Best of 19th IASLC World Conference on Lung Cancer (WCLC) 2018



IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

ΑΝΟΣΟΘΕΡΑΠΕΙΑ, ΣΥΝΔΥΑΣΜΟΙ ΑΝΟΣΟΘΕΡΑΠΕΙΑΣ ΚΑΙ ΣΥΝΔΥΑΣΜΟΙ ΜΕ ΧΗΜΕΙΟΘΕΡΑΠΕΙΑ

Novel Approaches with IO

Δημήτριος Βαλούκας Παθολόγος-Ογκολόγος, Επιμελητής Α' Παθ.Ογκολογική Κλινική Α.Π.Θ. ΓΝ «Παπαγεωργίου»



AIOPTANOEH

Εταιρεία Μελέτης Πνευμονοπαθειών 6 Επαγγελματικών Παθήσεων Θώρακος νείκει ίσοιη ο Γερμαίο Αδαμάτικο Οτο Doumo

17-18 Μαΐου 2019 Mediterranean Palace Hotel Θεσσαλονίκη

Mic representation and conception of the

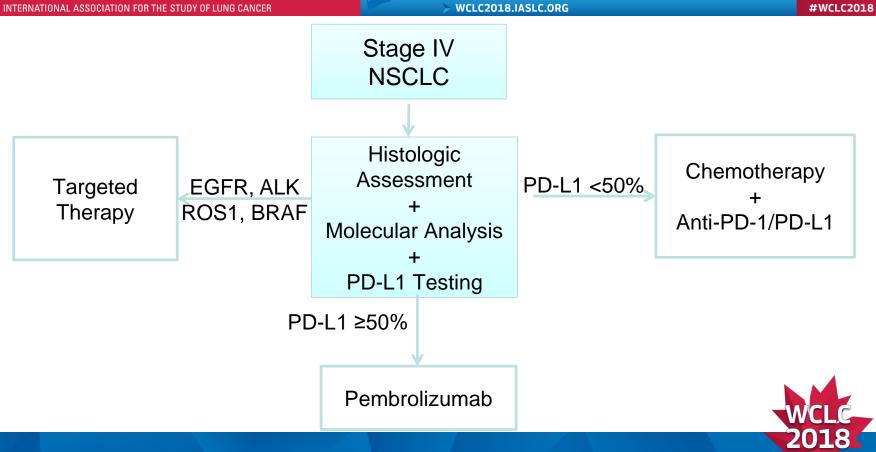
Ογκολογικής Μονάδας Γ΄ Πανεπιστημιακής Παθολογικής Κλινικής ΕΚΠΑ, ΓΝΝΘΑ "Η Σωτηρία" AKE ACTION

IASLC--+-



IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada



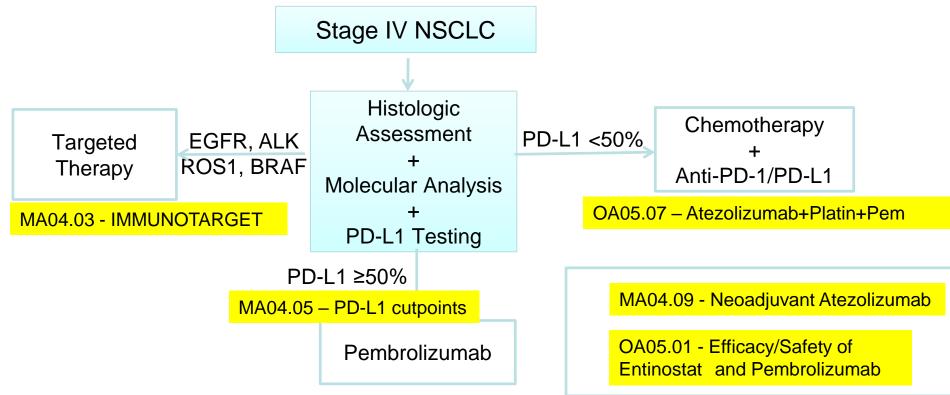


*

IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG





#WCLC2018

IASLC----

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER



IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Immunotherapy for NSCLC with Oncogenic Driver Mutations: New Results from the Global IMMUNOTARGET Registry

Oliver Gautschi1, Alexander Drilon2, Julie Milia3, Amelie Lusque3, Laurent Mhanna3, Bob Li2, Joshua K. Sabari4, Alexis B. Cortot5, Benjamin Besse6, Laura Mezquita6, Ben J. Solomon7, Alesha A. Thai8, Sebastien Couraud9, Remi Veillon10, Céline Mascaux11, Fabrice Barlesi12, Michael Van Den Heuvel13, Robert D. Schouten14, Heather A. Wakelee15, Angela Mah15, D. Ross Camidge16, Terry L. Ng17, Nir Peled18, Yosef Lilach19, Sanjay Popat20, Sai-Hong I. Ou21, Viola Zhu22, Vamsidhar Velcheti23, Alessandra Curioni Fontecedro24, Dilara Akhoundova24, Martin Früh25, Gerard Zalcman26, Valerie Gounant26, Silvia Novello27, Paolo Bironzo27, Enriqueta Felip28, Alex Martinez-Marti29, Denis Moro-Sibilot30, Rafael Rosell31, Niki Karachaliou32, Martin Schuler33, Martin Wiesweg33, Joachim Diebold34, Julien Mazieres3; /Switzerland



- World-wide retrospective registry of anti-PD-1/PD-L1 therapy by patient genotype
- Most data is from 2nd/3rd line therapy with single-agent





IASLC 19th World Conference on Lung Cancer

SD

September 23–26, 2018 Toronto, Canada

> WCLC2018.IASLC.ORG

#WCLC2018

DD/CD

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER

IASLC-----

Molecular subtypes sorted by best response (RECIST1.1)

BRAF other (n=17)											
MET exon14 (n=21)											
KRAS (n=246)											
EGFR other (n=34)											
EGFR exon21 (n=24)											
BRAF V600E (n=13)											
MET other (n=8)											
HER2 (n=27)											
ALK/ROS1/RET (n=41)											
EGFR T790M (n=27)											
EGFR exon19 (n=21)											
	0	10	20	30	40	50	60	70	80	90	100
	0	10	20	00		cent of pa		10	00	00	100
						p.	_	_			
				PR	CR		SD			PD	

		PD	50	FR/ CR
BRAF other (n=17)	6 (35.3%)	4 (23.5%)	7 (41.2%)
MET exon14 (n=21)	10 (47.6%)	8 (38.1%)	3 (14.3%)
KRAS (n=246)	125 (50.8%)	57 (23.2%)	64 (26.0%)
EGFR other (n=34)	19 (55.9%)	11 (32.4%)	4 (11.8%)
EGFR exon21 (n=24)	14 (58.3%)	5 (20.8%)	5 (20.8%)
BRAF V600E (n=13)	8 (61.5%)	3 (23.1%)	2 (15.4%)
MET other (n=8)	5 (62.5%)	3 (37.5%)	0 (0.0%)
HER2 (n=27)	18 (66.7%)	7 (25.9%)	2 (7.4%)
ALK/ROS1/RET (n=41)	30 (73.2%)	9 (22.0%)	2 (4.9%)
EGFR T790M (n=27)	21 (77.8%)	5 (18.5%)	1 (3.7%)
EGFR exon19 (n=21)	18 (85.7%)	1 (4.8%)	2 (9.5%)

PD





IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

> WCLC2018.IASLC.ORG

#WCLC2018

IMMUNOTARGET key messages

- ICI response rate and disease control rate were higher in BRAF^{non600}/KRAS subgroups compared with ALK/ROS1/RET and EGFR^{del19}
- PD-L1 status may have some predictive value in mutant EGFR. Better predictive molecular markers are needed



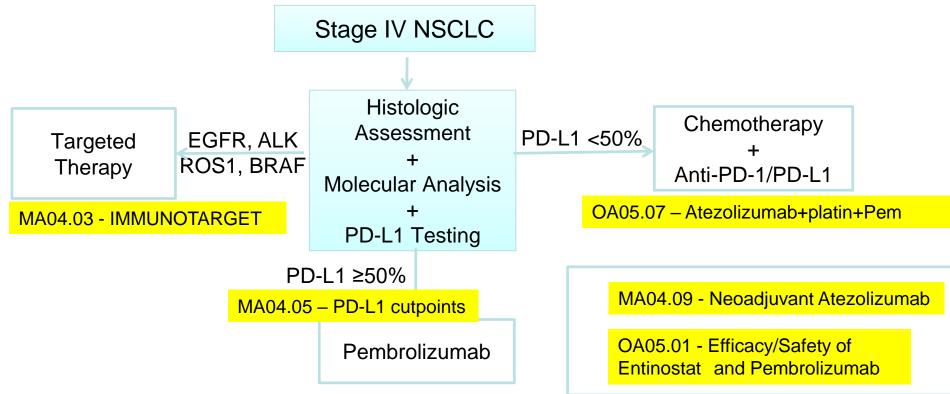


*

IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG





#WCLC2018



IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Outcomes in NSCLC Patients Treated with First-Line Pembrolizumab and a PD-L1 TPS of 50-74% vs 75-100% or 50-89% vs 90-100%

Elizabeth Jimenez Aguilar¹, Biagio Ricciuti¹, Justin F. Gainor², Mizuki Nishino¹, Sasha Kravets¹, Suzanne Dahlberg¹, Sara Khosrowjerdi², Christine A. Lydon¹, Anika Adeni¹, Safiya Subegdjo¹, Hira Rizvi³, Matthew D. Hellmann³, <u>Mark M. Awad¹</u>

- Retrospective review of 150 patients treated with 1st line pembrolizumab
- In the first-line setting, are there better (higher) PD-L1 TPS cutoffs?





IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

48.2%

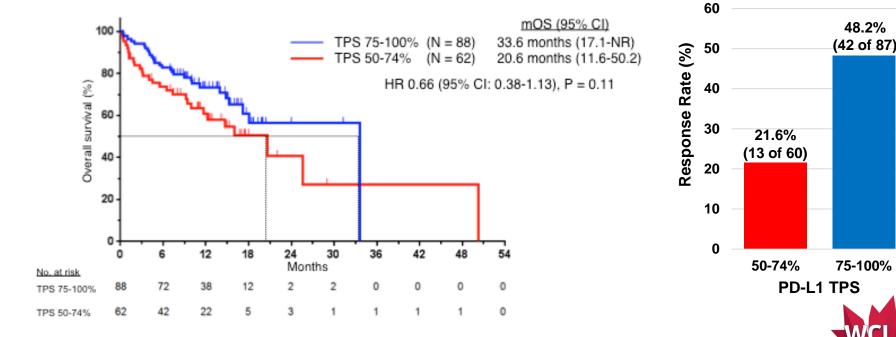
20

P = 0.001

OS: TPS 50-74% vs. TPS 75-100%

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER

IASLC--++(





IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

55.0%

(33 of 60)

OS: TPS 50-89% vs. TPS 90-100% P = 0.000560 mOS (95% CI) 33.6 months (NR-NR) TPS 90-100% (N = 61) 100 TPS 50-89% (N = 89) 15.2 months (11.6-25.6) Rate (%) 50 80 HR 0.41 (95% CI: 0.24-0.70), P = 0.003 Overall survival (%) 40 60 Response 25.2% 30 (22 of 87) 40 20 20 10 0 12 18 24 30 n 36 42 48 54 Months 0 No. at risk 50-89% 61 53 29 10 2 Ô TPS 90-100% 61 31 7 0 89 3 TPS 50-89%



90-100%

IASLC-----

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER





IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Key points from looking at higher PD-L1 cutpoints

- Cutoffs of PD-L1 higher than 50% can predict greater RR, PFS, and OS in the first line setting with pembrolizumab treatment.
- The ideal PD-L1 TPS cutoff for using pembrolizumab monotherapy over pembrolizumab + platinum doublet chemotherapy remains unclear



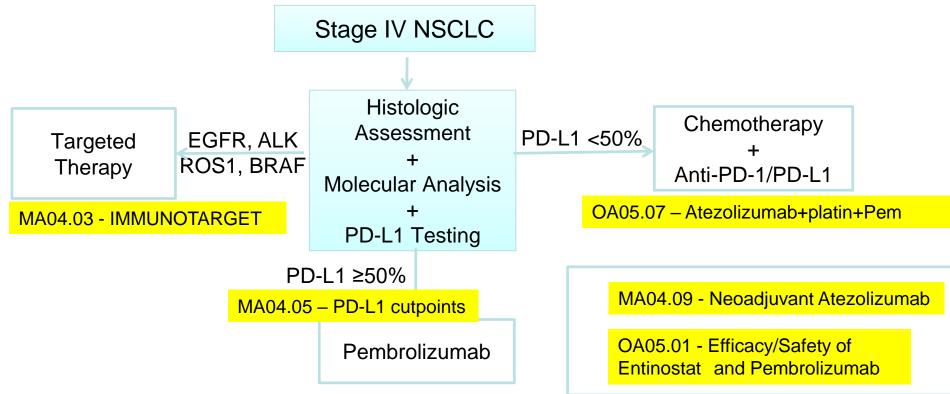


*

IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

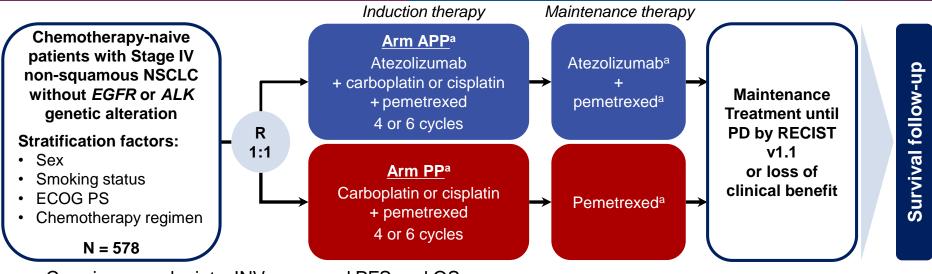
WCLC2018.IASLC.ORG





#WCLC2018

IMpower132 Study Design



- Co-primary endpoints: INV-assessed PFS and OS
- Secondary endpoints: INV-assessed ORR and DOR, PRO and safety measures
- Exploratory analyses: clinical and biomarker subgroup analyses
 - Biomarker-evaluable tissue not mandatory for enrolment (was available from 60% of patients)

PRO, patient-reported outcomes. ^a Atezolizumab: 1200 mg IV q3w; Carboplatin: AUC 6 mg/mL/min IV q3w; Cisplatin: 75 mg/m² IV q3w; Pemetrexed: 500 mg/m² IV q3w. NCT02657434. Data cutoff: May 22, 2018

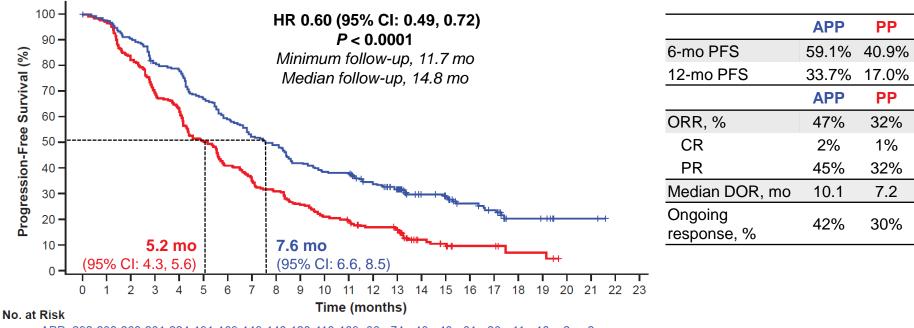
Baseline Characteristics

Characteristic	APP (n = 292)	PP (n = 286)	Characteristic	APP (n = 292)	PP (n = 286)	
Median age (range), years	64.0 (31-85)	63.0 (33-83)	Smoking status, n (%)			
< 65 years, n (%)	153 (52.4%)	167 (58.4%)	Current or former	255 (87.3%)	256 (89.5%)	
Sex, male, n (%)	192 (65.8%)	192 (67.1%)	Never	37 (12.7%)	30 (10.5%)	
Race, n (%)ª			Liver metastases, n (%)	37 (12.7%)	36 (12.6%)	
White	193 (66.1%)	203 (71.0%)	PD-L1 expression, n (%) ^c	n = 176	n = 168	
Asian	71 (24.3%)	65 (22.7%)	Negative	88 (50.0%)	75 (44.6%)	
ECOG PS 0, n (%) ^b	126 (43.2%)	114 (40.1%)	Positive	88 (50.0%)	93 (55.4%)	
Carboplatin, n (%)	177 (60.6%)	175 (61.1%)	PD-L1–low	63 (35.8%)	73 (43.5%)	
Intended 4 cycles, n (%)	197 (67.5%)	190 (66.4%)	PD-L1-high	25 (14.2%)	20 (11.9%)	

APP, atezolizumab + carboplatin/cisplatin + pemetrexed; PP, carboplatin/cisplatin + pemetrexed.

^a American Indian or Alaska Native race (n = 2), Black or African American (n = 6) and Unknown race (n = 38) not included in table. ^b 2 patients had missing baseline ECOG PS. ^c PD-L1 status available in 60% of patients. PD-L1–high (TC3/IC3): patients with PD-L1 expression in \geq 50% of tumor cells or \geq 10% of tumor-infiltrating immune cells; PD-L1–low (TC12/IC12): patients with PD-L1 expression in \geq 1% and <50% of tumor cells or \geq 1% and <10% of tumor-infiltrating immune cells; and PD-L1–negative (TC0/IC0): patients with PD-L1 expression in <1% of tumor cells and <1% of tumor-infiltrating immune cells.

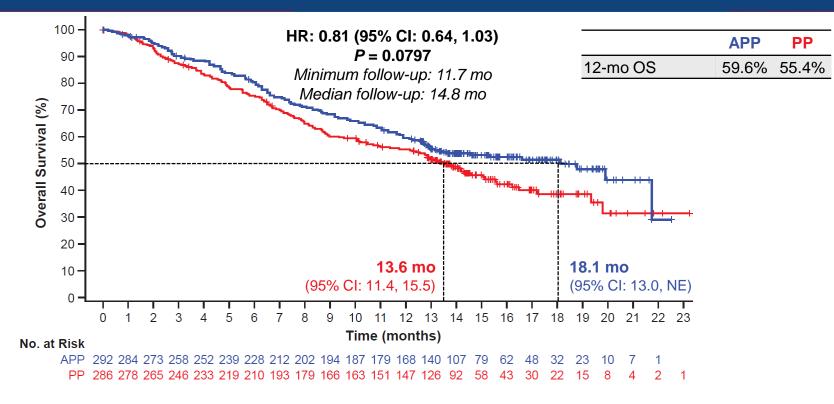
Final Investigator-Assessed PFS, ORR and DOR



APP 292 280 260 231 224 191 169 149 140 120 110 109 88 48 2 2 74 43 31 10 PP 286 273 236 195 178 142 115 98 87 72 59 53 44 39 15 11 6

APP, atezolizumab + carboplatin/cisplatin + pemetrexed; CR, complete response; DOR, duration of response; HR, hazard ratio; IRF, independent review facility; ORR, objective response rate: PP, carboplatin/cisplatin + pemetrexed: PR, partial response. IRF-assessed median PFS was 7.2 mo with APP and 6.6 mo with PP (stratified HR: 0.758 [95% CI: 0.623, 0.923] P = 0.055) Data cutoff: May 22, 2018.

Interim OS Analysis



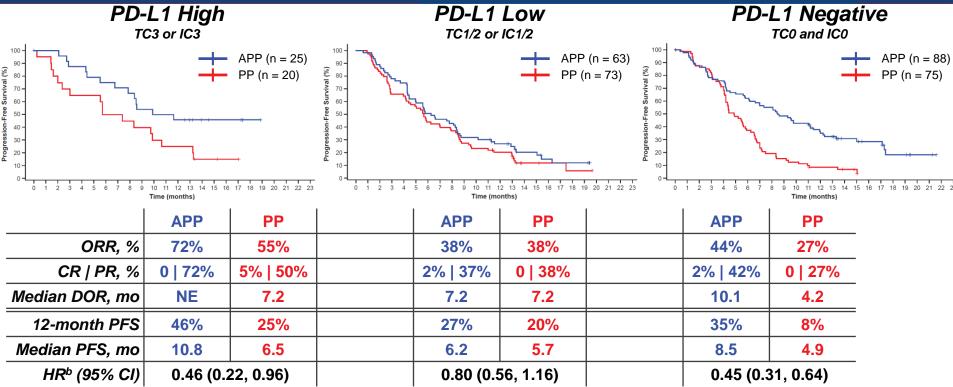
APP, atezolizumab + carboplatin/cisplatin + pemetrexed; PP, carboplatin/cisplatin + pemetrexed. Data cutoff: May 22, 2018. Frequency of OS events: 44% and 49% in arms APP and PP respectively.

PFS in Key Patient Subgroups

Subgroup	<u>n (%)</u>		HR (95% CI) ^a	Median	PFS, mo
<u> </u>				APP	PP
Female	194 (34)	►	0.51 (0.36–0.71)	8.3	5.3
Male	384 (66)	► • · · · · · · · · · · · · · · · · ·	0.64 (0.51–0.79)	7.5	4.9
< 65 y	320 (55)	⊢ ♦ −I	0.63 (0.49–0.80)	6.9	4.4
≥ 65 y	258 (45)	▶	0.55 (0.42–0.73)	8.4	5.6
White ^b	396 (69)	· · · • · · · ·	0.67 (0.54–0.84)	6.9	4.9
Asian	136 (24)	► – – – – – – – – – – – – – – – – – – –	0.42 (0.28–0.63)	10.2	5.3
ECOG PS 0 ^b	240 (42)	► <u></u>	0.56 (0.42–0.76)	8.6	5.8
ECOG PS 1	336 (58)	→	0.63 (0.49–0.79)	6.8	4.4
Received carboplatin	352 (61)		0.54 (0.43–0.69)	8.1	5.5
Received cisplatin	226 (39)		0.65 (0.48–0.88)	7.1	4.4
Intended 4 cycles	387 (67)		0.54 (0.43–0.67)	7.8	4.5
Intended 6 cycles	191 (33)		0.71 (0.51–0.98)	7.6	5.6
Current or former smoker	511 (88)		0.61 (0.50–0.74)	7.5	5.1
Never smoker	67 (12)		0.49 (0.28–0.87)	8.6	5.5
Liver metastases	73 (13)		0.77 (0.47–1.25)	4.4	4.0
No liver metastases	505 (87)		0.56 (0.46–0.69)	8.4	5.5
		└──◆── 1			
ITT population	578 (100)	0.2 1.0	0.60 (0.49–0.72)	7.6	5.2
APP, atezolizumab + carboplatin/cispla		rboplatin/cisplatin + pemetrexed.	-		
 ^a Stratified HR for ITT; unstratified for a (n = 46) and unknown baseline ECOG 		ents with other/unknown race			

Presented by: Dr Vassiliki A. Papadimitrakopoulou

Exploratory Analysis: PFS by PD-L1 Status in Biomarker-Evaluable Patients^a



APP, atezolizumab + carboplatin/cisplatin + pemetrexed; PP, carboplatin/cisplatin + pemetrexed.

^a Overall HR 0.57 (0.45, 0.73) in biomarker-evaluable patients (60% of ITT). ^b Unstratified HR. Data cutoff: May 22, 2018.

Presented by: Dr Vassiliki A. Papadimitrakopoulou

Safety Summary

	APP	PP	APP		PP		
	(n = 291)	(n = 274)		(n = 291)		(n = 274)	
All-cause AEs, n (%)	286 (98%)	266 (97%)	AEs of Special Interest, n (%)	All Grade	Grade 3-4	All Grade	Grade 3-4
Grade 3-4	181 (62%)	147 (54%)	Rash	71 (24%)	9 (3%)	58 (21%)	5 (2%)
Grade 5	21 (7%)	14 (5%)	Hypothyroidism	23 (8%)	1 (<1%)	6 (2%)	0
TRAEs, n (%)	267 (92%)	239 (87%)	Pneumonitis	16 (6%)	6 (2%) ^a	6 (2%)	3 (1%) ^a
Grade 3-4	156 (54%)	107 (39%)	Hepatitis (Diagnosis)	13 (5%)	7 (2%) ^a	2 (1%)	0
Grade 5	11 (4%)	7 (3%)	Infusion-Related Reactions	8 (3%)	1 (<1%)	2 (1%)	1 (<1%)
SAEs, n (%)	134 (46%)	84 (31%)	Hyperthyroidism	6 (2%)	1 (<1%)	3 (1%)	0
Tx-related SAEs	96 (33%)	43 (16%)	Severe Cutaneous Adverse Reaction	4 (1%)	2 (1%)	2 (1%)	0
AEs leading to withdr	awal, n (%)		Pancreatitis	4 (1%)	1 (<1%)	2 (1%)	2 (1%)
Of any treatment	69 (24%)	48 (18%)	Colitis	5 (2%)	2 (1%)	0	0
Of atezolizumab	44 (15%)	0					
AESI, n (%)	141 (49%)	104 (38%)					

• PRO data also support the positive benefit-risk profile demonstrated by these clinical data

APP, atezolizumab + carboplatin/cisplatin + pemetrexed; AE, adverse event; AESI, adverse event of special interest; PP, carboplatin/cisplatin + pemetrexed; SAE, serious adverse event; TRAE, treatment-related adverse event.^a Grade 5 event observed. Data cutoff: May 22, 2018.

Presented by: Dr Vassiliki A. Papadimitrakopoulou

Conclusions

- IMpower132 met its co-primary endpoint of investigator-assessed PFS in the ITT population
- The addition of atezolizumab to carboplatin/cisplatin + pemetrexed improved median PFS in the ITT population (7.6 mo vs 5.2 mo, HR 0.60) and across key clinical subgroups
- Atezolizumab + pemetrexed + carboplatin or cisplatin has a manageable safety profile consistent with known safety risks of the individual therapies; no new safety signals were identified
- OS data showed a numerical improvement of 4.5 months at this interim analysis; final analysis is anticipated in 1H 2019

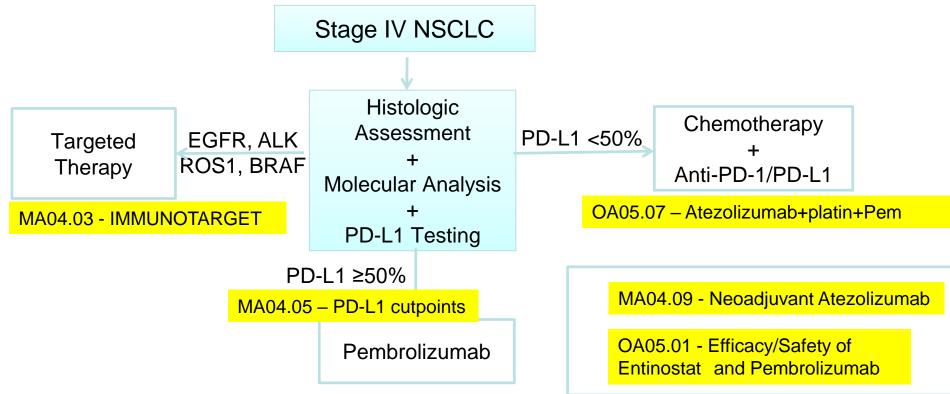


*

IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

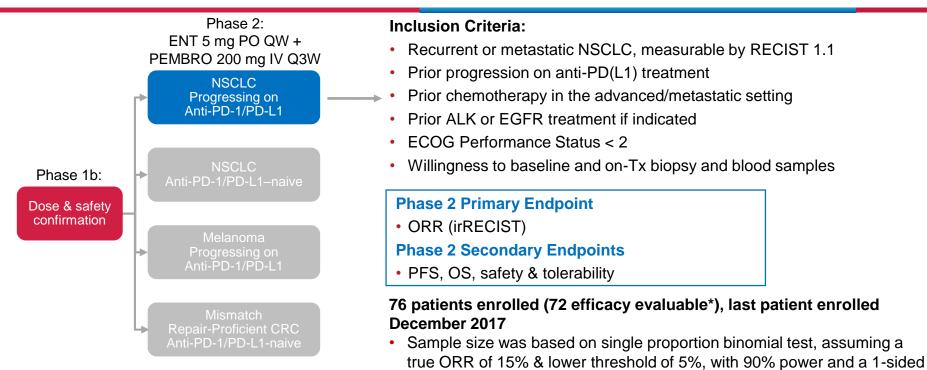
WCLC2018.IASLC.ORG





#WCLC2018

ENCORE-601: Open-label study evaluating ENT + PEMBRO in patients with recurrent or metastatic NSCLC and prior progression on anti-PD-1/PD-L1 therapy



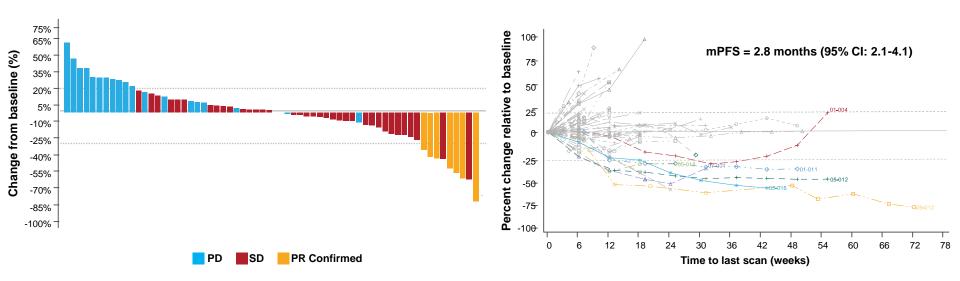
*4 patients were non-evaluable due to withdrawal of consent or discontinuations for administrative reasons prior to the first tumor assessment.

ALK, anaplastic lymphoma kinase; CRC, colorectal cancer; ECOG, Eastern Cooperative Oncology Group; EGFR, epidermal growth factor receptor; ENT, entinostat; NSCLC, non-small cell lung cancer; ORR, objective response rate; OS, overall survival; PEMBRO, pembrolizumab; PFS, progression-free survival; PO, orally; RECIST, Response Evaluation Criteria in Solid Tumors; QW, once a week; Q3W, every 3 weeks.

significance level of 5%.

ENCORE-601: ENT + PEMBRO in PD-(L)1-Pretreated NSCLC

Durable responses were observed in patients who experienced progression on prior anti-PD(L)1 therapy

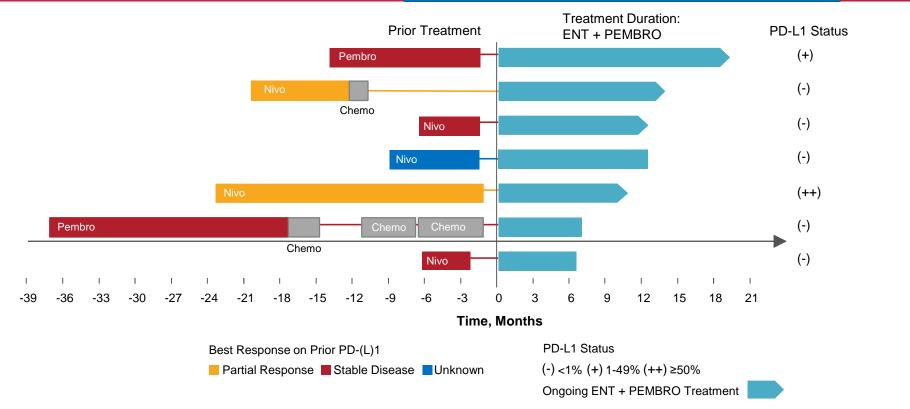


- Objective response rate with ENT + PEMBRO was 10% (7 of 72, 95% CI: 4-19%)
 - Prespecified ORR target not reached; median duration of response was 5.3 months
 - An additional 50% of patients achieved disease stabilization
- Experience similar in PD1-pretreated melanoma (ORR = 18%)¹

Cl, confidence interval; ENT, entinostat; PEMBRO, pembrolizumab; PD, progressive disease; PR, partial response; SD, stable disease. 1. Gandhi L, et al. Presented at ASCO 2018. Abstract 9036.

ENCORE-601: ENT + PEMBRO in PD-(L)1-Pretreated NSCLC

Responses observed regardless of prior treatment history or PD-L1 status



Chemo, chemotherapy; ENT, entinostat; Nivo, nivolumab; PEMBRO, pembrolizumab.

ENCORE-601: ENT + PEMBRO in PD-(L)1-Pretreated NSCLC





IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Entinostat + Pembrolizumab Key Messages

- ENT + PEMBRO demonstrated anti-tumor activity (ORR 10%) in patients with NSCLC who have progressed on prior PD-(L)1 blockade
- Prespecified ORR target not reached
- Most patients tolerated the therapy well
- Responses to ENT+ PEMBRO were independent of baseline PD-L1 expression



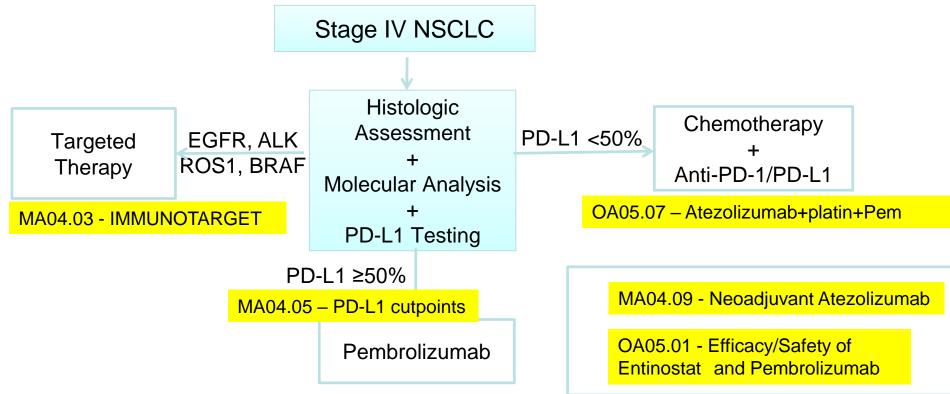


*

IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG





#WCLC2018

IASLC-----

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER

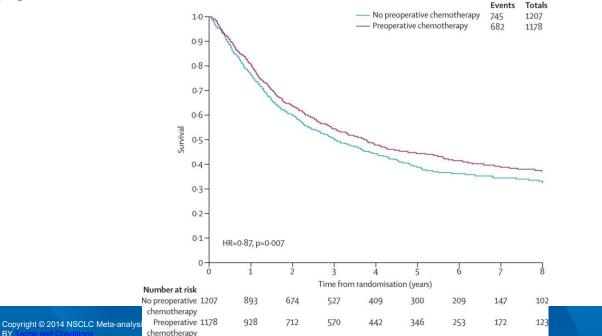
IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Preoperative chemotherapy for non-small-cell lung cancer: a systematic review and meta-analysis of individual participant data The Lancet, Volume 383, Issue 9928, Pages 1561-1571 (May 2014) DOI: 10.1016/S0140-6736(13)62159-5





BY



IASLC---

INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER

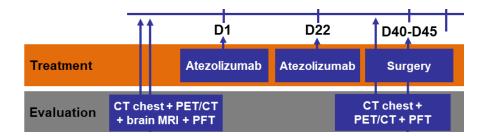
IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Neoadjuvant Atezolizumab in Resectable Non-Small Cell Cancer (NSCLC): Updated Results From a Multicentre Study (LCMC3)

Valerie W. Rusch,¹ Jamie E. Chaft,¹ Bruce E. Johnson,² Ignacio Wistuba,³ Mark G. Kris,¹ Jay M. Lee,⁴ Paul Bunn,⁵ David J. Kwiatkowski,² Karen L. Reckamp,⁶ David Finley,⁷ Eric B. Haura,⁸ Saiama N. Waqar,⁹ Robert Doebele,⁵ Edward B. Garon,⁴ Justin D. Blasberg,¹⁰ Alan Nicholas,¹¹ Katja Schulze,¹¹ See Phan,¹¹ Ann Johnson,¹¹ David P. Carbone¹²



IASLC-++





IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Neoadjuvant Therapy for Resectable NSCLC

PROS

- Attack Micrometastases earlier
- Compliance, Feasibility of systemic therapy
- Evaluate Efficacy, prognosis?
- Biomarkers, MOA (mechanism of action)

CONS

Delays and may preclude surgery

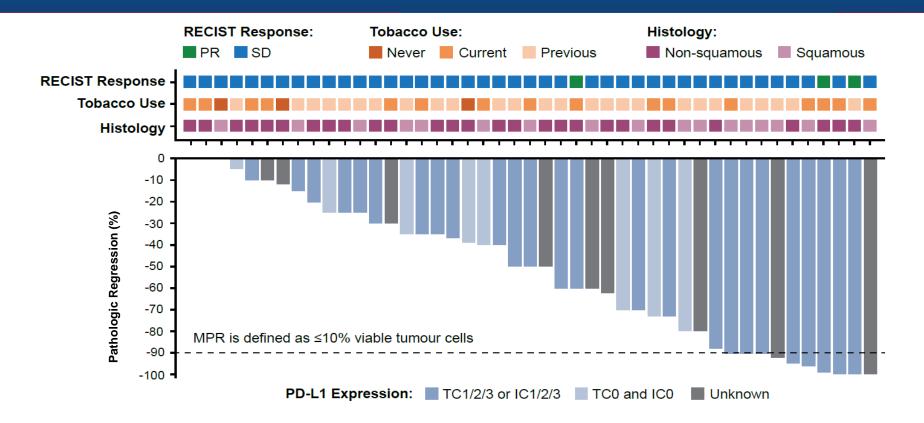
No effective alternatives if therapy ineffective

No validated predictive endpoints

No survival advantage over adjuvant therapy



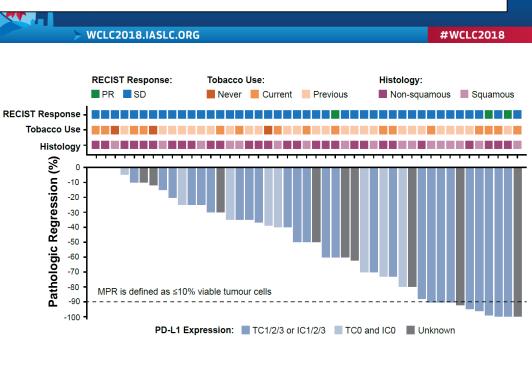
Major Pathological Response (≤10% Viable Tumour Cells)

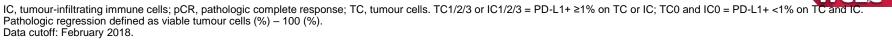


Rusch et al. LCMC3 2IA: Neoadjuvant Atezolizumab in NSCLC

Major Pathological Response (MPR; ≤10% Viable Tumor Cells)

- The efficacy-evaluable population comprised 45 patients who were treated with atezolizumab and underwent surgical resection
 - Per protocol, patients with *EGFR* or *ALK* genetic alterations were excluded from the efficacy-evaluable population
- 3 patients had pCR and 10 patients had a MPR
- No patients in the TCO and ICO subgroup had pCR or MPR
- Radiological response did not appear to associate with pathological response



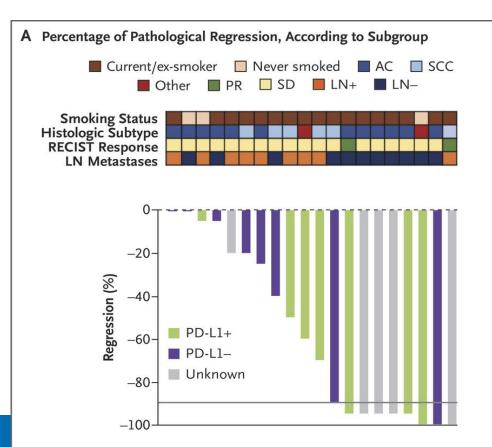


IASPathological Assessment of Responsed Weferant; praints Cancer Blockade of Proster Med Death 2018 Property Canada

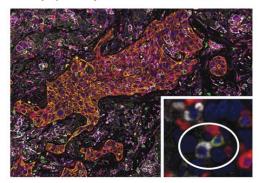
INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER

WCLC2018.IASLC.ORG

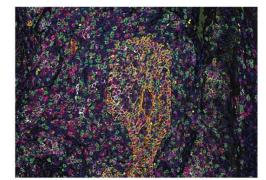
#WCLC2018



B Biopsy Sample before Nivolumab



C Biopsy Sample after Nivolumab





Rusch et al

WCLC2018.IASLC.ORG

#WCLC2018

Atezolizumab pre-op was feasible, 22% MPR 7% of patients couldn't have surgery 17% patients had surgery delayed We need to wait for study completion Is survival with pre-op ICI superior to adjuvant therapy? If not, do we get data that positively affects subsequent therapy? If no to both questions above, what will argue for pre-op ICI?





IASLC 19th World Conference on Lung Cancer September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

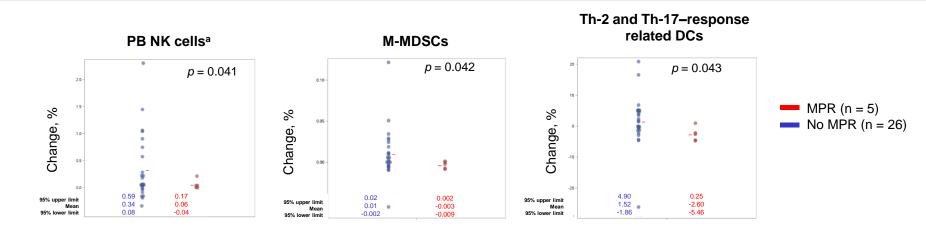
Neoadjuvant Atezolizumab Key Messages

- Neoadjuvant atezolizumab in early stage NSCLC shows promising clinical activity and was well tolerated
- 10 of 45 patients (22% [95% CI: 11, 37]) treated with 2 doses of atezolizumab and underwent surgery had a MPR

 Change in lesion size from baseline and percent viable tumor cells appear to not be associated



Immune Cell Subset Changes After Neoadjuvant Atezolizumab in Patients With MPR Versus No MPR



 Patients who did not achieve a MPR show an increase in late activated NK cells, a monocytic myeloid cell subpopulation, and a Th-2 and Th-17 response related DC subpopulation



Best of 19th IASLC World Conference on Lung Cancer (WCLC) 2018

Εταιρεία Μελέτης Πνουμονοπαθειών & Επαγγελματικών Παθήσεων Θώρακος

AIOPTANOEH

ASLC |



IASLC 19th World Conference on Lung Cancer

September 23–26, 2018 Toronto, Canada

WCLC2018.IASLC.ORG

#WCLC2018

Ευχαριστώ για την προσοχή σας

17-18 Μαΐου 2019 Mediterranean Palace Hotel Θεσσαλονίκη

Містрі апнатирочна свічарунні стро

Ογκολογικής Μονάδας Γ΄ Πανεπιστημιακής Παθολογικής Κλινικής ΕΚΠΑ, ΓΝΝΘΑ "Η Σωτηρία" TAKE ACTION

