 AM – 1:30 PM PT		
	Chronic Lymphocytic Leukemia 7:30 AM – 9:30 AM PT	Acute Myeloid Leukemia 3:15 PM – 5:15 PM PT		
	CAR-T and Bispecific-Antibody Therapy for Lymphoma 11:30 AM – 1:30 PM PT	Multiple Myeloma 3:15 PM – 5:15 PM PT		



Rounds with the Investigators: Compelling Teaching Cases Focused on the Management of Breast Cancer A 3-Part CME Hybrid Satellite Symposium Series in Partnership with the 2024 San Antonio Breast Cancer Symposium®

HER2-Low and HER2-Ultralow Breast Cancer Tuesday, December 10, 2024 7:15 PM – 8:45 PM CT New Developments in Endocrine Treatment for Breast Cancer Wednesday, December 11, 2024 7:15 PM – 9:15 PM CT

Management of Metastatic Breast Cancer Thursday, December 12, 2024 7:15 PM – 9:15 PM CT



#### **Save The Date**

## Fourth Annual National General Medical Oncology Summit

A Multitumor CME/MOC-, ACPE- and NCPD-Accredited Educational Conference Developed in Partnership with Florida Cancer Specialists & Research Institute

Friday to Sunday, February 28 to March 2, 2025

Fontainebleau Hotel, Miami Beach, Florida

Moderated by Neil Love, MD

## Thank you for joining us!

Information on how to obtain CME, ABIM MOC and ABS credit will be provided at the conclusion of the activity in the Zoom chat room. Attendees will also receive an email in 1 to 3 business days with these instructions.



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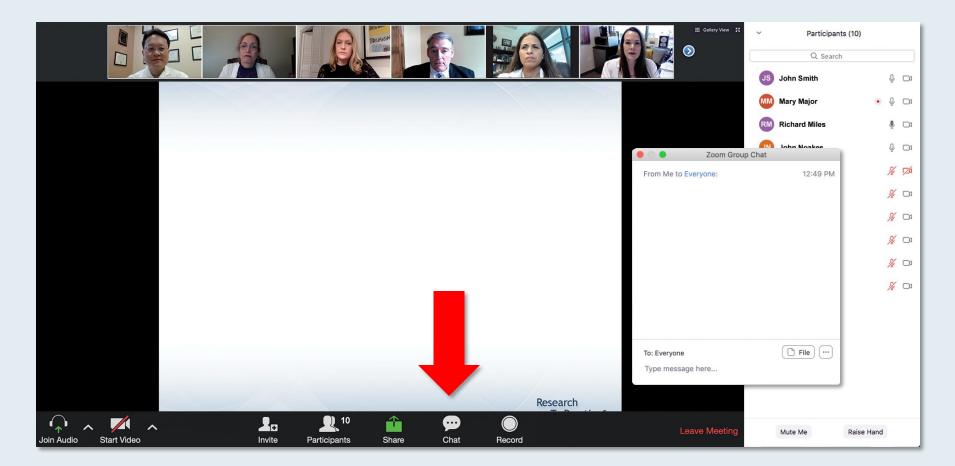
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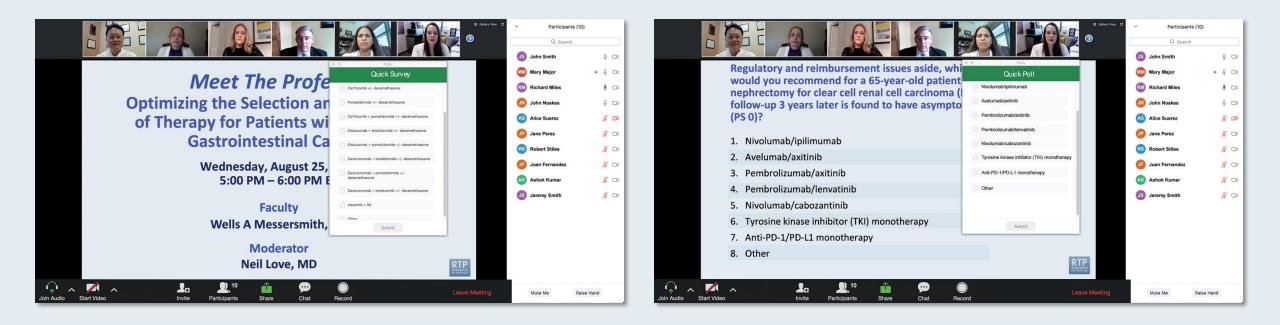
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## Agenda

Introduction: A 66-Year-Old Man with a Lung Nodule on Lung Cancer Screening

Module 1: Current and Future Management of Small Cell Lung Cancer (SCLC)

Module 2: Other Relevant SCLC Abstracts from WCLC 2024



## Agenda

Introduction: A 66-Year-Old Man with a Lung Nodule on Lung Cancer Screening

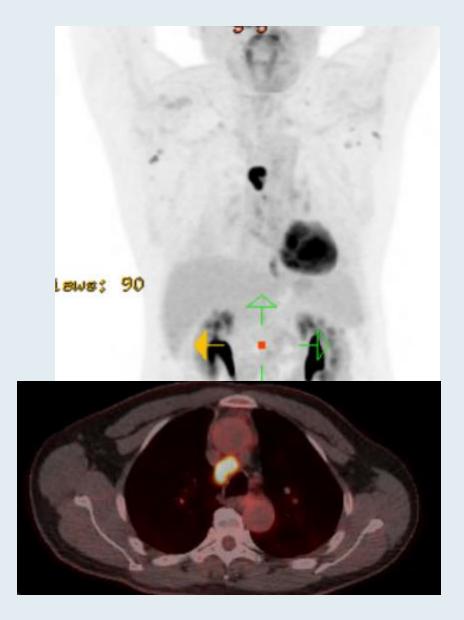
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# **Clinical Case**

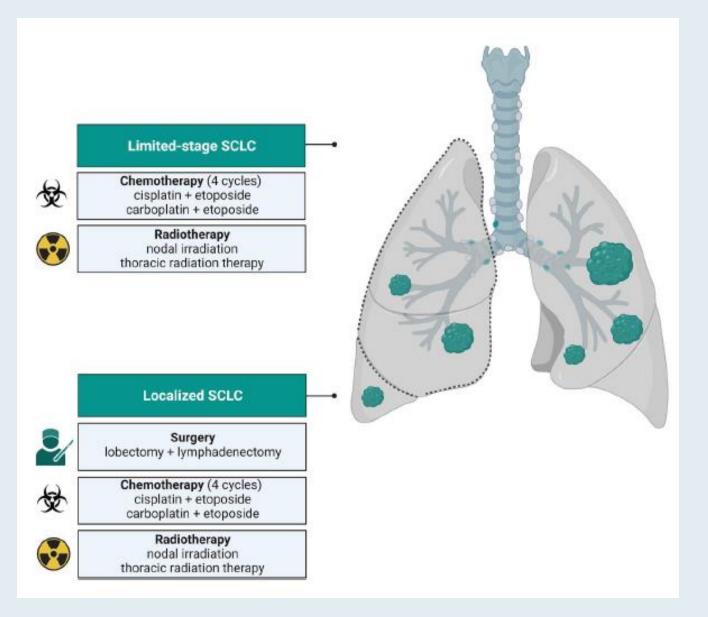
- 66-yr old man who underwent lung screening at the recommendation of his PCP
- Right lung nodule and mediastinal adenopathy noted on scan
- PET/CT showed FDG avidity
- Biopsy demonstrated small cell lung cancer
- What treatment do you recommend?



## **Clinical Case: Recurrence**

- Was treated with cisplatin and etoposide concurrent with radiation followed by durvalumab
- About 6 months into treatment on durvalumab, CT scan showed metastatic recurrence at multiple sites, including liver, right adrenal, and 3 bone mets
- He is asymptomatic and continues to have good functional status
- Biopsy of liver met confirms recurrent SCLC
- What is next line treatment?

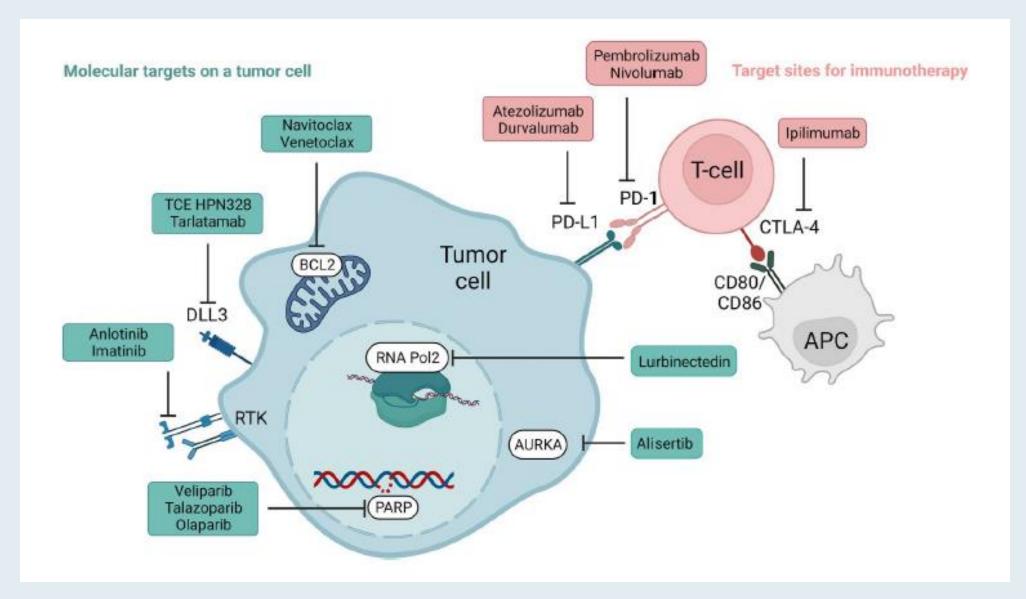
### **Therapeutic Approaches for Limited-Stage and Localized SCLC**





Megyesfalvi Z et al. CA Cancer J Clin 2023;73:620-52.

### **Molecular Targets in SCLC**





Megyesfalvi Z et al. CA Cancer J Clin 2023;73:620-52.

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## The Implications of Recent Datasets for the Current and Future Management of Small Cell Lung Cancer

### Jacob Sands, MD

Physician Dana-Farber Cancer Institute Assistant Professor Harvard Medical School Boston, Massachusetts



The NEW ENGLAND JOURNAL of MEDICINE

2024 September 13;[Online ahead of print]

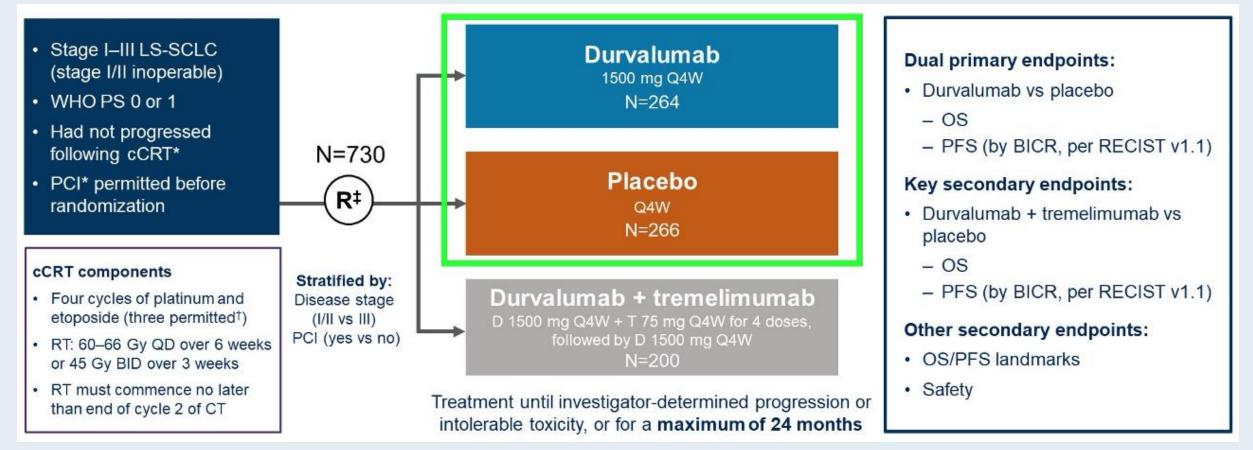
ORIGINAL ARTICLE

# Durvalumab after Chemoradiotherapy in Limited-Stage Small-Cell Lung Cancer

Y. Cheng, D.R. Spigel, B.C. Cho, K.K. Laktionov, J. Fang, Y. Chen, Y. Zenke,
K.H. Lee, Q. Wang, A. Navarro, R. Bernabe, E.L. Buchmeier, J.W.-C. Chang,
Y. Shiraishi, S.S. Goksu, A. Badzio, A. Shi, D.B. Daniel, N.T.T. Hoa, M. Zemanova,
H. Mann, H. Gowda, H. Jiang, and S. Senan, for the ADRIATIC Investigators\*



# **ADRIATIC Phase III Study Design**

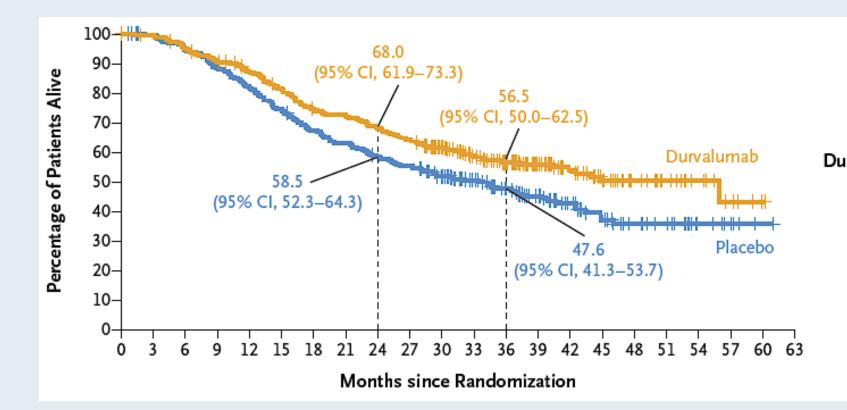


LS-SCLC = limited-stage small cell lung cancer; cCRT = concurrent chemoradiation therapy; PCI = prophylactic cranial irradiation; RT = radiation therapy; OS = overall survival; PFS = progression-free survival; BICR = blinded independent central review



Spigel DR et al. ASCO 2024; Abstract LBA5.

## **ADRIATIC: Overall Survival (Dual Primary Endpoint)**

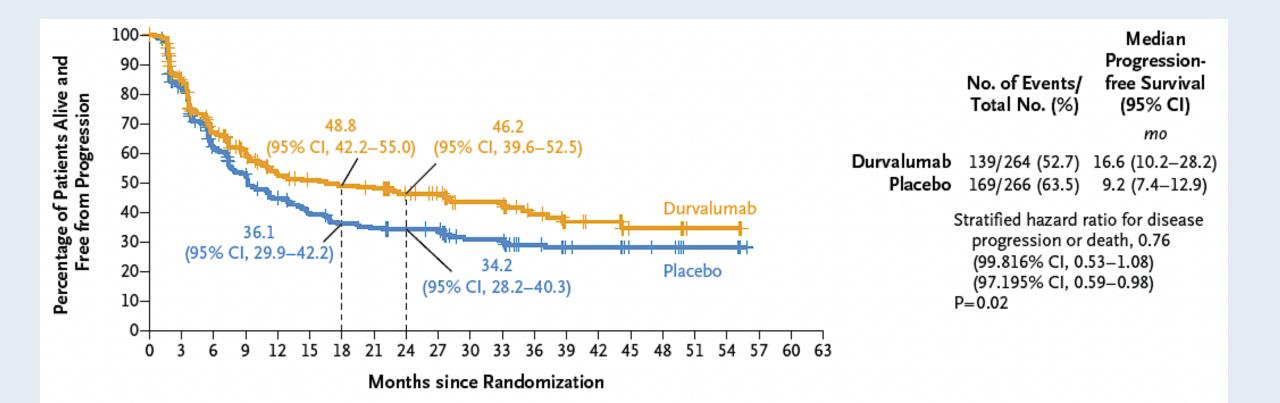


Median Overall No. of Deaths/ Total No. (%) Survival (95% CI) mo Durvalumab 115/264 (43.6) 55.9 (37.3–NR) Placebo 146/266 (54.9) 33.4 (25.5–39.9) Stratified hazard ratio for death, 0.73 (98.321% CI, 0.54–0.98) P=0.01



Cheng Y et al. N Engl J Med 2024 September 13;[Online ahead of print].

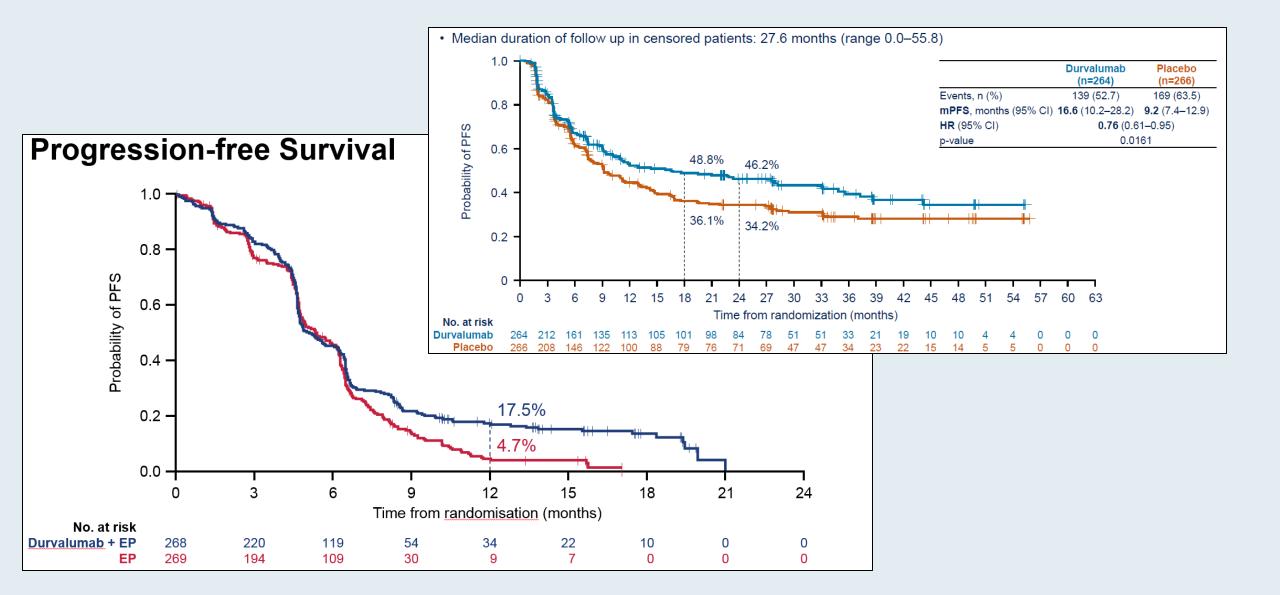
## **ADRIATIC: Progression-Free Survival (Dual Primary Endpoint)**



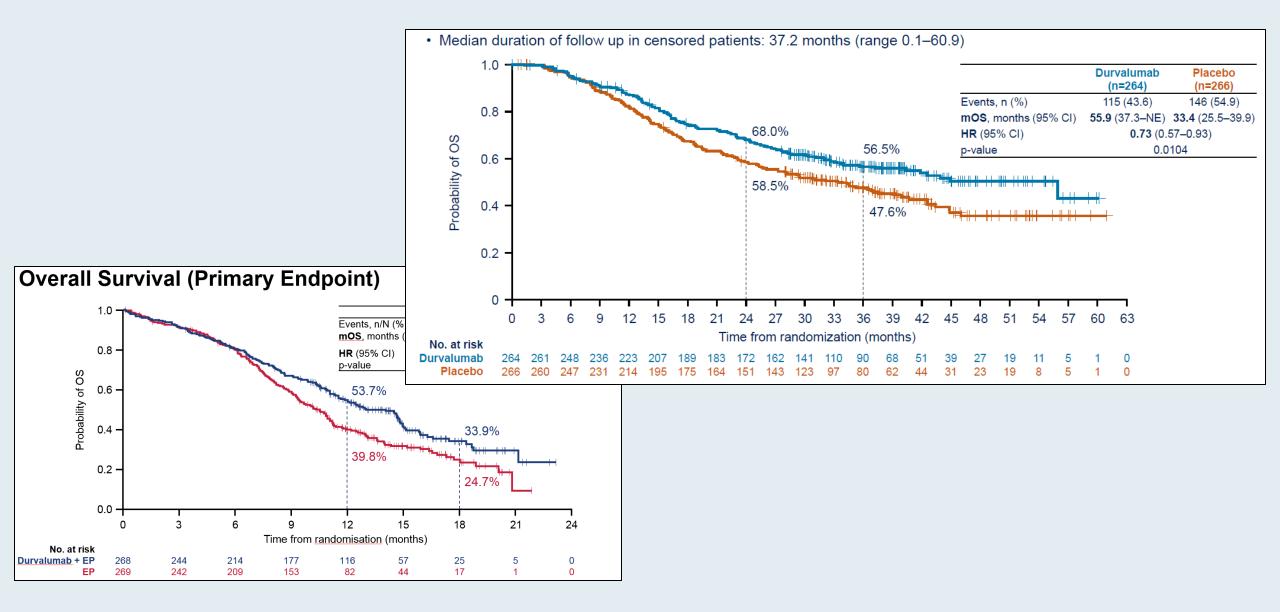


Cheng Y et al. N Engl J Med 2024 September 13;[Online ahead of print].

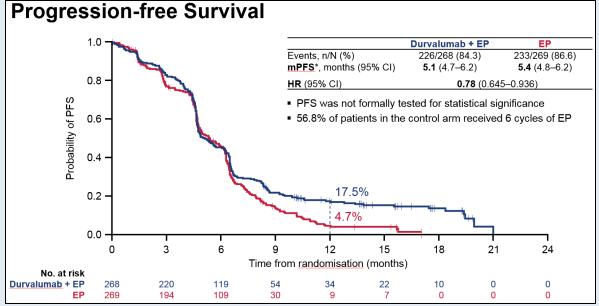
### **Progression-Free Survival Comparison with CASPIAN**



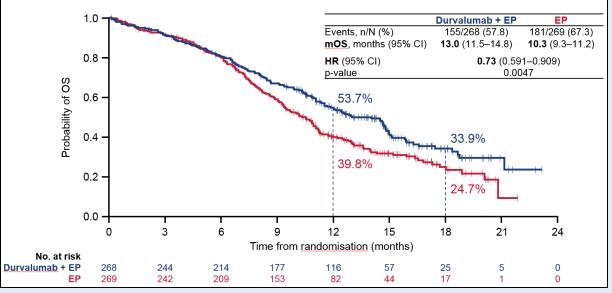
### **Overall Survival Comparison with CASPIAN**



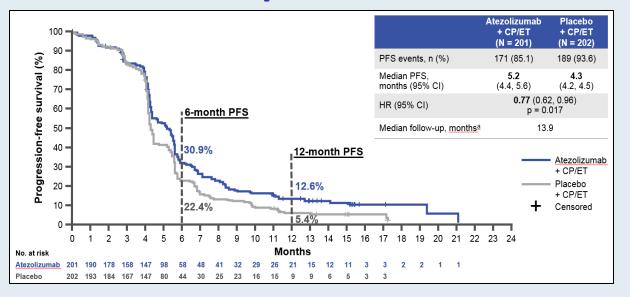
## **CASPIAN**

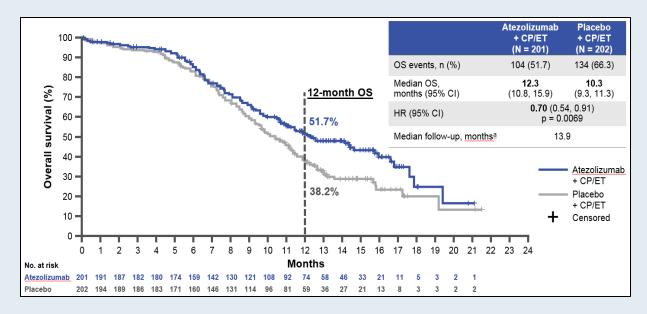


### **Overall Survival (Primary Endpoint)**



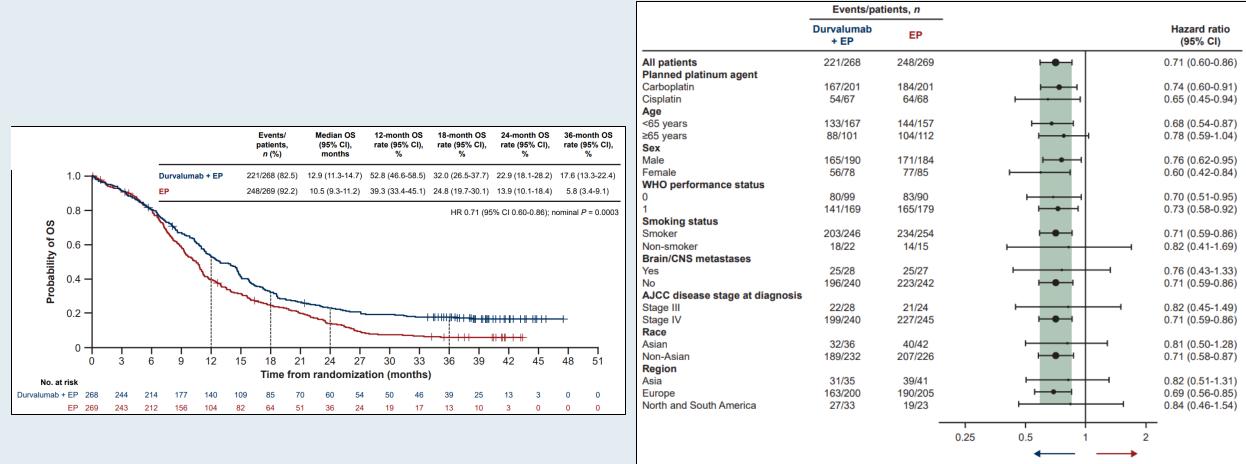
### **IMpower133**





Paz-Ares L et al. Lancet 2019;394(10212):1929-39. Horn L et al. N Engl J Med 2018;379(23):2220-9.

### **Updated OS Data for CASPIAN**

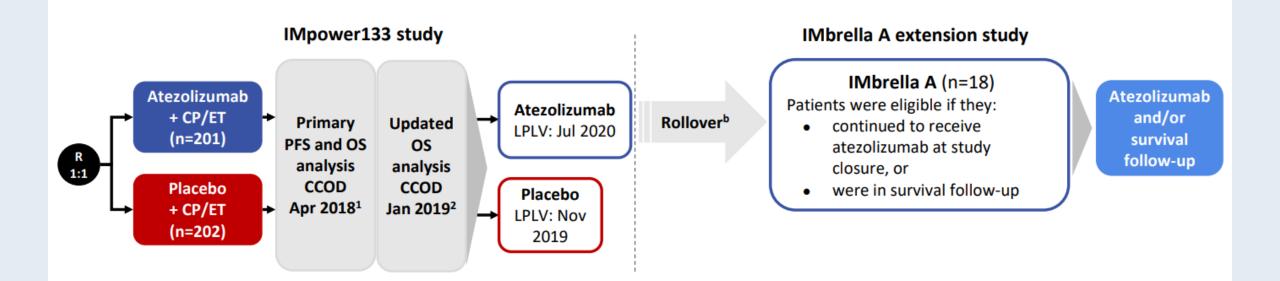


Favors durvalumab Favors EP + EP

Paz-Ares L et al. ESMO Open. 2022;7(2):100408.

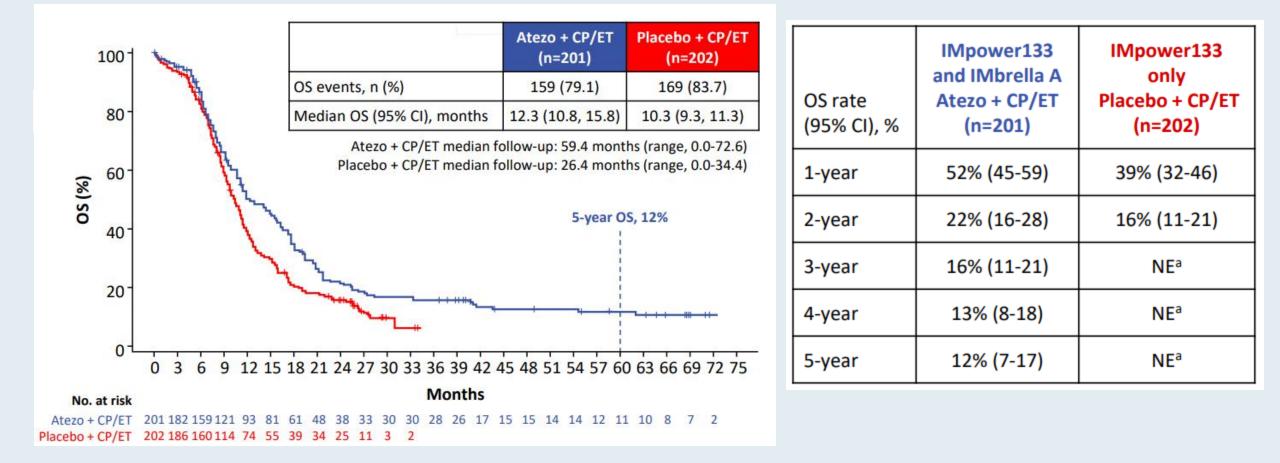
### **Updated OS Data for IMpower133**

IMbrella A is an extension of IMpower133 that included long term responders to atezolizumab for ongoing treatment



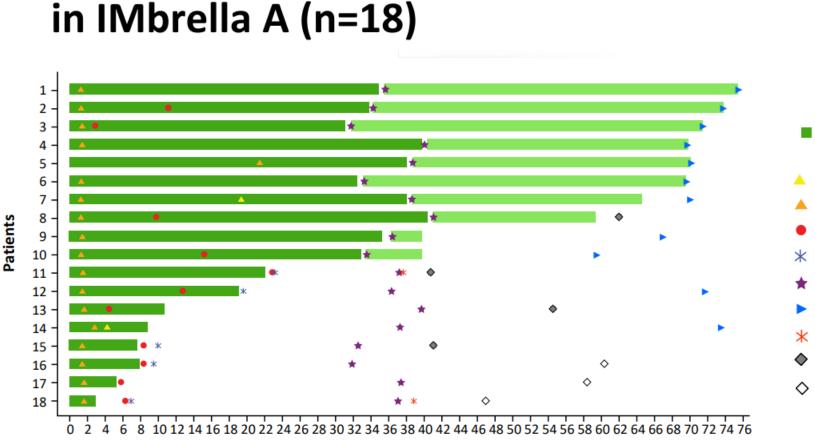
Liu et al. WCLC 2023

### **Updated OS Data for IMpower133**



Liu et al. WCLC 2023

## **Updated OS Data for IMpower133**



Patients from IMpower133 who enrolled

IASLC 2023 World Conference on Lung Cancer



- First complete response (n=2)
- First partial response (n=18)
- First disease progression (n=11)
- First subsequent therapy on IMpower133 (n=5)
- ★ IMbrella A rollover (n=18)
- Alive and on study in IMbrella A (n=11)
- ★ First subsequent therapy on IMbrella A (n=2)
- Death (n=4)
- Discontinuation from IMbrella A (n=3)

Months

# **Questions?**



### FDA Grants Accelerated Approval to Tarlatamab for Extensive-Stage Small Cell Lung Cancer Press Release: May 16, 2024

"On May 16, 2024, the Food and Drug Administration granted accelerated approval to tarlatamab-dlle for extensive stage small cell lung cancer (ES-SCLC) with disease progression on or after platinum-based chemotherapy.

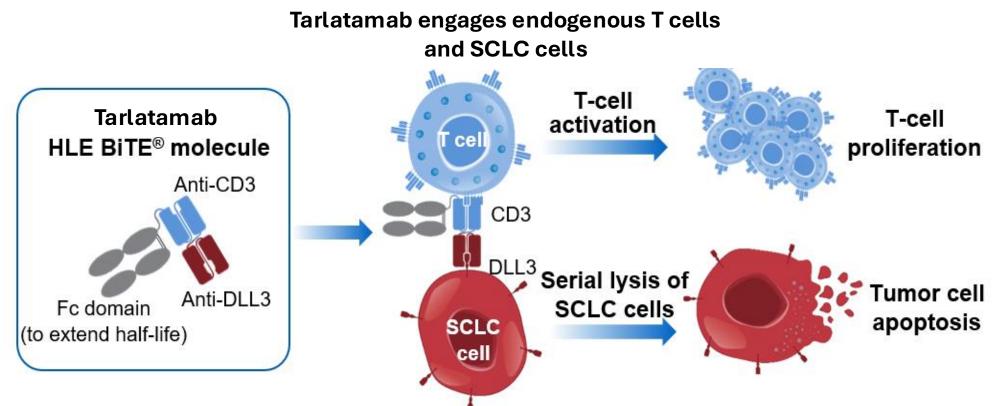
Efficacy was evaluated in 99 patients with relapsed/refractory ES-SCLC with disease progression following platinum-based chemotherapy enrolled in DeLLphi-301 [NCT05060016], an open-label, multicenter, multi-cohort study. Patients with symptomatic brain metastases, interstitial lung disease or non-infectious pneumonitis, and active immunodeficiency were excluded. Patients received tarlatamab until disease progression or unacceptable toxicity.

The major efficacy outcome measures were overall response rate (ORR) per RECIST 1.1 and duration of response (DOR), as assessed by blinded independent central review. ORR was 40% (95% CI: 31, 51) and median DOR was 9.7 months (range 2.7, 20.7+). Of the 69 patients with available data regarding platinum sensitivity status, the ORR was 52% (95% CI 32, 71) in 27 patients with platinum-resistant SCLC (defined as progression < 90 days after last dose of platinum therapy) and 31% (95% CI 18, 47) in 42 patients with platinum-sensitive SCLC (defined as progression ≥ 90 days after last dose of platinum therapy)."

https://www.fda.gov/drugs/resources-information-approved-drugs/fda-grants-accelerated-approval-tarlatamab-dlle-extensive-stage-small-cell-lung-cancer



# Tarlatamab: A Half-life Extended BiTE<sup>®</sup> (bispecific T-cell engager) Immuno-oncology Therapy Targeting DLL3 for SCLC



CD, cluster of differentiation; DLL3, delta-like ligand 3; Fc, fragment crystallizable domain; HLE BiTE, half-life extended bispecific T-cell engager; SCLC, small cell lung cancer.

Stieglmaier J, et al. *Expert Opin Biol Ther*. 2015;15:1093-1099. Einsele H, et al. *Cancer*. 2020;126:3192-3201. Paz-Ares L, Champiat S, Lai WV, et al. *J Clin Oncol*. 2023;41(16):2893-2903.

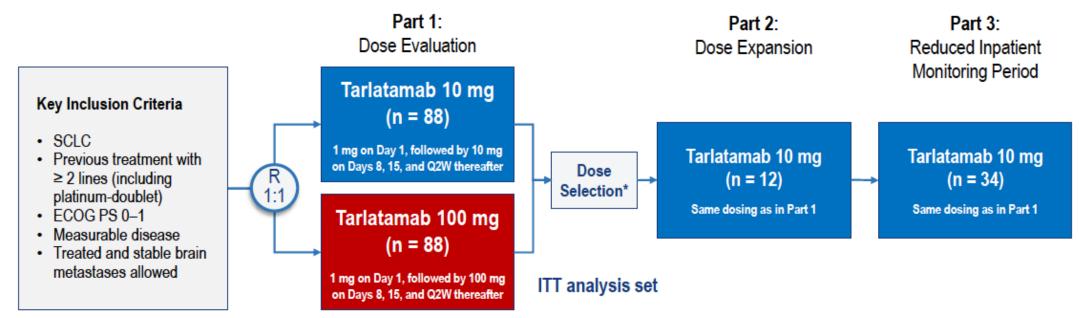
 The inhibitory notch ligand delta-like ligand 3 (DLL3) is aberrantly expressed on the surface of up to 85% of SCLC cells and minimally expressed in normal tissues.

 In vitro SCLC models have indicated a role for DLL3 in promoting tumor growth, migration, and invasion.

Courtesy of Luis Paz-Ares, MD, PhD

### **DeLLphi-301 Phase II Study Design**

• Phase 2, open-label study (NCT05060016)



Primary Endpoint: ORR per RECIST 1.1 by BICR

### Secondary Endpoints Included: DOR, DCR, PFS per RECIST 1.1 by BICR, OS, TEAEs, tarlatamab serum concentrations

Data cutoff was January 12, 2024 for all efficacy and safety outcomes, except for OS. For OS, the data cutoff was May 16, 2024 to obtain mature OS data with a median follow-up of 20.7 months. \*Once 30 patients per dose level had the opportunity to confirm an objective response after the first post-treatment scan or ≥ 13 weeks of follow-up, whichever occurred first. BICR, blinded independent central review; DCR, disease control rate; DOR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; ITT, intention-to-treat; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; Q2W, every 2 weeks; R, randomization; RECIST, Response Evaluation Criteria in Solid Tumors; SCLC, small cell lung cancer; TEAE, treatment-emergent adverse event.



#### Sands J et al. WCLC 2024; Abstract OA10.03.

### **DeLLphi-301: Tarlatamab Anticancer Activity**

Outcome	Part 1 + 2 Tarlatamab 10 mg (N = 100)
<b>Objective response rate</b> , n (%) (95% Cl for %)	40 (40) (30.3–50.3)
Complete response	3 (3)
Partial response	37 (37)
Stable disease	30 (30)
Progressive disease	20 (20)
Not evaluable / no post-baseline scan*	10 (10)
Disease control rate, n (%) (95% CI for %)	70 (70) (60.0–78.8)

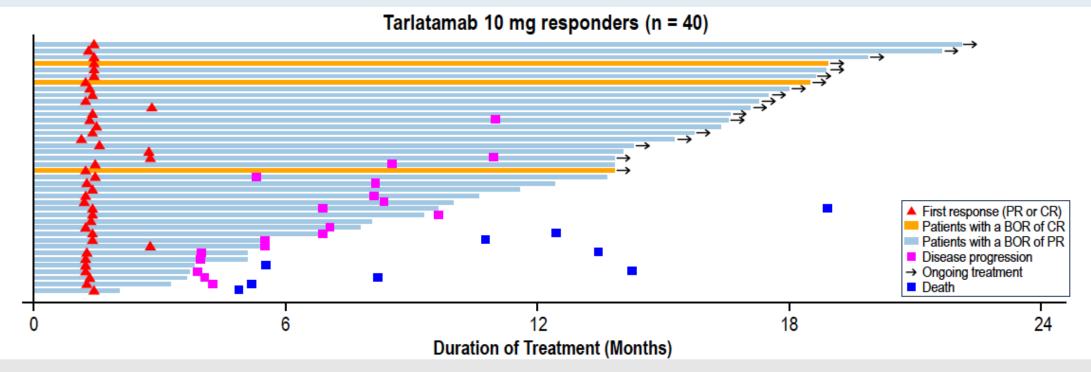
### Tarlatamab 10 mg demonstrated anti-cancer activity in heavily pretreated SCLC, with an ORR of 40%

Data cutoff, January 12, 2024. Median follow-up was 16.6 months. The efficacy analysis set consists of patients in Parts 1 and 2 (N = 100). One patient did not receive tarlatamab 10 mg but was included in the ITT analysis. Part 3 was a safety substudy and was not included in this response analysis. \*Patients who were not evaluable or did not have post-baseline scans were considered non-responders for the response analysis. Cl, confidence interval; ITT, intention-to-treat; ORR, objective response rate; SCLC, small cell lung cancer.



Sands J et al. WCLC 2024; Abstract OA10.03.

### **DeLLphi-301: Duration of Response and Time on Treatment**

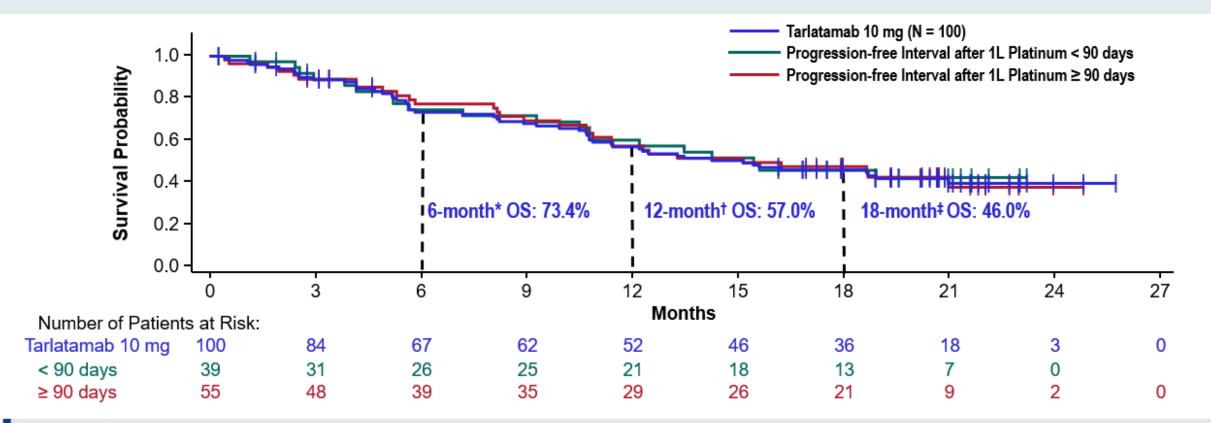


- Median time to response was 1.4 months (IQR, 1.3–1.4)
- Median DOR was 9.7 months (95% CI, 6.9–NE) with 17/40 (43%) of responses ongoing at data cutoff

Data cutoff was January 12, 2024. Median follow up for DOR was 15.1 months. The efficacy analysis set consists of patients in Parts 1 and 2 (N = 100). One patient did not receive tarlatamab 10 mg but was included in the ITT analysis. Part 3 was a safety sub-study and was not included in this response analysis. BOR, best overall response; CR, complete response; DOR, duration of response; ITT, intention-to-treat; IQR, interquartile range; NE, not estimable; PR, partial response.



### **DeLLphi-301: Overall Survival**



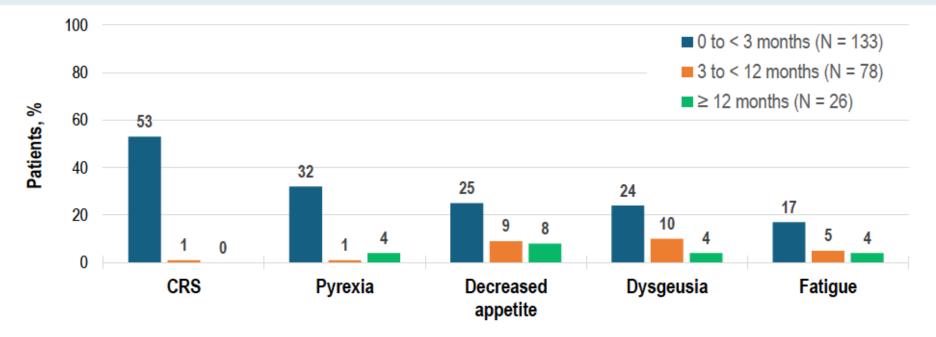
### OS was similar regardless of progression-free interval after 1L platinum treatment (< 90 d vs ≥ 90 d)

Median follow-up for OS was 20.7 months. Data cutoff, May 16, 2024. The efficacy analysis set consists of patients in Parts 1 and 2 (N = 100). One patient did not receive tarlatamab 10 mg but was included in ITT analysis. Part 3 was a safety substudy and was not included in this response analysis. \*95% CI, 63.2–81.2. \*95% CI, 46.3–66.3. \*95% CI, 35.6–55.8. Progression-free interval after first line platinum treatment is defined as days from the last first line platinum treatment to disease progression or start of second line treatment, whichever is earlier. **ITT**, intention-to-treat; **NE**, not estimable; **OS**, overall survival.



### Sands J et al. WCLC 2024; Abstract OA10.03.

### **DeLLphi-301: Most Common Tarlatamab-Related AEs over Time**



TRAEs led to dose interruption in 16% and discontinuation in 4% of patients

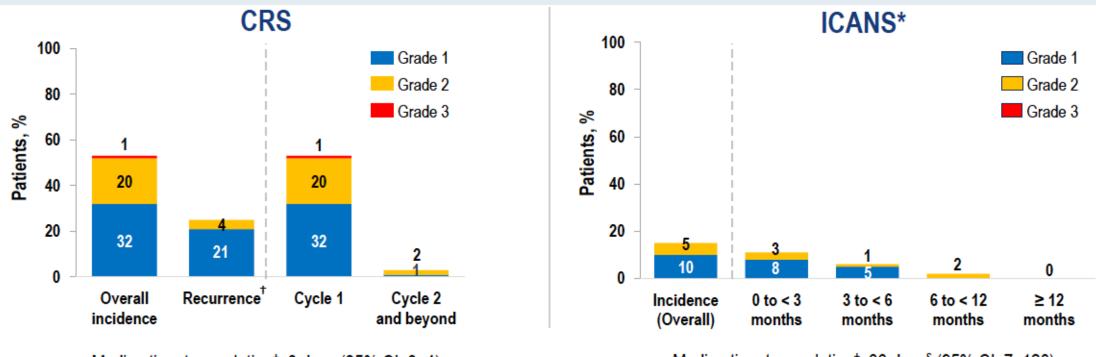
### Tarlatamab demonstrated long-term tolerability, with no new safety concerns

One patient did not receive tarlatamab 10 mg and was not included in the safety analyses. Most common TRAEs refer to TRAEs with overall incidence  $\geq$  17%. AEs were coded using MedDRA version 26.1. There was one fatal TRAE of respiratory failure, with contributing factors including baseline chronic obstructive pulmonary disease requiring supplemental oxygen, baseline compromised pulmonary functional reserve, concurrent grade 3 CRS and pneumonitis after cycle 1 day 1 treatment, and a decision against escalation to intensive care unit level of care. **AE**, adverse event; **CRS**, cytokine release syndrome; **MedDRA**, Medical Dictionary for Regulatory Activities; **TRAE**, tarlatamab-related AE.



### Sands J et al. WCLC 2024; Abstract OA10.03.

### **DeLLphi-301: CRS and ICANS Incidence and Timing**



Median time to resolution<sup>‡</sup>: 3 days (95% CI, 3–4)

Median time to resolution<sup>‡</sup>: 33 days<sup>§</sup> (95% CI, 7–120)

- CRS primarily occurred after the first or second dose in cycle 1, with most events of grade 1 or 2
   ICANS\* occurred infrequently, primarily with early onset (< 6 months) and all events of grade 1 or 2</li>
- \*ICANS includes associated neurologic events based on a broad search using 61 selected preferred terms from MedDRA version 26.0. <sup>†</sup>A CRS event is considered a recurrent event if it occurred at a subsequent dose after the first CRS event during cycle 1. <sup>‡</sup>Based on Kaplan-Meier estimates. TEAE data are reported. <sup>§</sup>Based on 22 events. CI, confidence interval; CRS, cytokine release syndrome; ICANS, immune effector cell–associated neurotoxicity syndrome; MedDRA, Medical Dictionary for Regulatory Activities.



# **Questions?**





Abstract OA04.03

# Ifinatamab deruxtecan (I-DXd) in extensive-stage small cell lung cancer (ES-SCLC): interim analysis of IDeate-Lung01

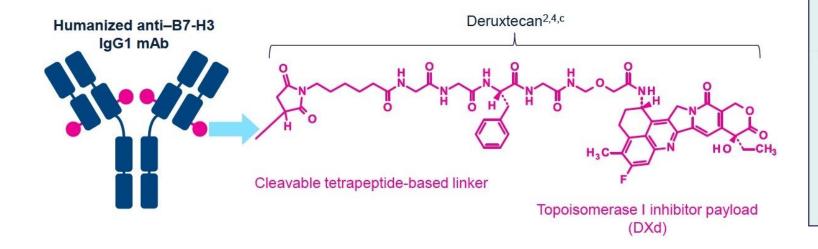
Charles M. Rudin,<sup>1</sup> Myung-Ju Ahn,<sup>2</sup> Melissa Johnson,<sup>3</sup> Christine L. Hann,<sup>4</sup> Nicolas Girard,<sup>5</sup> Makoto Nishio,<sup>6</sup> Ying Cheng,<sup>7</sup> Hidetoshi Hayashi,<sup>8</sup> Yu Jung Kim,<sup>9</sup> Alejandro Navarro,<sup>10</sup> Yuanbin Chen,<sup>11</sup> Tetsuya Sakai,<sup>12</sup> Meng Qian,<sup>13</sup> Juliette Godard,<sup>14</sup> Mei Tang,<sup>13</sup> Jasmeet Singh,<sup>13</sup> Luis Paz-Ares<sup>15</sup>



## Ifinatamab Deruxtecan (I-DXd): A B7-H3-Targeted ADC

### I-DXd is a B7-H3 (CD276)–directed ADC with 3 components<sup>1–4</sup>:

- A humanized anti–B7-H3 lgG1 mAb
- A tetrapeptide-based cleavable linker that covalently bonds antibody and payload
- A topoisomerase I inhibitor payload (an exatecan derivative, DXd)



The mAb directs the DXd ADC to the tumor cell.
1. Optimized drug-to-antibody ratio ≈4<sup>4,a,b</sup>
The linker binds the mAb to the payload.
2. Plasma-stable linker-payload<sup>4,a</sup>
3. Tumor-selective cleavable linker<sup>4,a</sup>
The payload induces cell death when delivered to the tumor.
4. Topoisomerase I inhibitor<sup>2,4,a</sup>
5. High potency<sup>4,a</sup>
6. Short systemic half-life<sup>4,a,b</sup>
7. Bystander antitumor effect<sup>2,5,a</sup>

<sup>a</sup>The clinical relevance of these features is under investigation. <sup>b</sup>Based on animal data. <sup>c</sup>Refers to the linker and payload.

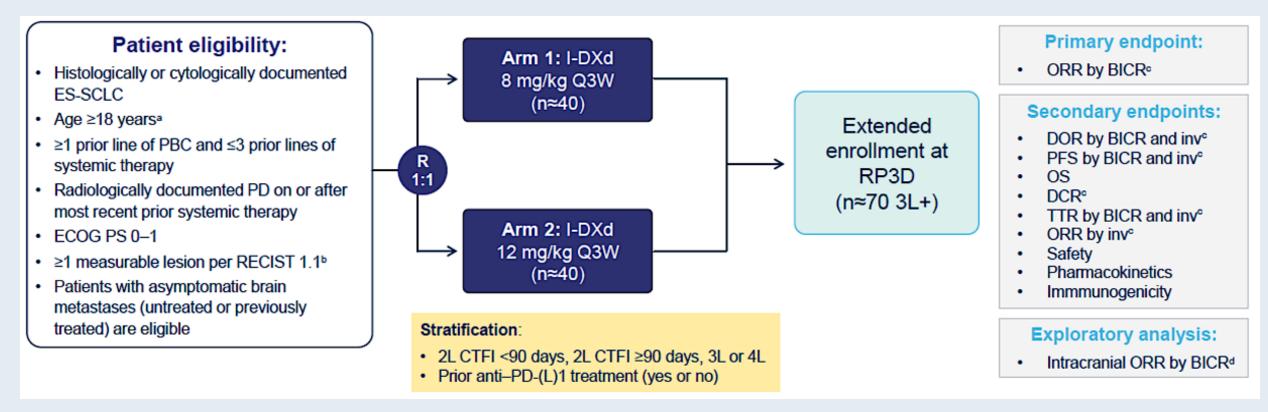
ADC, antibody-drug conjugate; B7-H3, B7 homolog 3; CD276, cluster of differentiation 276; IgG1, immunoglobulin G1; mAb, monoclonal antibody.

1. Okajima D, et al. Mol Cancer Ther. 2021;20:2329–2340. 2. Nakada T, et al. Chem Pharm Bull (Tokyo). 2019;67:173–185. 3. Ogitani Y, et al. Clin Cancer Res. 2016;22:5097–5108. 4. Yamato M, et al. Mol Cancer Ther. 2022;21:635–646.

5. Ogitani Y, et al. Cancer Sci. 2016;107:1039-1046.



### IDeate-Lung01: Phase II Study Design

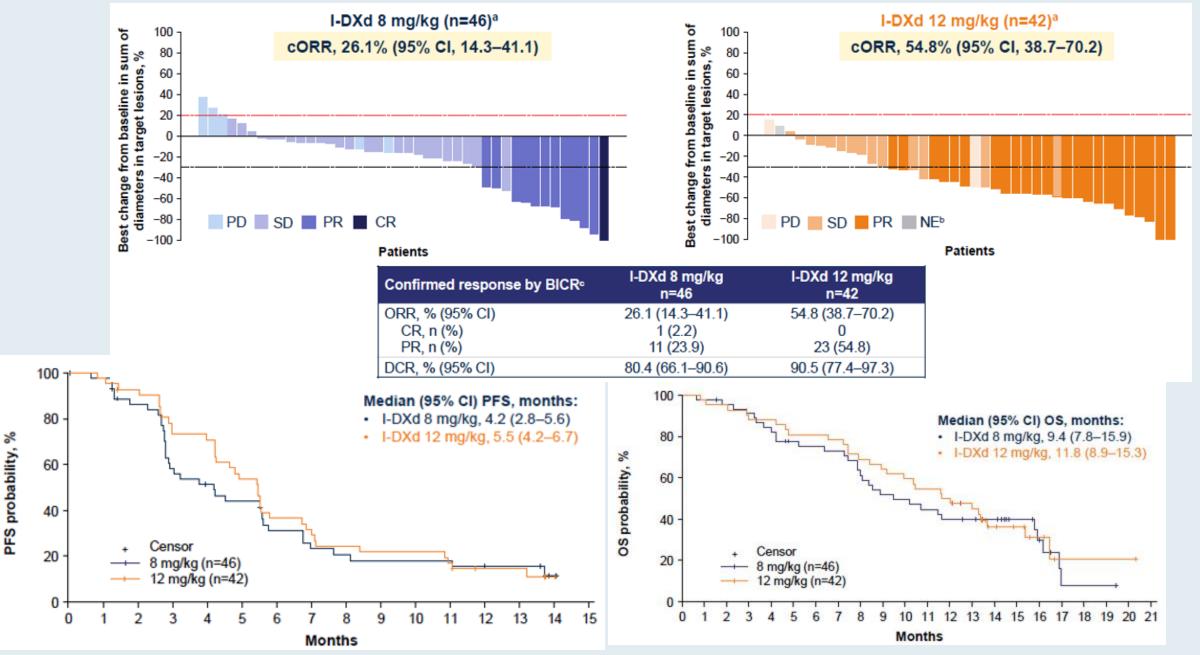


PBC = platinum-based chemotherapy; PD = progressive disease; CTFI = chemotherapy treatment-free interval; RP3D = recommended phase 3 dose; ORR = objective response rate; BICR = blinded independent central review; DOR = duration of response; DCR = disease control rate; TTR = time to response



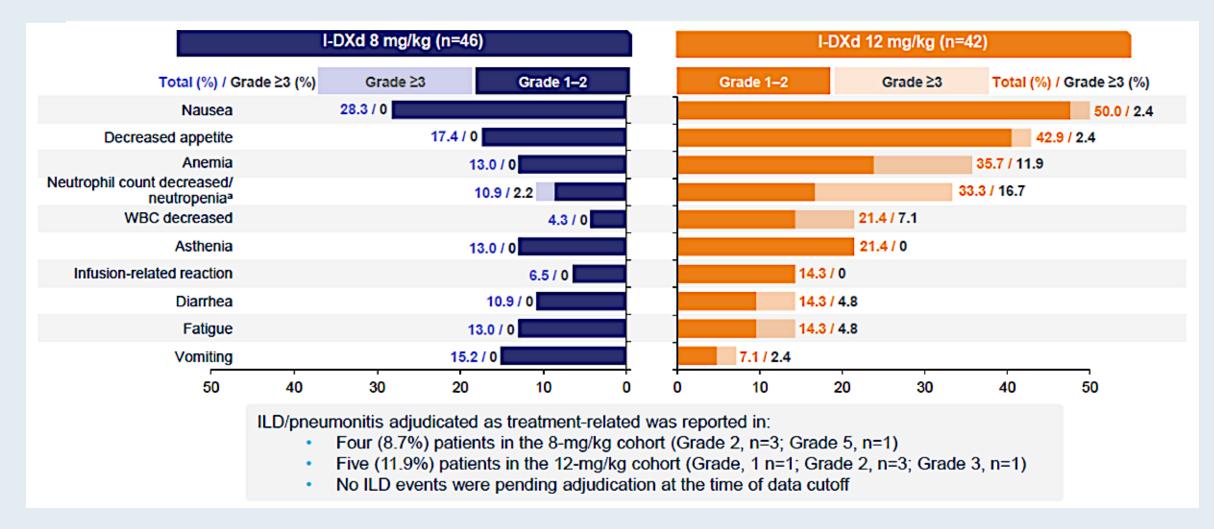
Rudin CM et al. WCLC 2024; Abstract OA04.03.

### IDeate-Lung01: I-DXd was associated with rapid responses at both doses



Rudin CM et al. WCLC 2024; Abstract OA04.03.

## IDeate-Lung01: Most Common Treatment-Related Treatment-Emergent Adverse Events





Rudin CM et al. WCLC 2024; Abstract OA04.03.

#### **IDeate-Lung01: Interim Analysis Summary**

- I-DXd demonstrated promising efficacy in patients with pretreated ES-SCLC; I-DXd 12 mg/kg had improved efficacy compared with the 8-mg/kg dose:
  - o ORR was 54.8% vs 26.1%
  - Median PFS was 5.5 months vs 4.2 months
  - Median OS was 11.8 months vs 9.4 months
- The observed safety profile was generally manageable and I-DXd was well tolerated, with a higher frequency of TEAEs in the 12-mg/kg cohort than in the 8-mg/kg cohort; the safety profile was consistent with previous reports<sup>1,2</sup>
  - The most common treatment-related TEAEs were gastrointestinal and hematologic (most commonly nausea, decreased appetite, anemia, and decreased neutrophil count or neutropenia)
  - Patients receiving I-DXd 12 mg/kg had a longer treatment duration than those receiving 8 mg/kg (4.7 vs 3.5 months)
  - The majority of cases of adjudicated drug-related ILD were Grade 1 or 2
- I-DXd showed intracranial and systemic activity in a small subset of patients with brain target lesions at baseline; a full
  analysis of the subgroup of patients with brain metastases at baseline will be presented at the ESMO Congress 2024
- I-DXd 12 mg/kg has been selected as the RP3D for further clinical development, including in an ongoing Phase 3 study in patients with relapsed SCLC following only 1 prior line of therapy (IDeate-Lung02; NCT06203210)

Data cutoff: April 25, 2024. The median follow-up for 8-mg/kg and 12-mg/kg cohorts was 14.6 months (range, 0.6–17.0) and 15.3 months (range, 0.8–20.3) respectively.

ESMO, European Society for Medical Oncology; ES-SCLC, extensive-stage small cell lung cancer; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; RP3D, recommended Phase 3 dose; SCLC, small cell lung cancer; TEAE, treatment-emergent adverse event.

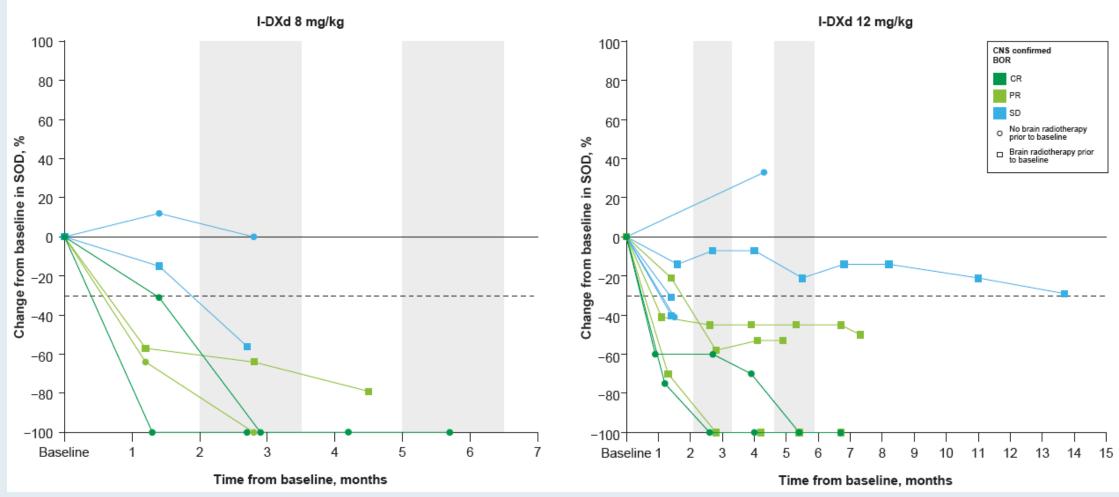
<sup>1.</sup> Johnson M, et al. Presented at the World Conference on Lung Cancer 2023. September 9–12, 2023. Singapore. Abstract 3258. 2. Patel MR, et al. Presented at the European Society for Medical Oncology Congress 2023. October 20–24, 2023. Madrid, Spain. Abstract 690P.

Intracranial Response in Patients (pts) with Baseline (BL) Brain Metastases (BM) and Extensive-Stage (ES) Small Cell Lung Cancer (SCLC) Treated with Ifinatamab Deruxtecan (I-DXd) in the IDeate-Lung01 Study

Johnson ML et al. ESMO 2024;Abstract 1787P.



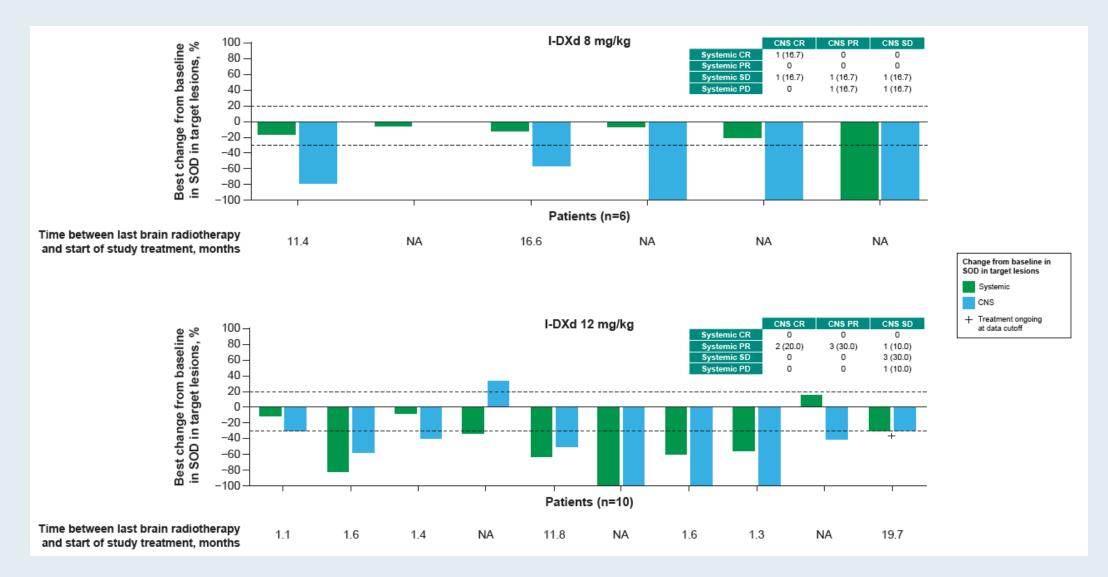
#### IDeate-Lung01: Change in CNS Target-Lesion Volume in Patients Who Received I-DXd at 2 Different Doses



SOD = sum of diameters



### IDeate-Lung01: Systemic and Intracranial Change from Baseline in SOD in Target Lesions in Patients Who Received I-DXd at 2 Different Doses



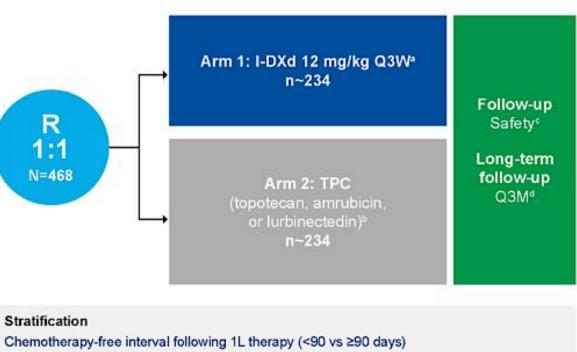


Johnson ML et al. ESMO 2024; Abstract 1787P.

## **IDeate-Lung02 Ongoing Phase III Trial Design**

Key inclusion criteria	Key exclusion criteria
Histologically or cytologically documented SCLC	Prior treatment with orlotamab, enoblituzumab, or other B7-H3–targeted agents, including I-DXd
Age ≥18 years or minimal legal adult age (whichever is greater)	Prior discontinuation of an ADC that consists of an exatecan derivative (eg, trastuzumab deruxtecan) due to treatment-related toxicities
Received only 1 prior line of platinum- based therapy	Prior treatment with any of the comparators or a topoisomerase I inhibitor
≥1 measurable lesion per RECIST 1.1	Clinically active brain metastasis, spinal cord compression, or leptomeningeal carcinomatosis
Radiologically documented PD on or after platinum-based therapy	Clinically severe pulmonary compromise resulting from intercurrent pulmonary illnesses
ECOG PS 0-1	History of ILD/pneumonitis that required corticosteroids; current or suspected ILD/pneumonitis
Must provide adequate baseline tumor samples of sufficient quantity and quality	Uncontrolled or significant cardiovascular disease
Patients with asymptomatic brain metastases (untreated or previously treated) are eligible	Known, uncontrolled HIV infection; active or uncontrolled HBV or HCV infection; uncontrolled systemic bacterial, fungal, or viral infection; or active, known, or suspected autoimmune disease

ILD = interstitial lung disease; TPC = treatment of physician's choice

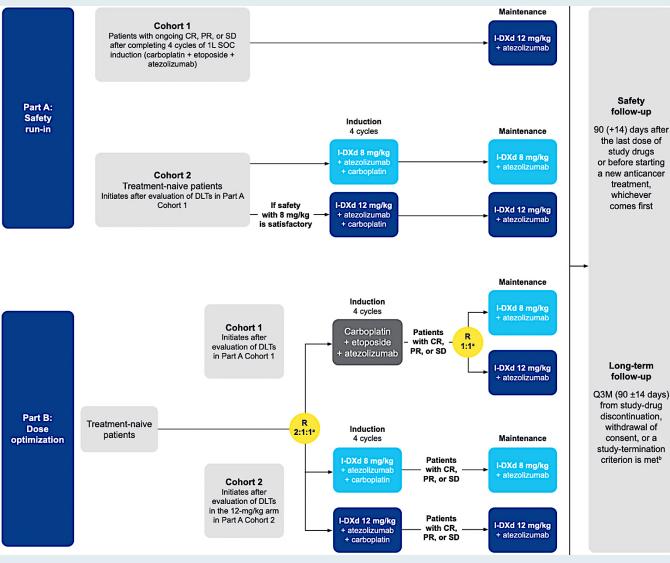


TPC (topotecan vs amrubicin vs lurbinectedin) Treatment with prior PD-(L)1 inhibitors (yes vs no) Presence or history of asymptomatic brain metastases (yes vs no)



Owonikoko TK et al. ASCO 2024; Abstract TPS8126. www.clinicaltrials.gov. NCT06203210. Accessed September 2024.

## IDeate-Lung03: A Phase Ib/II Study of Ifinatamab Deruxtecan (I-DXd) and Atezolizumab with or without Carboplatin as First-Line Induction or Maintenance for Patients with Extensive-Stage Small Cell Lung Cancer



Primary endpoint: Safety (DLTs [Part A] and TEAEs [Parts A and B])
Key secondary endpoints: PFS, ORR, DCR, DOR, CBR, OS and others

#### General key inclusion criteria:

- Histologically or cytologically confirmed diagnosis of ES-SCLC requiring first-line therapy
- Age ≥18 years or minimal legal adult age (whichever is greater)
- ECOG performance status 0–1
- Patients with asymptomatic brain metastases (untreated or previously treated) are eligible



Rudin C et al. ESMO 2024; Abstract 1813TiP.

DLTs = dose-limiting toxicites; ORR = objective response rate; CBR = clinical benefit rate

# **Questions?**





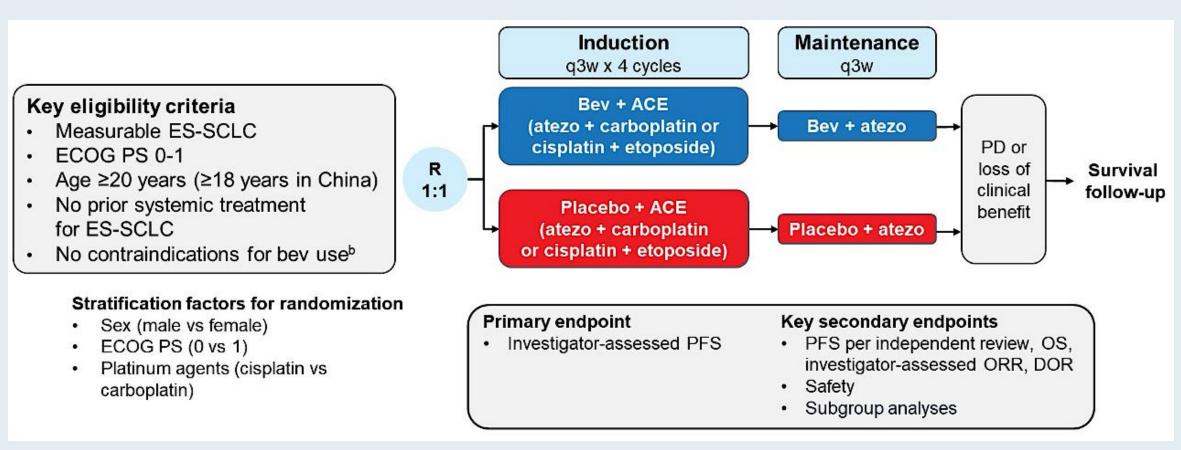
Abstract 8001

## BEAT-SC: A randomized phase III study of <u>be</u>vacizumab or placebo in combination with <u>at</u>ezolizumab and platinum-based chemotherapy in patients with extensive-stage <u>s</u>mall <u>c</u>ell lung cancer

Yuichiro Ohe,<sup>1</sup> Baohui Han,<sup>2</sup> Makoto Nishio,<sup>3</sup> Satoshi Watanabe,<sup>4</sup> Xiubao Ren,<sup>5</sup> Shuji Murakami,<sup>6</sup> Nong Yang,<sup>7</sup> Isamu Okamoto,<sup>8</sup> Gaofeng Li,<sup>9</sup> Nobuyuki Katakami,<sup>10</sup> Xianling Liu,<sup>11</sup> Naoyuki Nogami,<sup>12</sup> Yuki Nakagawa,<sup>13</sup> Morihiko Hayashi,<sup>14</sup> Toshihiro Nanki,<sup>15</sup> Chunyu Qian,<sup>16</sup> Nobuyuki Yamamoto<sup>17</sup>



## **BEAT-SC Phase III Study Design**

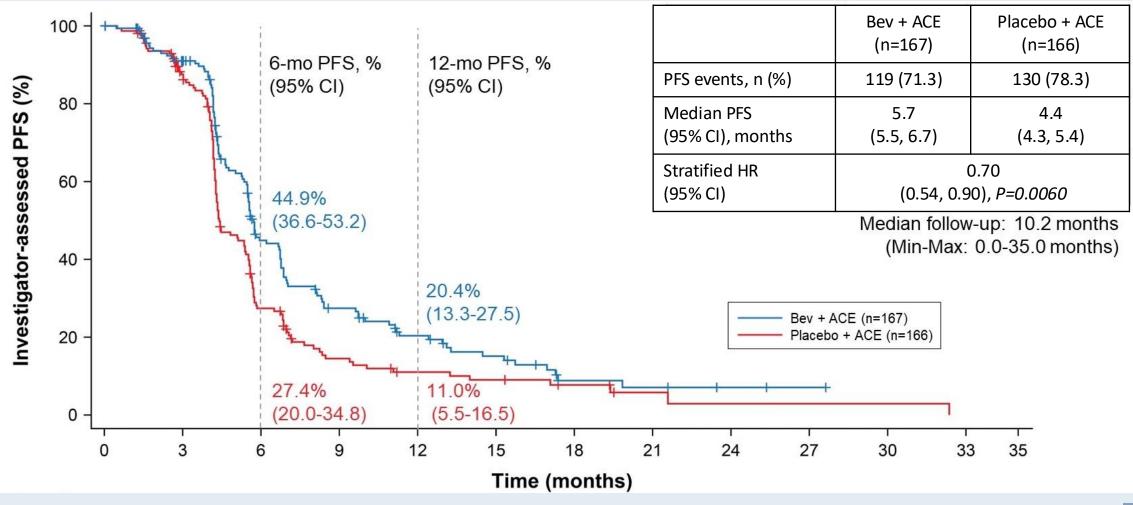


ORR = objective response rate



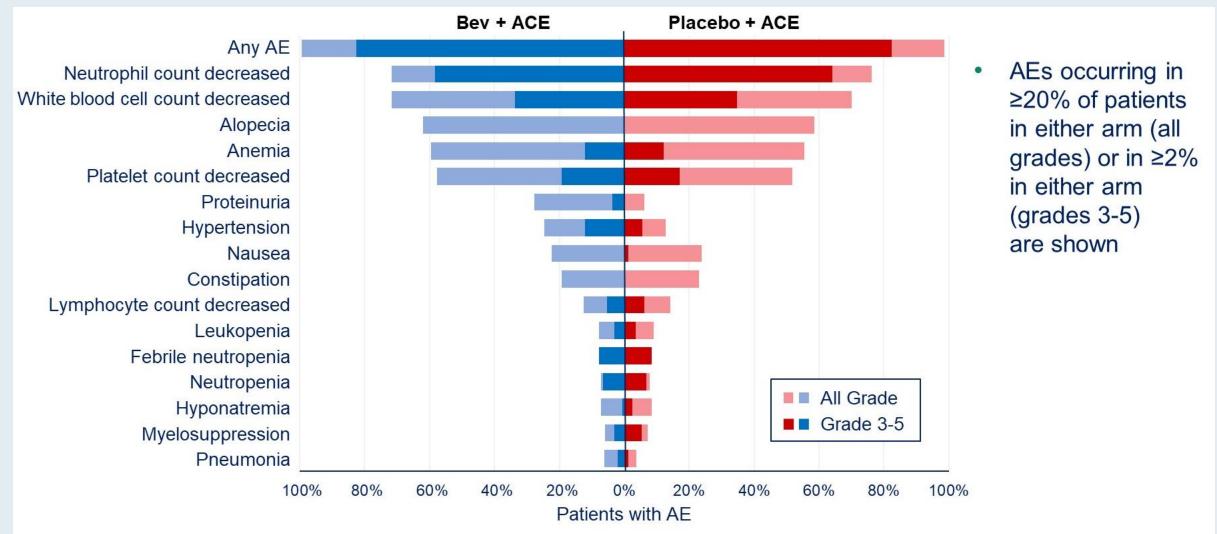
Ohe Y et al. ASCO 2024; Abstract 8001.

## Phase III BEAT-SC: Investigator-Assessed PFS (Primary Endpoint)





## **Phase III BEAT-SC: Safety**





Ohe Y et al. ASCO 2024; Abstract 8001.

## Agenda

**Introduction:** A 66-Year-Old Man with a Lung Nodule on Lung Cancer Screening

Module 1: Current and Future Management of Small Cell Lung Cancer (SCLC)

Module 2: Other Relevant SCLC Abstracts from WCLC 2024



## **Other Key SCLC Abstracts from WCLC 2024**

- Midde N et al. Exposure-response analyses to support ph3 dose selection for I-DXd (ifinatamab deruxtecan) in extensive stage SCLC patients. WCLC 2024; Abstract PT01.13.05.
- Dowlati A et al. Sacituzumab govitecan as second-line treatment in patients with extensive stage small cell lung cancer. WCLC 2024; Abstract OA04.04.
- Wang J et al. Efficacy and safety of HS-20093 in extensive stage small cell lung cancer in a multicenter, phase 1 study (ARTEMIS-001). WCLC 2024; Abstract OA04.06.
- Lau S et al. Tarlatamab with a PD-L1 inhibitor as first-line maintenance after chemo-immunotherapy for ES-SLCLC: DeLLphi-303 phase 1b study. WCLC 2024;Abstract OA10.04.



## **Other Key SCLC Abstracts from WCLC 2024**

- Dowlati A et al. DeLLphi-306 trial: A phase 3 study of tarlatamab after concurrent chemoradiotherapy in limited-stage small cell lung cancer. WCLC 2024;Abstract PT01.13.02.
- Perol M et al. Tarlatamab plus durvalumab as first-line maintenance in extensivestage small cell lung cancer: DeLLphi-305 phase 3 trial. WCLC 2024; Abstract PT01.13.02.
- Senan S et al. Patient-reported outcomes (PROs) with consolidation durvalumab versus placebo following cCRT in limited-stage SCLC: ADRIATIC. WCLC 2024;Abstract MA17.04.
- Qui M et al. **DLL3-targeted CAR-T therapy of small cell lung cancer utilizing circular RNA.** WCLC 2024; Abstract MA17.13.



Improving Outcomes with First-Line Endocrine-Based Therapy for Patients with HR-Positive, HER2-Negative Metastatic Breast Cancer

A CME/MOC-Accredited Live Webinar

Tuesday, October 8, 2024 5:00 PM – 6:00 PM ET

Faculty Francois-Clement Bidard, MD, PhD Kevin Kalinsky, MD, MS

> Moderator Neil Love, MD



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