# Thank you for joining us. The program will commence momentarily.

# Recent Advances in Medical Oncology: Targeted Therapy for Lung Cancer

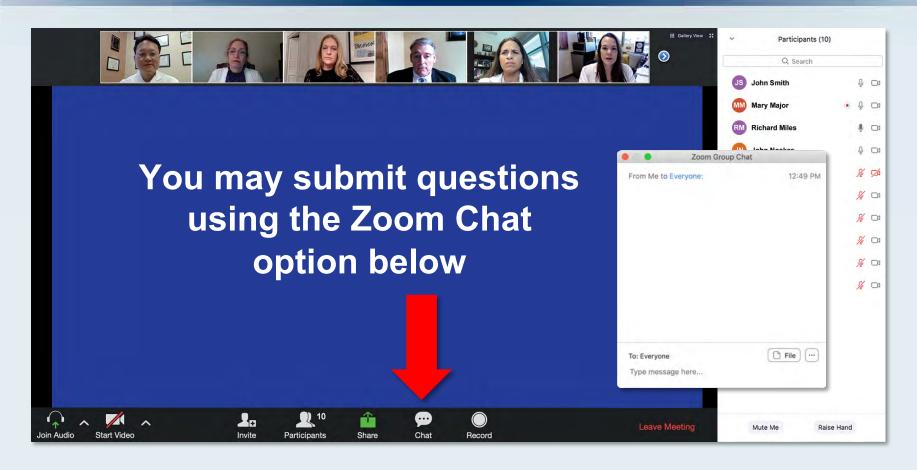
Wednesday, July 15, 2020 5:00 PM - 6:30 PM ET

#### **Faculty**

Alexander E Drilon, MD
Professor Solange Peters, MD, PhD
Suresh S Ramalingam, MD

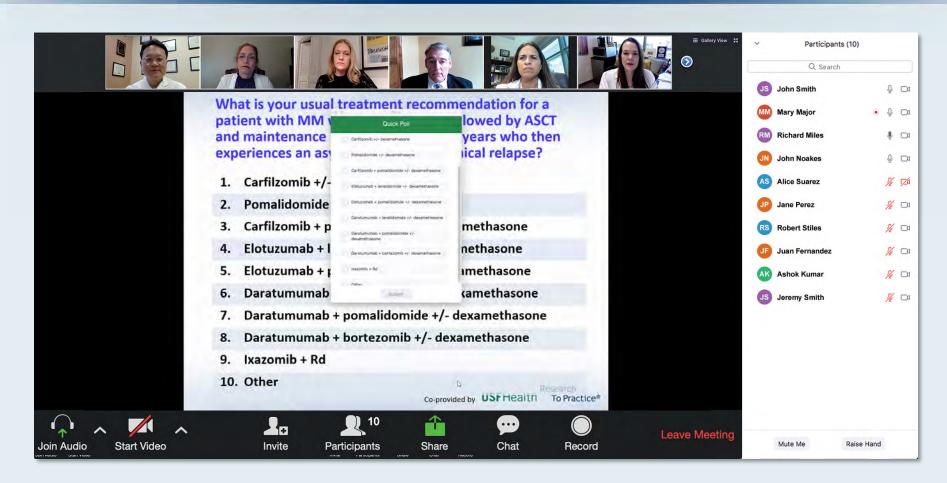


### Dr Love and Faculty Encourage You to Ask Questions



Feel free to submit questions **now before** the program commences and **throughout the program**.

### Familiarizing yourself with the Zoom interface How to answer poll questions



When a poll question pops up, click your answer choice from the available options. Results will be shown after everyone has answered.

#### **Commercial Support**

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#### **Dr Love — Disclosures**

**Dr Love** is president and CEO of Research To Practice. Research To Practice receives funds in the form of educational grants to develop CME activities from the following commercial interests: AbbVie Inc., Acerta Pharma — A member of the AstraZeneca Group, Adaptive Biotechnologies, Agendia Inc, Agios Pharmaceuticals Inc, Amgen Inc, Array BioPharma Inc, a subsidiary of Pfizer Inc, Astellas, AstraZeneca Pharmaceuticals LP, Bayer HealthCare Pharmaceuticals, Biodesix Inc, bioTheranostics Inc, Blueprint Medicines, Boehringer Ingelheim Pharmaceuticals Inc, Boston Biomedical Inc, Bristol-Myers Squibb Company, Celgene Corporation, Clovis Oncology, Daiichi Sankyo Inc, Dendreon Pharmaceuticals Inc, Eisai Inc, EMD Serono Inc, Exelixis Inc, Foundation Medicine, Genentech, a member of the Roche Group, Genmab, Genomic Health Inc, Gilead Sciences Inc, GlaxoSmithKline, Grail Inc, Guardant Health, Halozyme Inc, Helsinn Healthcare SA, ImmunoGen Inc, Incyte Corporation, Infinity Pharmaceuticals Inc, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc, administered by Janssen Scientific Affairs LLC, Jazz Pharmaceuticals Inc, Kite, A Gilead Company, Lexicon Pharmaceuticals Inc, Lilly, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Merck, Merrimack Pharmaceuticals Inc, Myriad Genetic Laboratories Inc, Natera Inc, Novartis, Oncopeptides, Pfizer Inc, Pharmacyclics LLC, an AbbVie Company, Prometheus Laboratories Inc, Puma Biotechnology Inc, Regeneron Pharmaceuticals Inc, Sandoz Inc, a Novartis Division, Sanofi Genzyme, Seattle Genetics, Sirtex Medical Ltd, Spectrum Pharmaceuticals Inc, Taiho Oncology Inc, Takeda Oncology, Tesaro, A GSK Company, Teva Oncology, Tokai Pharmaceuticals Inc. Tolero Pharmaceuticals and Verastem Inc.

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Planners, scientific staff and independent reviewers for Research To Practice have no relevant conflicts of interest to disclose.

#### **Dr Drilon** — **Disclosures**

Advisory Committee and Consulting Agreements	AbbVie Inc, ArcherDX Inc, AstraZeneca Pharmaceuticals LP, Axis Pharmaceutics, Bayer HealthCare Pharmaceuticals, BeiGene, BerGenBio ASA, Blueprint Medicines, Elevation Oncology, Exelixis Inc, Foundation Medicine, Genentech, a member of the Roche Group, Helsinn Healthcare SA, Hengrui Therapeutics Inc, Ignyta Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, MORE Health Inc, Pfizer Inc, Remedica Ltd, Takeda Oncology, TP Therapeutics Inc, Tyra Biosciences, Verastem Inc, WebMD		
Contracted Research	Exelixis Inc, Foundation Medicine, GlaxoSmithKline, Pfizer Inc, PharmaMar, Taiho Oncology Inc, Teva Oncology		
Food and Beverage	Merck, Puma Biotechnology Inc		
Royalties	Wolters Kluwer		
Other	Boehringer Ingelheim Pharmaceuticals Inc, Merus BV		

#### **Prof Peters — Disclosures**

Advisory Committee and Consulting Agreements	AbbVie Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP, Bayer HealthCare Pharmaceuticals, Biocartis, BioInvent International AB, Blueprint Medicines, Boehringer Ingelheim Pharmaceuticals Inc, Bristol-Myers Squibb Company, Clovis Oncology, Daiichi Sankyo Inc, Debiopharm Group, F Hoffmann-La Roche Ltd, Foundation Medicine, Illumina Inc, Janssen Biotech Inc, Lilly, Merck Serono, Merck Sharp & Dohme Corp, Merrimack Pharmaceuticals Inc, Novartis, Pfizer Inc, PharmaMar, Regeneron Pharmaceuticals Inc, Sanofi Genzyme, Seattle Genetics, Takeda Oncology		
Contracted Research	Amgen Inc, AstraZeneca Pharmaceuticals LP, Bristol-Myers Squibb Company, F Hoffmann-La Roche Ltd, Illumina Inc, Merck Serono, Merck Sharp & Dohme Corp, Novartis, Pfizer Inc		
Data and Safety Monitoring Board/Committee	Academic trials		

### **Dr Ramalingam — Disclosures**

Consulting Agreements	AbbVie Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP, Bristol-Myers Squibb Company, Genentech, a member of the Roche Group, Merck, Takeda Oncology
Contracted Research	Advaxis Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP, Bristol-Myers Squibb Company, Merck, Takeda Oncology, Tesaro, A GSK Company

#### **Upcoming Live Webinars**

Thursday, July 16, 2020 8:00 AM - 9:00 AM ET

Clinical Investigator
Perspectives on
the Current and Future
Management of Multiple
Myeloma

Faculty
Sagar Lonial, MD

**Moderator** Neil Love, MD Monday, July 20, 2020 5:00 PM - 6:00 PM ET

Recent Advances in Medical Oncology: Triple-Negative Breast Cancer

#### **Faculty**

Joyce O'Shaughnessy, MD Hope S Rugo, MD

**Moderator** 

Neil Love, MD

#### **Upcoming Live Webinars**

Tuesday, July 21, 2020 12:00 PM - 1:00 PM ET

MEET THE PROFESSORS
Clinical Investigators Discuss
Existing and Emerging Treatment
Strategies for Patients with Ovarian,
Cervical and Endometrial Cancer

#### **Faculty**

Joyce F Liu, MD, MPH David M O'Malley, MD

Moderator Neil Love, MD Wednesday, July 22, 2020 5:00 PM - 6:00 PM ET

Recent Advances in Medical Oncology: Melanoma

#### **Faculty**

Michael B Atkins, MD Professor Georgina Long, BSc, PhD, MBBS Jason J Luke, MD

#### **Moderator**

Neil Love, MD

#### **Upcoming Live Webinars**

Thursday, July 23, 2020 12:00 PM – 1:00 PM ET

MEET THE PROFESSOR
Current Questions and
Controversies in the
Management of Lung Cancer

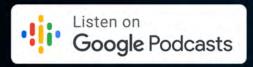
Faculty
Joel W Neal, MD, PhD

### ONCOLOGY TODAY

WITH DR NEIL LOVE









# Recent Advances in Medical Oncology: Targeted Therapy for Lung Cancer

Wednesday, July 15, 2020 5:00 PM - 6:30 PM ET

#### **Faculty**

Alexander E Drilon, MD
Professor Solange Peters, MD, PhD
Suresh S Ramalingam, MD



#### **Faculty**



Alexander E Drilon, MD
Chief, Early Drug Development Service
Associate Attending Physician
Thoracic Oncology Service
Memorial Sloan Kettering Cancer Center
New York, New York

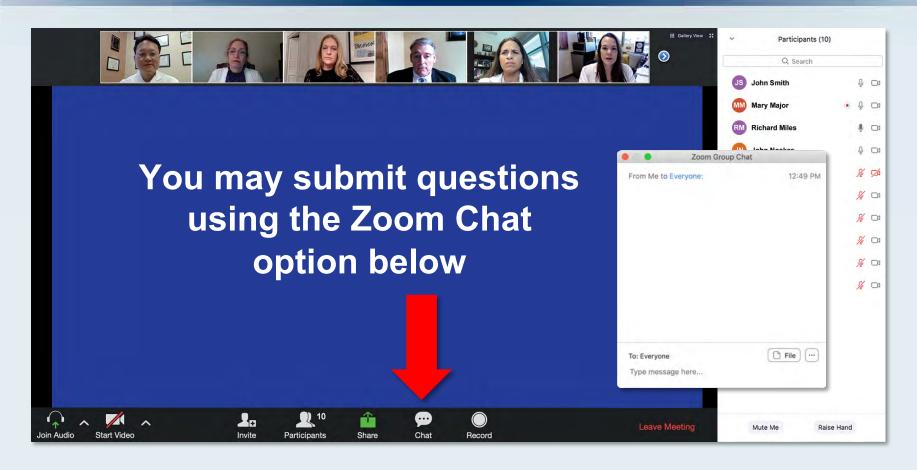


Suresh S Ramalingam, MD
Professor of Hematology and Medical Oncology
Roberto C Goizueta Chair for Cancer Research
Director, Division of Medical Oncology
Deputy Director, Winship Cancer Institute
Emory University School of Medicine
Atlanta, Georgia



Professor Solange Peters, MD, PhD Head, Medical Oncology Chair, Thoracic Malignancies Oncology Department Lausanne University Hospital (CHUV) Lausanne, Switzerland

### Dr Love and Faculty Encourage You to Ask Questions



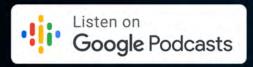
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### ONCOLOGY TODAY

WITH DR NEIL LOVE









# Clinical Investigator Perspectives on the Current and Future Management of Multiple Myeloma A Meet The Professor Series

Thursday, July 16, 2020 8:00 AM – 9:00 AM ET

Sagar Lonial, MD

Chair and Professor

Department of Hematology and Medical Oncology

Anne and Bernard Gray Family Chair in Cancer

Chief Medical Officer

Winship Cancer Institute

Emory University School of Medicine

Atlanta, Georgia





## Recent Advances in Medical Oncology: Triple-Negative Breast Cancer

Monday, July 20, 2020

5:00 PM - 6:30 PM ET

#### **Faculty**

Joyce O'Shaughnessy, MD Hope S Rugo, MD



### **Meet The Professors**

### Clinical Investigators Discuss Existing and Emerging Treatment Strategies for Patients with Ovarian, Cervical and Endometrial Cancer

**Tuesday, July 21, 2020** 

12:00 PM - 1:00 PM ET

#### **Faculty**

Joyce F Liu, MD, MPH David M O'Malley, MD



## Recent Advances in Medical Oncology: Melanoma

Wednesday, July 22, 2020 5:00 PM - 6:30 PM ET

#### **Faculty**

Michael B Atkins, MD
Professor Georgina Long, BSc, PhD, MBBS
Jason J Luke, MD



# Meet The Professors Current Questions and Controversies in the Management of Lung Cancer

Thursday, July 23, 2020

12:00 PM - 1:00 PM ET

**Faculty** 

Joel W Neal, MD, PhD

Moderator

Neil Love, MD



#### **About the Enduring Program**

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# Recent Advances in Medical Oncology: Targeted Therapy for Lung Cancer

Wednesday, July 15, 2020 5:00 PM - 6:30 PM ET

#### **Faculty**

Alexander E Drilon, MD
Professor Solange Peters, MD, PhD
Suresh S Ramalingam, MD



#### **Consulting Investigators**



Matthew Gubens, MD, MS
Associate Professor, Thoracic Medical Oncology
University of California, San Francisco
San Francisco, California



Nasser H Hanna, MD
Professor of Medicine
Tom and Julie Wood Family Foundation
Professor of Lung Cancer Clinical Research
Indiana University
Indianapolis, Indiana



Corey J Langer, MD
Director of Thoracic Oncology
Abramson Cancer Center
Professor of Medicine
Perelman School of Medicine
University of Pennsylvania
Philadelphia, Pennsylvania

#### **Agenda**

**MODULE 1: EGFR Mutation-Positive NSCLC** 

**MODULE 2: NSCLC with ALK Rearrangements** 

**MODULE 3: RET Fusion-Positive Disease** 

**MODULE 4: Targeting MET in MET Exon 14-Altered Disease** 

**MODULE 5: HER2-Mutant NSCLC** 

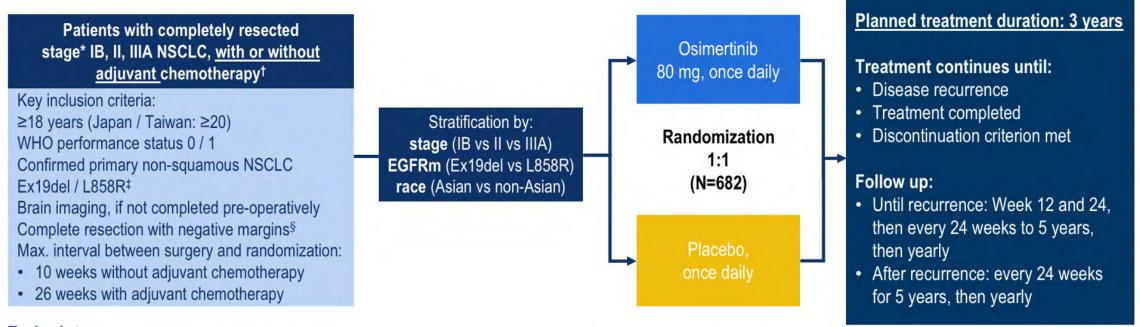
**MODULE 6: NSCLC with ROS1 Rearrangements** 

**MODULE 7: Other Targetable Genetic Abnormalities** 

#### **MODULE 1: Management of EGFR Mutation-Positive NSCLC**

- Key Relevant Data Sets
- Questions and Cases from Investigators
- Faculty Cases Dr Ramalingam
  - 71-year-old woman with metastatic adenocarcinoma of the lung and an EGFR L858R mutation
  - 62-year-old man with metastatic adenocarcinoma of the lung and an EGFR Exon 20 insertion mutation

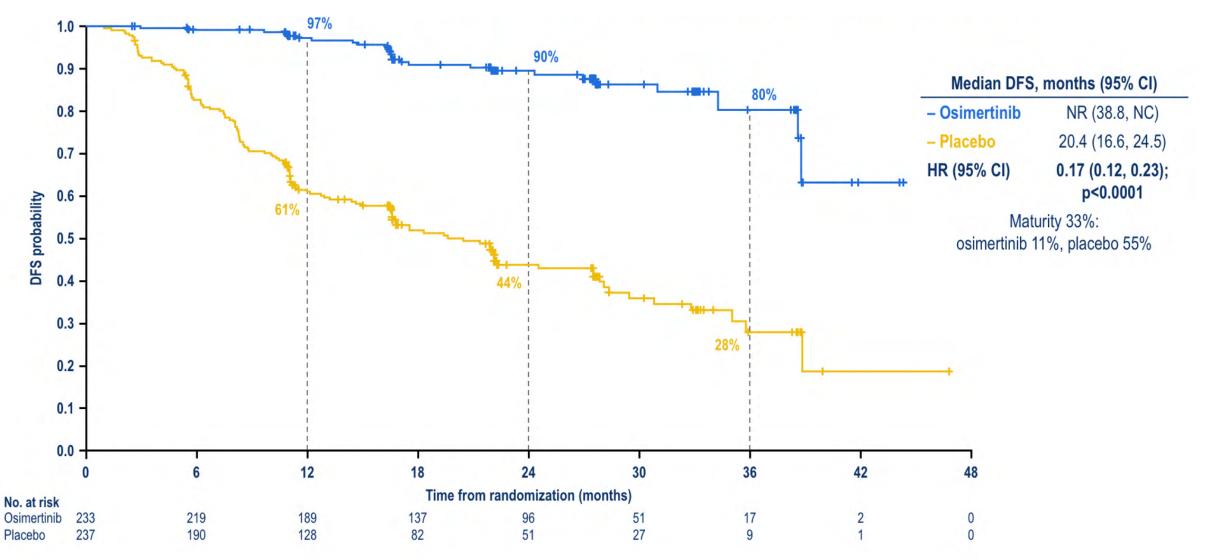
### **ADAURA: Design**



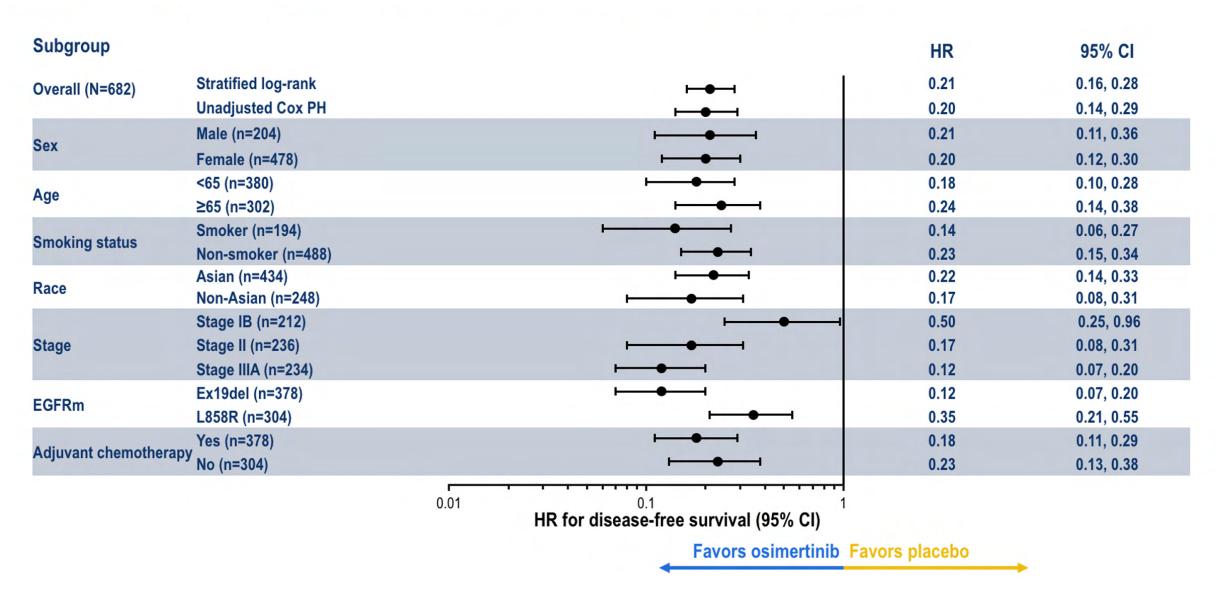
#### **Endpoints**

- Primary: DFS, by investigator assessment, in stage II/IIIA patients; designed for superiority under the assumed DFS HR of 0.70
- Secondary: DFS in the overall population<sup>¶</sup>, DFS at 2, 3, 4, and 5 years, OS, safety, health-related quality of life
- Following IDMC recommendation, the study was unblinded early due to efficacy; here we report an unplanned interim analysis
- At the time of unblinding the study had completed enrollment and all patients were followed up for at least 1 year

#### **ADAURA Primary endpoint: DFS in patients with stage II/IIIA disease**



#### ADAURA DFS across subgroups in the overall population



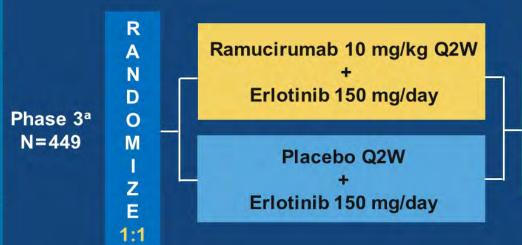
#### **RELAY: Study Design<sup>1,2</sup>**

#### **Key inclusion criteria**

- Stage IV NSCLC
- EGFR mutation-positive (Ex19del or Ex 21 L858R)
- •ECOG PS 0-1

#### Key exclusion criteria

- •Known *EGFR* T790M mutation
- Prior treatment with EGFR
   TKI or chemotherapy
- Brain metastases



Treatment until progression or unacceptable toxicity

Primary end point: Progression-Free Survival

#### **Stratification factors**

- ♦ EGFR status (exon 19 deletion vs. exon 21 L858R)
- ♦ Sex

- Region (East Asia vs. other)
- EGFR testing method (therascreen®/cobas® vs. other)

<sup>a</sup>Phase 3 enrollment began after confirmation of dose and schedule in Phase 1b<sup>2</sup>

1. Garon EB et al. Clin Lung Cancer 2017; 2. Reck M et al. Clin Lung Cancer 2018

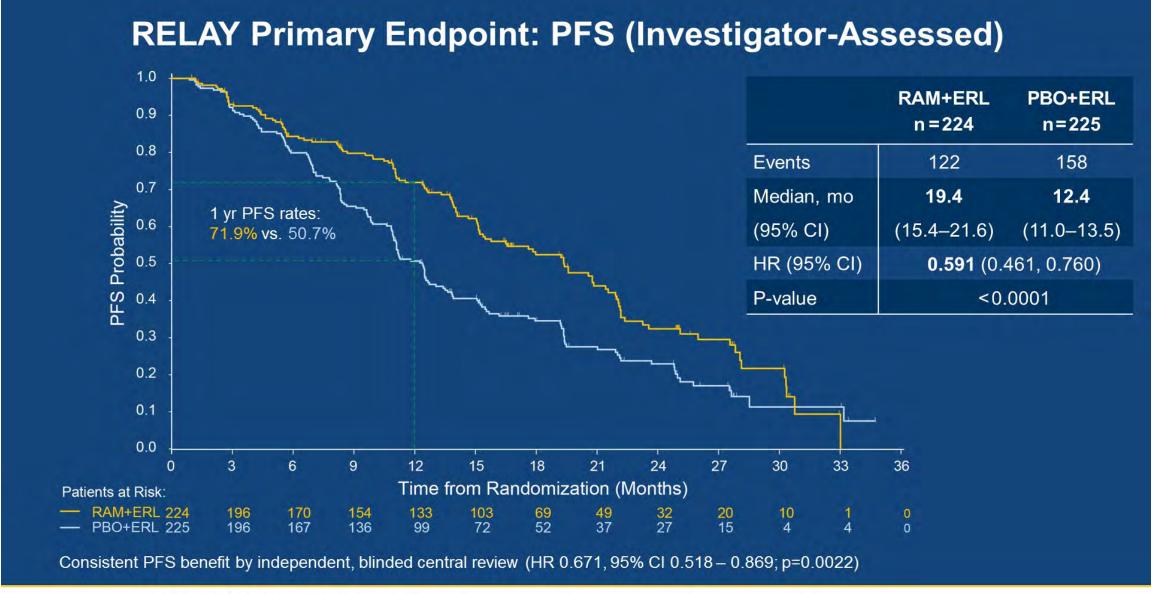
Clinicaltrials.gov NCT02411448



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PRESENTED BY:

Prof. Kazuhiko Nakagawa, MD, PhD Kindai University Faculty of Medicine, Osaka, Japan





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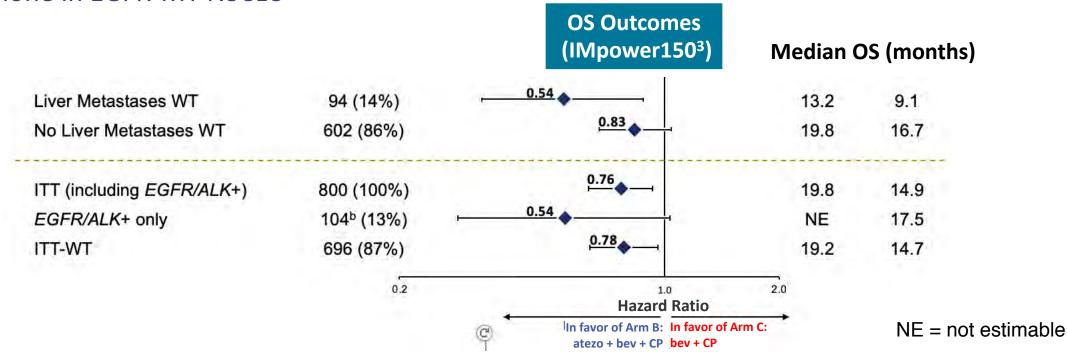
## Meta-Analysis Comparing Overall Survival: Efficacy of PD-1/PD-L1 Inhibitors vs Docetaxel in EGFR<sup>MT</sup> and EGFR wild-type NSCLC

Trial	Hazard Ratio (95% CI)	Favors PD-1/PD-L1 Inhibitor	Favors Docetaxel	Weight, %
EGFR wild-type				
OAK	0.69 (0.57-0.83)	-		32.6
CheckMate 057	0.66 (0.51-0.85)	-		16.2
Keynote 010	0.66 (0.55-0.79)			33.5
POPLAR	0.70 (0.47-1.04)	-		7.1
Subtotal Heterogeneity: $\chi_3^2 = 0.18$ , $P = .98$ ; $I^2 = 0\%$ Test for overall effect: $z = 6.94$ ( $P < .001$ )	0.67 (0.60-0.75)			89.4
EGFR mutated				
OAK	1.24 (0.71-2.18)		-	3.5
CheckMate 057	1.18 (0.69-2.02)			3.9
Keynote 010	0.88 (0.45-1.72)			2.5
POPLAR	0.99 (0.29-3.40)	-	-	0.7
Subtotal Heterogeneity: $\chi_3^2 = 0.69$ , $P = .88$ ; $I^2 = 0\%$ Test for overall effect: $z = 0.61$ ( $P = .54$ )	1.11 (0.80-1.53)			10.6
Total Heterogeneity: $\chi_7^2 = 8.90$ , $P = .26$ ; $I^2 = 21\%$ Test for overall effect: $z = 6.37$ ( $P < .001$ ) Test for subgroup differences: $\chi^2 = 8.03$ , $P = .001$	0.71 (0.64-0.79) .005; <i>I</i> <sup>2</sup> =87.6%	0.2 1 Hazard Ratio	.0 4. o (95% CI)	100

### What About Chemo + IO for EGFR-MT NSCLC?

- Post-hoc analysis from IMpower150<sup>1</sup>
  - Suggestion of improved efficacy with chemo + Bevacizumab + Atezolizumab

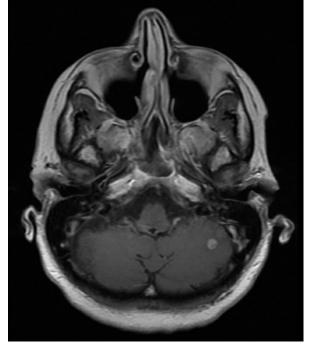
 Results from IMpower130 failed to demonstrate benefit with chemo + Atezo versus chemo alone in EGFR-MT NSCLC<sup>2</sup>



# Case Presentation -- Dr Ramalingam: 71-year-old woman with metastatic adenocarcinoma of the lung and an EGFR mutation

- 71 year old woman
- Never-smoker, no other medical illnesses
- Presented with persistent cough
- CT chest demonstrated right lower lobe lung mass
- Biopsy- adenocarcinoma
- EGFR L858R mutation
- Staging revealed multiple bilateral pulmonary nodules and brain metastasis (sub-cm)
- Started on osimertinib in October 2019





# Case Presentation -- Dr Ramalingam: 71-year-old woman (cont)



Jan 2020

Regulatory and reimbursement issues aside, what would be your likely systemic treatment for a high-functioning physician who presents with nonsquamous NSCLC with bone metastases, 25 brain metastases and an exon 21 L858R mutation?

- a. Osimertinib
- b. Osimertinib/chemotherapy
- c. Osimertinib/bevacizumab
- d. Osimertinib/ramucirumab
- e. Other





# Case Presentation – Dr Ramalingam: 62-year-old man with metastatic adenocarcinoma of the lung and an EGFR Exon 20 insertion mutation

- 62/M
- Diagnosed with stage 4 adenocarcinoma in 2017
- No extra-thoracic disease
- EGFR Exon 20 insertion mutation
- Carboplatin-pemetrexed- 13 months (Stable disease)
- Enrolled to ECOG-ACRIN 5162
  - Osimertinib 160 mg/d
  - Best response stable disease
  - Duration of benefit- 20 months



Regulatory and reimbursement issues aside, what adjuvant systemic therapy would you recommend for a 59-year-old nonsmoker with a 2.9-cm Stage IB nonsquamous NSCLC with lymphovascular invasion and an EGFR exon 19 deletion?

- a. Osimertinib
- b. Chemotherapy
- c. Chemotherapy followed by osimertinib
- d. Other
- e. None



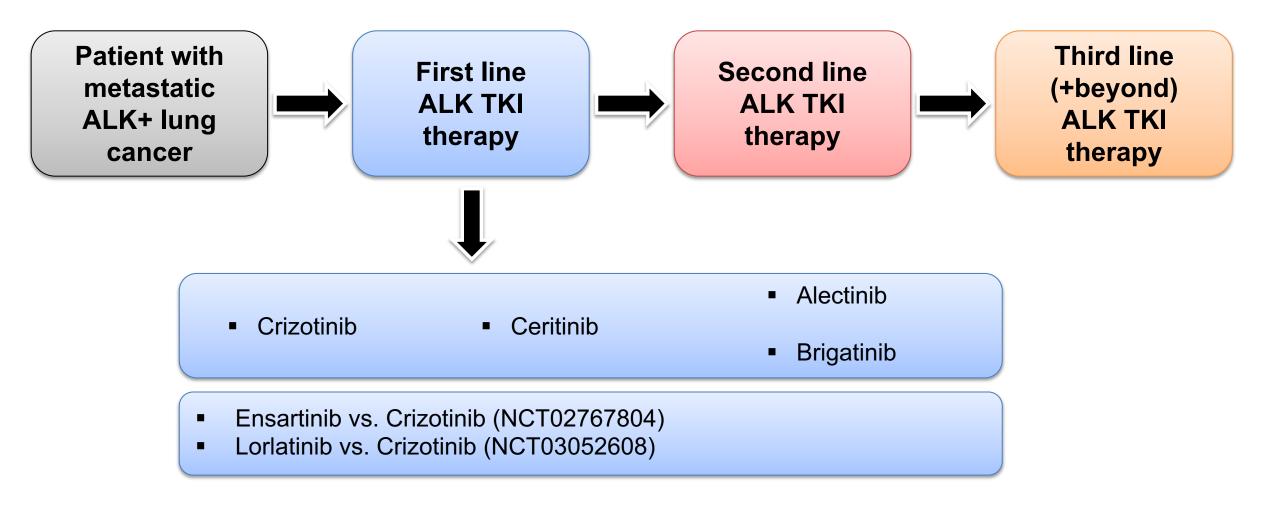




## **MODULE 2: Management of ALK Rearrangements**

- Key Relevant Data Sets
- Questions and Cases from Investigators
- Faculty Case Professor Peters
  - A 59-year-old patient with adenocarcinoma of the lung and an ALK rearrangement

#### First line therapy for ALK+ lung cancer in 2018

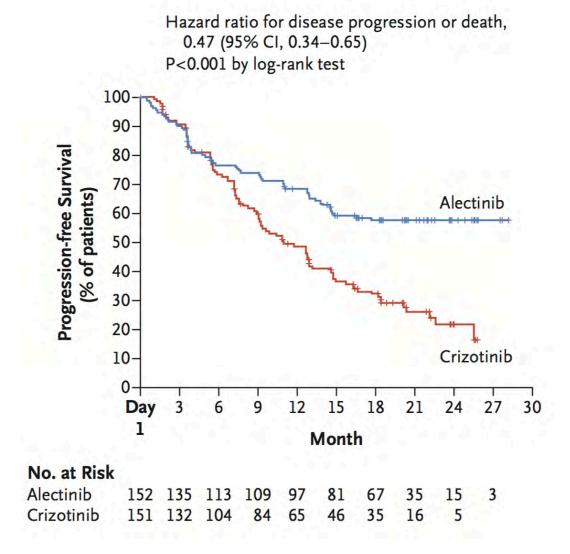


#### **ALEX trial: alectinib frontline against crizotinib**

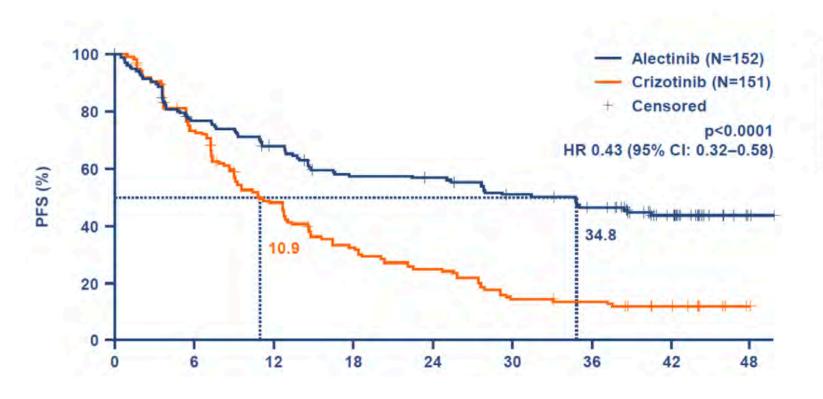
#### ORIGINAL ARTICLE

## Alectinib versus Crizotinib in Untreated ALK-Positive Non–Small-Cell Lung Cancer

Solange Peters, M.D., Ph.D., D. Ross Camidge, M.D., Ph.D.,
Alice T. Shaw, M.D., Ph.D., Shirish Gadgeel, M.D., Jin S. Ahn, M.D.,
Dong-Wan Kim, M.D., Ph.D., Sai-Hong I. Ou, M.D., Ph.D., Maurice Pérol, M.D.,
Rafal Dziadziuszko, M.D., Rafael Rosell, M.D., Ph.D., Ali Zeaiter, M.D.,
Emmanuel Mitry, M.D., Ph.D., Sophie Golding, M.Sc., Bogdana Balas, M.D.,
Johannes Noe, Ph.D., Peter N. Morcos, Pharm.D., and Tony Mok, M.D.,
for the ALEX Trial Investigators\*



#### **ALEX trial: Final PFS alectinib frontline against crizotinib**



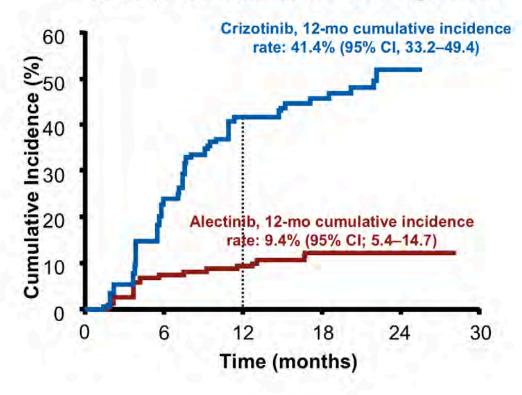
	Alectinib	Crizotinib
mPFS, mo	34.8	10.9
HR (95% CI)	0.43 (0.32-0.68)	
ORR, %	72.4	60.9

#### **ALEX: CNS Activity**

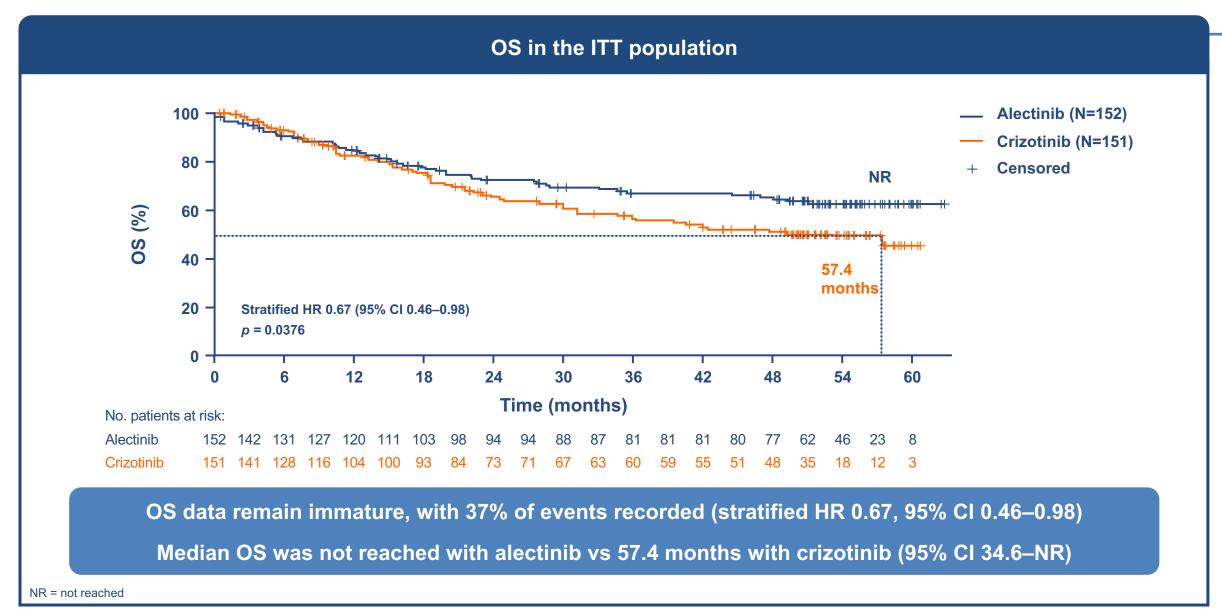
 Competing risk of CNS progression, non-CNS progression, and death based on first event was analyzed

CNS Progression, no Previous Systemic PD	Alectinib (n = 152)	Crizotinib (n = 151)
Pts with event, n (%)	18 (12)	68 (45)
Cause-specific HR (95% CI)  P value	0.16 (0.10–0.28) < .0001	

#### **Cumulative Incidence of CNS Progression**

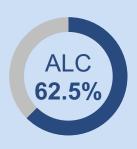


### **ALEX: 5-year Overall survival data**



### Summary: updated OS and safety findings from the global ALEX study

5-year survival rate: 62.5% with alectinib (ALC) vs 45.5% with crizotinib (CRZ):





OS data remain immature at this updated analysis:

**37%** of events recorded in the ITT population

(stratified **HR 0.67** 95% CI 0.46–0.98)

No new safety signals were observed with alectinib with almost 3 times longer median treatment duration than crizotinib



Patients that had access to other ALK TKIs after first-line alectinib or crizotinib:

38.1% after first-line alectinib

53.5% after first-line crizotinib

This is the first global randomized study of a next-generation ALK TKI to demonstrate a clinically meaningful improvement in OS vs crizotinib in treatment-naïve ALK+ NSCLC

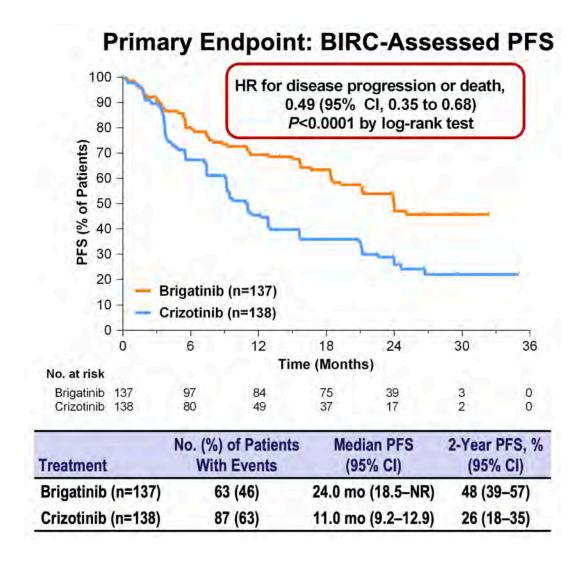
#### **ALTA-1L trial: PFS by independent review**

#### **ORIGINAL ARTICLE**

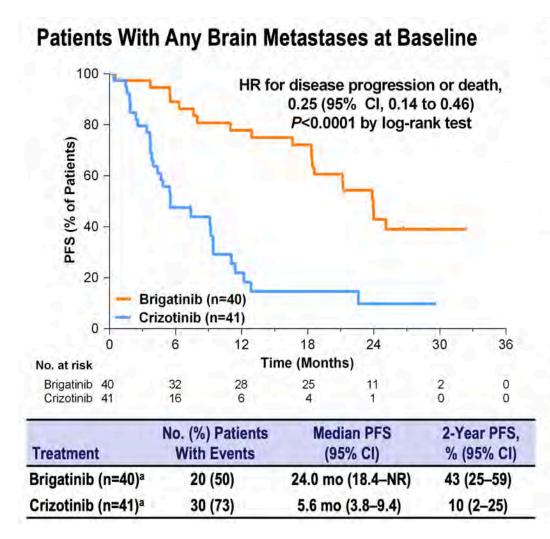
## Brigatinib versus Crizotinib in *ALK*-Positive Non–Small-Cell Lung Cancer

D.R. Camidge, H.-R. Kim, M.-J. Ahn, J.C.-H. Yang, J.-Y. Han, J.-S. Lee, M.J. Hochmair, J.Y.-C. Li, G.-C. Chang, K.H. Lee, C. Gridelli, A. Delmonte, M.R.G. Campelo, D.-W. Kim, A. Bearz, F. Griesinger, A. Morabito, E. Felip, R. Califano, S. Ghosh, A. Spira, S.N. Gettinger, M. Tiseo, N. Gupta, J. Haney, D. Kerstein, and S. Popat

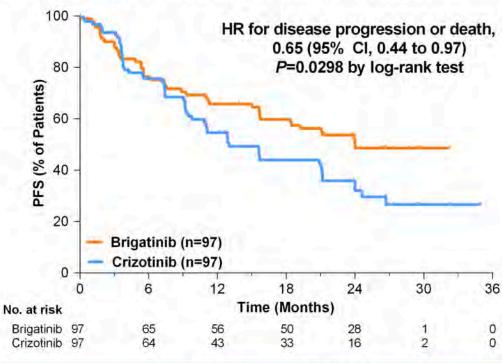
- Same benefit in patients with our without prior chemotherapy
- Independent radiological review
- Interim analysis



#### **ALTA-1L: PFS with/without brain metastasis**



## Patients Without Brain Metastases at Baseline



Treatment	No. (%) Patients With Events	Median PFS (95% CI)	2-Year PFS, % (95% CI)
Brigatinib (n=97)a	43 (44)	24.0 mo (15.7-NR)	50 (39-61)
Crizotinib (n=97)a	57 (59)	13.0 mo (9.5-21.1)	32 (22-43)

<sup>&</sup>lt;sup>a</sup> Per investigator assessment

## The obvious competition Intracranial activity alectinib vs brigatinib

Intracranial Efficacy	ALTA	4-1L	AL	EX
	Brigatinib	Crizotinib	Alectinib	Crizotinib
Measurable Brain Metastases (N)	18	21	21	22
ORR % (95% CI)	78 (52,94)	26 (10,48)	81 (58,95)	50 (28,72)
Any brain metastases (N)	47	49	64	58
HR (95% CI) for PFS with any BM	0.25 (0.2	14–0.46)	0.40 (0.2	25–0.64)

Courtesy of Solange Peters, MD, PhD

#### **ALKI TOXICITIES**

#### **CERITINIB**

NAUSEA DIARRHEA VOMITING ALT, AST, GAMMA-GT ALP

#### **ALECTINIB**

ALT, AST, GAMMA-GT OEDEMA FATIGUE MYALGIA LUNG TOXICITY (LATE ONSET)

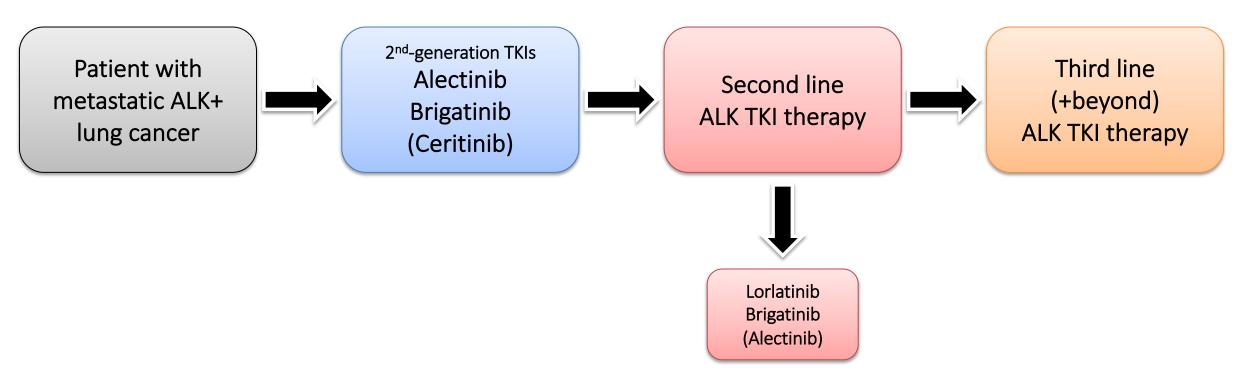
#### BRIGATINIB

CPK
HYPERTENSION
LIPASE
AMYLASE
DIARRHEA

LUNG TOXICITY (EARLY ONSET)

#### Second line therapy for ALK+ lung cancer, after a 2<sup>nd</sup>-generation ALK TKI

#### Much less data in this scenario...



Can we bring resistance biomarker selection into the sequence of ALK TKIs in lung cancer?



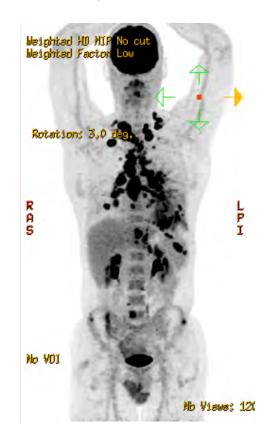
Which of the following ALK inhibitors is likely to be the most efficacious and tolerable as first-line treatment for a patient with metastatic nonsquamous NSCLC with an ALK rearrangement?

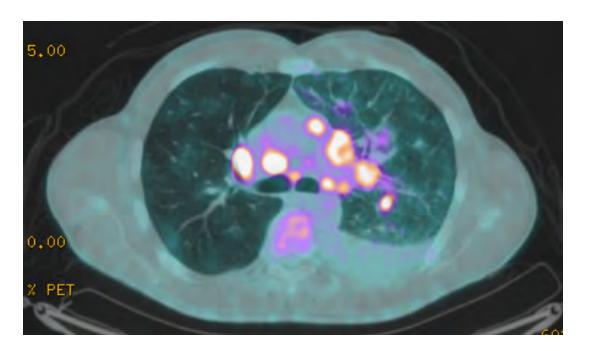
- a. Alectinib
- b. Brigatinib
- c. Ceritinib
- d. Any of the above it is a coin-flip
- e. I don't know



# Case Presentation – Professor Peters: A 59-year-old patient with adenocarcinoma of the lung and an ALK rearrangement

- Patient was born in 1971, excellent general state, never smoker
- Very sportive progressive limitations in running performances
- Progressive cough and fatigue
- Family doctor asks for a CT scan, then a PET/CT, early 2015

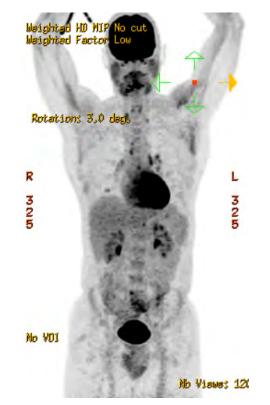


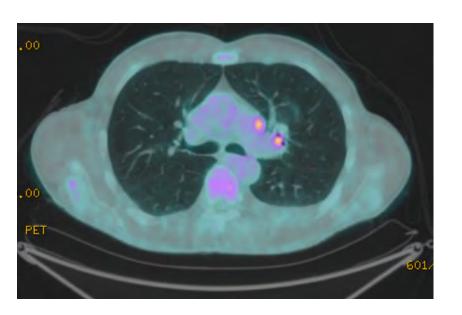


#### **Case Presentation – Professor Peters: A 59-year-old patient**

### -- Supraclavicial node biopsy

- Adenocarcinoma, solid & acinar, TTF-1 positive, EGFR WT
- IHC positive for ALK
- No brain lesions at MRI
- Emergency crizotinib introduction for rapidly worsening general symptoms.
   PET-CT after 6 weeks

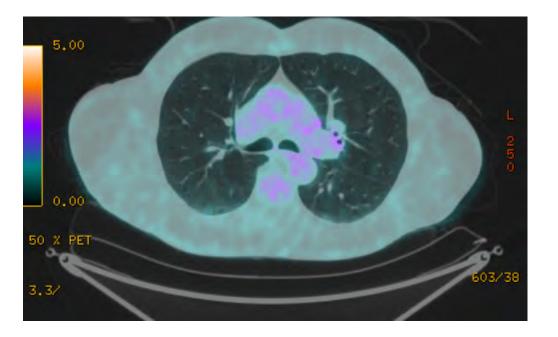




## Case Presentation – Professor Peters: A 59-year-old patient -- After 9 months

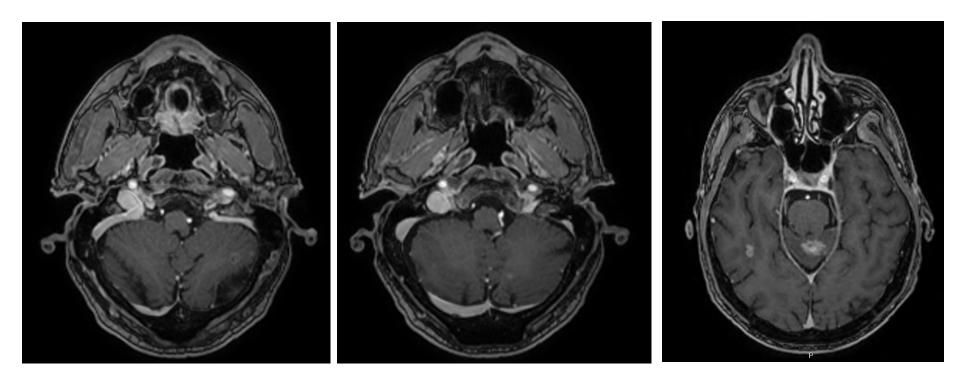
- CR, no brain lesion at MRI
- Resuming a normal life, despite some nausea grade 1 and visual disturbances, running, and working 100%





## Case Presentation – Professor Peters: A 59-year-old patient -- After 18 months

- No significant general symptoms
- Experiences some episodes of dizziness after running
- PET/CT: persistence of a CR.
- But...



#### **Case Presentation – Professor Peters: A 59-year-old patient**

### -- At Disease Progression

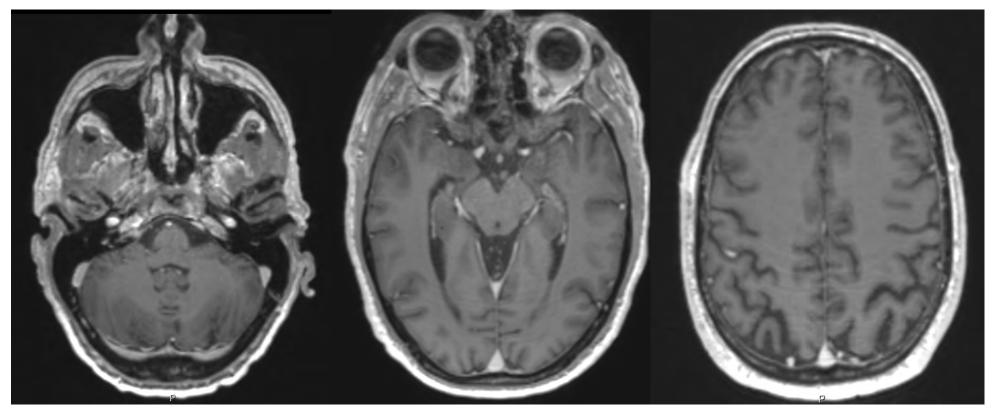


- No systemic relapse
- Introduction of Alectinib 600 mg bid
- Complete disappearance of dizziness and fatigue in 4 weeks

### **Case Presentation – Professor Peters: A 59-year-old patient**

### -- Today, > 5 years later

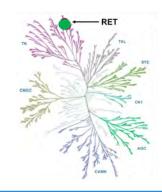
- Complete remission, working 100%
- Teaching sport again, despite some fluctuating myalgia and significant photosensitivity

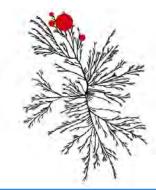


#### **MODULE 3: RET Fusion-Positive Disease**

- Key Relevant Data Sets
- Questions and Cases from Investigators
- Faculty Case Dr Drilon
  - 33-year-old woman with adenocarcinoma of the lung and an EML4-RET fusion mutation and a TP53 frameshift mutation

## Selective RET inhibitors are active in *RET* fusion-positive NSCLC





	Selpercatinib (LIBRETTO-001)	Pralsetinib (ARROW)
ORR		
Treatment naïve	85% (70-94, n=39)	66% (46-82, n=29)
Platinum pretreated	64% (54-73, n=105)	55% (45-66, n=92)
-Intracranial ORR	91% (59-100, n=11)	(not reported)
Median PFS		
Treatment naïve	not reached (14-NE)	17 months (14-NE)
Platinum pretreated	(not reported)	(not reported)

<sup>\*</sup>both by independent review and in intent-to-treat population; NE – not evaluable



## Selective RET inhibitors are well tolerated

	Selpercatinib (n=531)	Pralsetinib (n=354)
Treatment-related AEs, any grade		
AST/ALT Increase	26%	31%
Anemia/Leukopenia/Neutropenia	-	22%
Hypertension	24%	20%
Dry mouth	33%	11%
Diarrhea	22%	14%
Fatigue	18%	12%

# Case Presentation – Dr Drilon: 33-year-old woman with adenocarcinoma of the lung and an EML4-RET fusion mutation

- Patient presented with cough and dyspnea. Computed and positron-emission tomography imaging revealed a hypermetabolic 4.8-cm right lower lobe mass, mediastinal and hilar adenopathy, and osseous metastases involving L1, the sacrum, and the left anterolateral sixth rib.
- MRI of the brain showed three sub-centimeter enhancing foci in the right precentral gyrus, right parietal lobe, and left temporal lobe. Endobronchial biopsy of an R4 lymph node revealed adenocarcinoma with signet ring cell features
- Tumor cells were positive for TTF-1 and negative for p40 by immunohistochemistry
- NGS identified an EML4-RET fusion in addition to a TP53 frameshift mutation.
- Patient was treated with the investigational anti-RET multikinase inhibitor agerafenib (RXDX-105).
- Although a confirmed PR was initially achieved (a near-complete response in her brain metastases), her course was marked by isolated asymptomatic intracranial progression requiring multiple radiation treatments.

## Case Presentation – Dr Drilon: 33-year-old woman (cont)

- A year after initiating therapy, she underwent stereotactic radiosurgery (21 Gy) to five new enhancing sub-centimeter parenchymal metastases.
- Seven months later, she developed further intracranial progression requiring 42 Gy of stereotactic radiosurgery to seven additional lesions. Given absence of extracranial disease progression, agerafenib (RXDX-105) was continued.
- Four months later, the patient developed symptomatic progression of brain metastases and new leptomeningeal disease.
- She presented with left facial, tongue, and upper extremity tingling and worsening neck pain. These symptoms were deemed to be secondary to leptomeningeal disease that was identified radiologically in the right hemisphere, predominantly in the right parietal lobe, recognizing that nonradiologically apparent disease was likely present in other areas
- Multiple brain metastases had also increased. The total volume of radiologically significant intracranial metastases was 20.1 cm<sup>3</sup>
- Patient declined lumbar puncture; a brain biopsy to potentially determine the mechanism of resistance to agerafenib (RXDX-105) was not deemed safe. Extracranial imaging again showed no evidence of disease

### Case Presentation – Dr Drilon: 33-year-old woman (cont)

- Given that the patient was highly symptomatic with progressive symptoms, a single-patient use protocol of selpercatinib was approved by the FDA and institutional review board
- Imaging assessments were performed every 8 weeks
- A clinical response to therapy was achieved within the first week of therapy, with improvement and subsequent resolution of the patient's neurologic symptoms. This was accompanied by a confirmed radiologic response to therapy.
- A partial response in the brain was achieved at follow-up imaging assessment at 16 weeks and confirmed by subsequent imaging
- In addition, selpercatinib therapy achieved complete resolution of leptomeningeal enhancement.
   Volumetric assessment revealed a continued decrease in the total volume of significant intracranial disease, with a maximal shrinkage of 65% at 5 months
- The patient continues to receive selpercatinib at 10.8 months, with ongoing radiologic disease control and no neurologic symptoms. She reports only grade 1 fatigue. There continues to be no evidence of extracranial disease

For a patient with metastatic nonsquamous NSCLC with a RET rearrangement and a TPS of 10%, in what line of therapy should targeted treatment (eg, selpercatinib, pralsetinib) be used?

- a. First line
- b. Second line
- c. Third line
- d. Fourth line and beyond

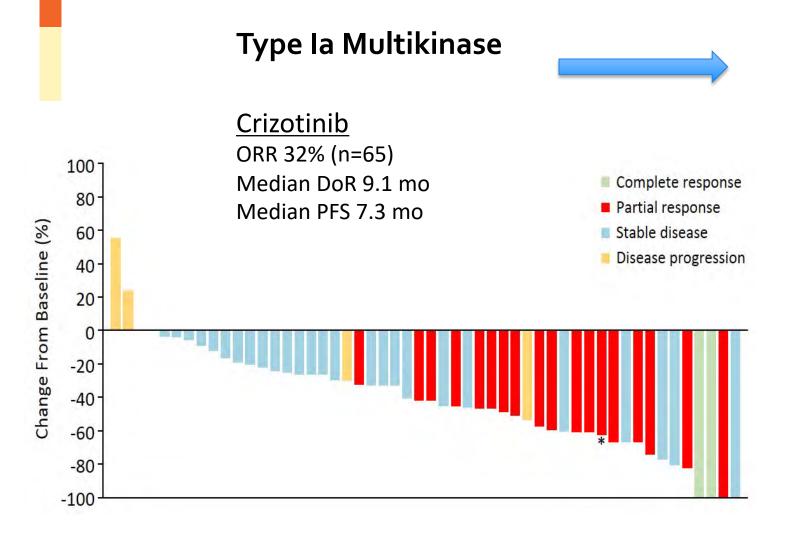
### **Challenging Questions and Cases**



#### **MODULE 4: Targeting MET in MET Exon 14-Altered Disease**

- Key Relevant Data Sets
- Faculty Case Dr Drilon
  - 72-year-old woman with adenocarcinoma of the lung and a MET exon 14 alteration

### Targeting MET in MET exon 14-altered lung cancers



### Type Ib Selective and More Potent

Capmatinib Tepotinib Savolitinib



### Activity and safety of selective MET inhibitors

	Capmatinib (GEOMETRY)	Tepotinib (VISION)
ORR Overall Treatment naïve Second line	(not reported) 67% (48-84, n=28) 48% (30-67, n=31)	46% (36-57, n=99) 44% (29-60, n=43) 48% (30-66, n=33)
Median PFS Overall Treatment naïve Second line	(not reported) 9.7 months 8.1 months	8.6 months (not reported) (not reported)
Adverse events Peripheral edema	84%	63%

Groen et al ASCO 2020 (second-line), Wolf et al ASCO 2019 (treatment-naïve), Paik et al NEJM 2020

For a patient with metastatic nonsquamous NSCLC with a MET exon 14 skipping mutation and a TPS of 10%, in what line of therapy should targeted treatment (eg, capmatinib, tepotinib) be used?

- a. First line
- b. Second line
- c. Third line
- d. Fourth line and beyond

# Case Presentation – Dr Drilon: 72-year-old woman with adenocarcinoma of the lung and a MET exon 14 alteration

- 72 year-old woman who was diagnosed with a stage 1A T1N0M0 adenocarcinoma 8 years ago (started with an incidental nodule in the LUL on CXR). Recurred in the ipsilateral hilar and mediastinal nodes the next year – treated with concurrent chemoradiation.
- Two years later was found to have new hepatic and abdominal lymph nodes on surveillance imaging. A liver biopsy showed recurrent adenocarcinoma. Carbo/pem x 5 given, but remarkable for substantial fatigue and pancytopenia requiring transfusion. During this time, sequencing returned with a MET exon 14 alteration.
- The patient was treated on PROFILE 1001 with crizotinib. She had a confirmed complete response with therapy that lasts up to today (5 years into therapy). No major tolerability issues except for mild fatigue.

#### **MODULE 5: HER2-Mutant NSCLC**

- Key Relevant Data Sets
- Questions and Cases from Investigators

### Targeted therapy is active in HER2-mutant NSCLC

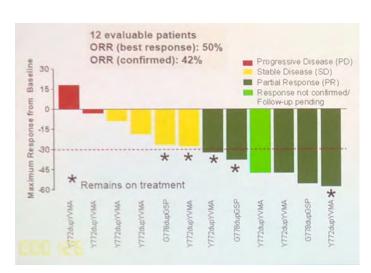
Antibody

### HER2 TKIs

Afatinib, Neratinib, **Dacomitinib, Lapatinib:** ORR 0-13%

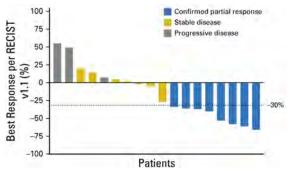
Poziotinib: ORR 42%

median PFS 5 mo



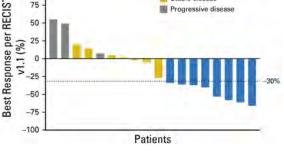
### HER2 ADCs

Ado trastuzumab **Emtansine (T-DM1) ORR 44%** median PFS 5 mo NCCN guidelines



**Trastuzumab** deruxtecan

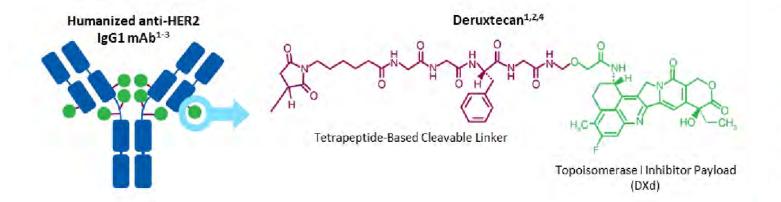
Cytotoxic



### Trastuzumab deruxtecan: DESTINY-Lungo1 phase 2 study

#### T-DXd is an ADC with 3 components:

- A humanized anti-HER2 IgG1 mAb with the same amino acid sequence as trastuzumab
- A topoisomerase I inhibitor payload, an exatecan derivative
- A tetrapeptide-based cleavable linker



	Patients (N = 42)
Age, median (range), years	63.0 (34-83)
< 65 years, %	59.5
Female, %	64.3
Region, % Asia / North America / Europe	35.7 / 31.0 / 33.3
ECOG performance status 0 / 1, %	23.8 / 76.2
HER2 mutation, %	
Kinase domain	90.5
Extracellular domain	4.8
Not reported	4.8
Presence of CNS metastases, %	45.2

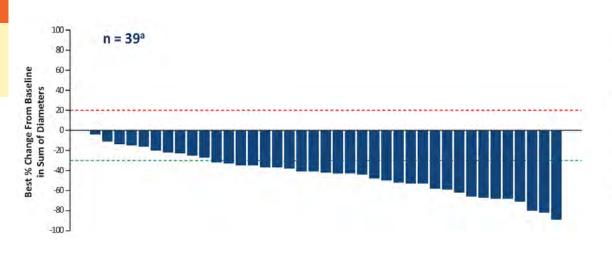
#### Median prior lines of treatment: 2 (range, 1-6)

Prior Treatment, %	Patients (N = 42)
Platinum-based therapy	90.5
Anti-PD-1 or -PD-L1 inhibitor	54.8
Docetaxel	19.0
Docetaxei	19.0

3 patients received prior poziotinib, 2 received afatinib, and 1 received mobocertinib



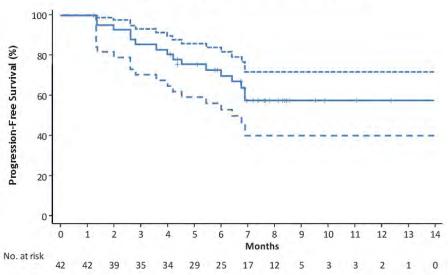
#### Trastuzumab deruxtecan is active in HER2-mutant NSCLCs



	Patients (N = 42)
Confirmed ORR by ICR	<b>61.9% (n = 26)</b> (95% CI, 45.6%-76.4%)
CR	2.4% (n = 1)
PR	59.5% (n = 25)
SD	28.6% (n = 12)
PD	4.8% (n = 2)
Not evaluable	4.8% (n = 2)
Disease control rate	90.5% (95% CI, 77.4%-97.3%)
Duration of response, median	Not reached (95% CI, 5.3 months-NE)
PFS, median	14.0 mo (95% CI, 6.4-14.0 months)

#### Progression-Free Survival (N = 42)<sup>a</sup>





Most common AEs: nausea (>70%), alopecia/anemia/neutropenia (>40%)

			All Pa	atients (N =	42)	
n (%)	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Any Grade/ Total
Interstitial lung disease	O <sup>a</sup>	5 (11.9)	0	0	0	5 (11.9)

- Median time to onset of investigator-reported ILD was at 86 days (range, 41-255 days)
- · 4 patients had drug withdrawn and 1 had drug interrupted
- · All patients received steroid treatment
- · 2 patients recovered, 1 recovered with sequelae, 1 was recovering, and 1 had not recovered by data-cutoff
- · No grade 5 ILD was observed in this cohort

Courtesy of Alexander E Drilon, MD



Memorial Sloan Kettering **Cancer Center** 

# Regulatory and reimbursement issues aside, what would be your preferred first-line treatment for a patient with metastatic nonsquamous NSCLC with a HER2 mutation and a TPS of 10%?

- a. Carboplatin/pemetrexed/pembrolizumab
- b. Atezolizumab/carboplatin/nab paclitaxel
- c. Atezolizumab/carboplatin/paclitaxel
- d. Ipilimumab/nivolumab
- e. Trastuzumab deruxtecan
- f. T-DM1
- g. Neratinib
- h. Other

### **Challenging Questions and Cases**



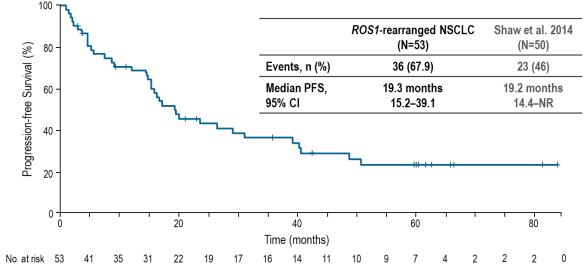


#### **MODULE 6: Management of ROS1 Rearrangements**

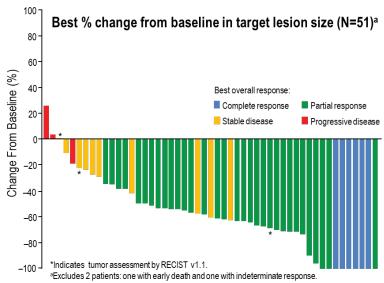
- Key Relevant Data Sets
- Questions and Cases from Investigators
- Faculty Case Professor Peters
  - 44-year-old with adenocarcinoma of the lung and a ROS1 rearrangement

#### Focusing on ROS-1: Crizotinib

#### **UPDATED PROGRESSION-FREE SURVIVAL**



#### **UPDATED ANTITUMOR ACTIVITY**



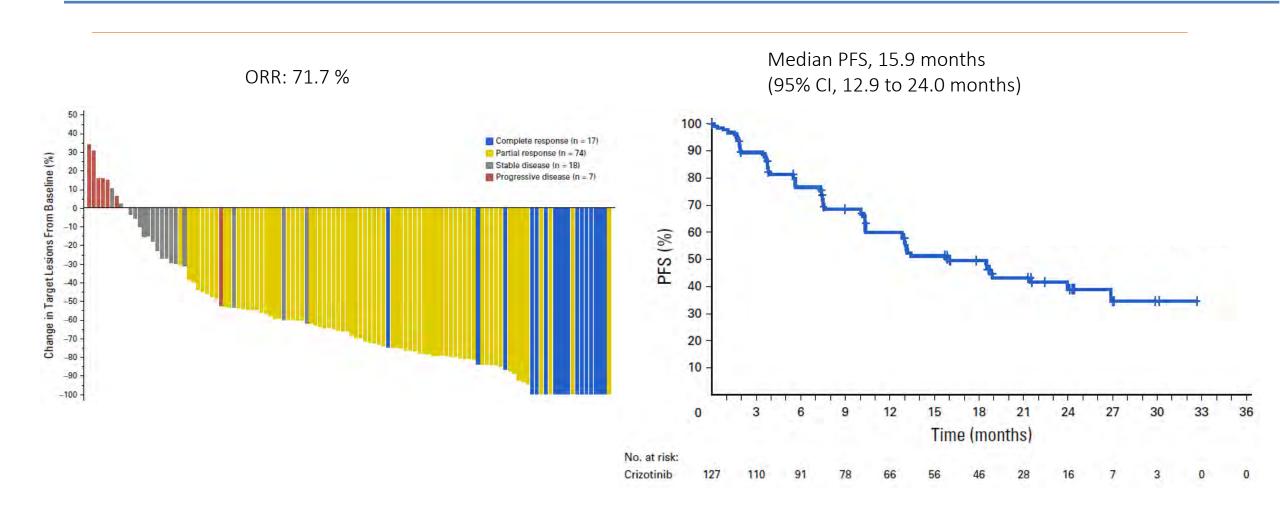
	ROS1-rearranged NSCLC (N=53)	Shaw et al. 2014 (N=50)
BOR, n (%)		
CR	6 (11.3)	3 (6)
PR	32 (60.4)	33 (66)
SD	10 (18.9)	9 (18)
PD	3 (5.7)	3 (6)
NEª	2 (3.8)	2 (4)
ORR, %	71.7	72
95% CI	57.7-83.2	58-84
Median TTR, wks	7.9	7.9
Range	4.3-103.6	4.3-32.0
Median DORb, mos	24.7	17.6
95% CI	15.2–45.3	14.5-NR

<sup>a</sup>Responses could not be evaluated in 2 patients because of early death or indeterminate response.

<sup>b</sup>Estimated using the Kaplan-Meier method.

#### Courtesy of Solange Peters, MD, PhD

#### **Phase II study of Crizotinib in East Asian Patients**



Courtesy of Solange Peters, MD, PhD

#### Lorlatinib multicenter, open-label, single-arm, phase 1–2 trial

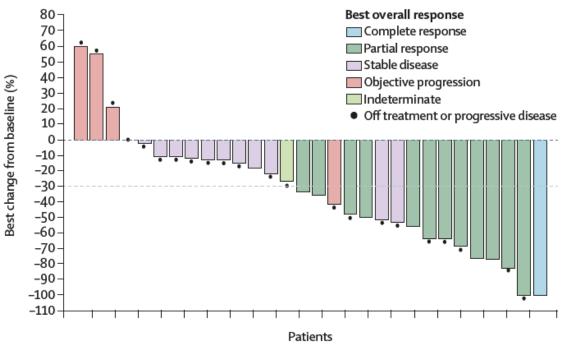
#### ROS1-TKI naïve pts (n=21)

#### Best overall response Complete response 60-Partial response 50-Stable disease 40-Best change from baseline (%) Objective progression 30- Off treatment or progressive disease 20-10--10 -20--30--40--50 -60 -70 -80 -90 -100 -110

ORR, %: 62 (38–82)

mDoR, month: 25.3 (7.5–31.9)

#### Crizotinib pretreated pts (n=40)

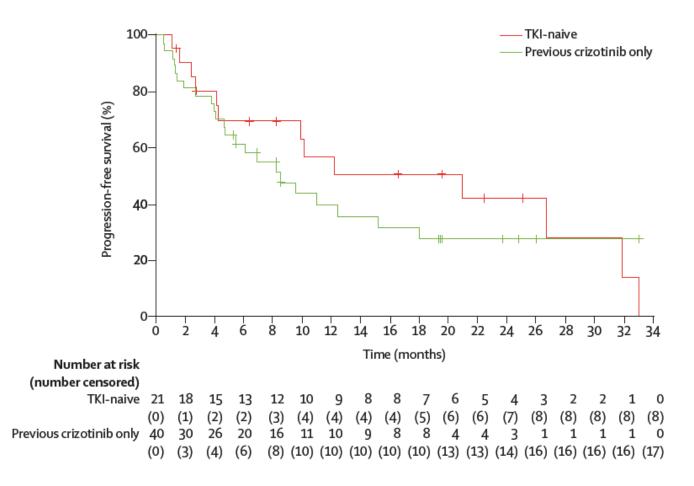


ORR: 35% (21-52)

mDoR, month: 13.8 (9.7–NR)

Shaw et al 2020 Lorlatinib in advanced ROS1-positive non-small-cell lung cancer: a multicentre, open-label, single-arm, phase 1–2 trial Lancet Oncol. 2019 Dec;20(12):1691-1701. doi: 10.1016/S1470-2045(19)30655-2. Epub 2019 Oct 25.

#### **Overall efficacy of Lorlatinib**



	TKI-naïve (n=21)	Prior crizotinib only (n=40)
Events, n (%)	13 (62)	23 (58)
mPFS, months	21.0	8.5
(95% CI)	(4.2–31.9)	(4.7–15.2)

Shaw et al 2020 Lorlatinib in advanced ROS1-positive non-small-cell lung cancer: a multicentre, open-label, single-arm, phase 1–2 trial Lancet Oncol. 2019 Dec;20(12):1691-1701. doi: 10.1016/S1470-2045(19)30655-2. Epub 2019 Oct 25.

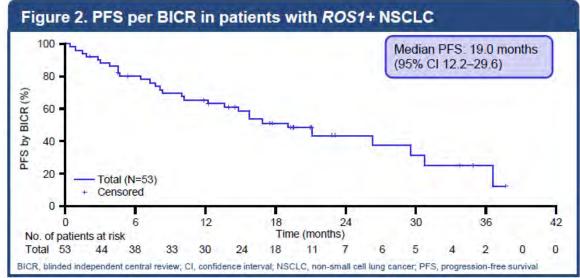
#### **Intracranial efficacy of Lorlatinib**

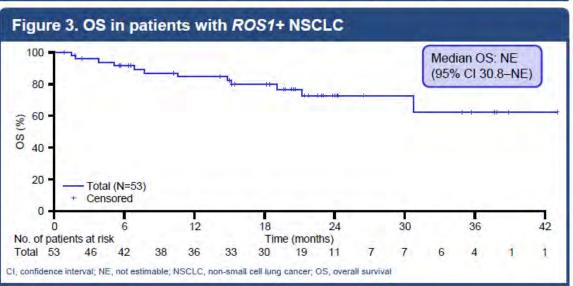
CNS metastases were present at baseline in 39 (57%) of 69 patients; 19 (49%) of whom had received previous brain-directed radiotherapy

	TKI-naïve	Prior crizotinib only	
INTRACRANIAL	CNS metastases were measurable and non-measura		
No. of patients with baseline CNS metastases	11	24	
Best overall intracranial response, n			
Complete response	5 (45%)	9 (38)	
Partial response	2 (18%)	3 (13)	
Stable disease	2 (18%)	6 (25)	
Objective progression	2 (18%)	2 (8)	
Indeterminate	0	4 (17)	
Confirmed intracranial ORR, n	7 (64%)	12 (50)	
95% CI	31–89	29–71	
Duration of intracranial response, months			
Median (95% CI)	NR (5.7-NR)	NR (11.0-NR)	

 6 TKI-naïve patients had measurable BL CNS metastases and 4 (67%) achieved intracranial responses

### Integrated analysis of STARTRK-2, STARTRK-1 and ALKA-372-001: Entrectinib in ROS1-fusion positive NSCLC (TKI-naive)





Responders, n (%)	ROS1+ NSCLC (n=53)		
ORR, % (95% CI)	79.2 (65.9–89.2)		
Complete response	5 (9.4)		
Partial response	37 (69.8)		
Stable disease	1 (1.9)		
Progressive disease	4 (7.5)		
Non complete/partial response	2 (3.8)		
Missing/unevaluable	4 (7.5)		

Responders, n (%)	ROS1+ NSCLC with baseline CNS disease (n=20)
ORR, % (95% CI)	55.0 (31.5–76.9)
Complete response	4 (20.0)
Partial response	7 (35.0)
Stable disease	0
Progressive disease	3 (15.0)
Non complete/partial response	4 (20.0)
Missing/unevaluable	2 (10.0)

#### **Entrectinib in ROS1-fusion positive NSCLC (TKI-naive)**

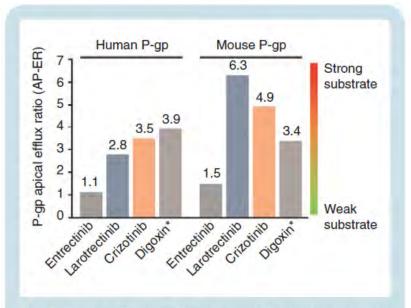


Fig. 2 In vitro P-gp AP-ER of entrectinib, larotrectinib, and crizotinib in LLC-PK1 cells stably transfected with human or mouse P-gp. Graphical representation of AP-ER (see Table 1) for entrectinib, larotrectinib, and crizotinib in human and mouse P-gp models. Based on this novel AP-ER model, entrectinib was shown to be a weak P-gp substrate, whereas larotrectinib and crizotinib were strong P-gp substrates. \*Digoxin is an in vitro benchmark P-gp substrate, used as a control for the assay. AP-ER was calculated from  $P_{app}^{A \to B}$  and  $P_{app,inh}^{A \to B}$  (Equation 3). AP-ER, apical efflux ratio; P-gp, P-glycoprotein.

Table 2 Mean concentrations (n = 4) of entrectinib, crizotinib and larotrectinib in plasma, CSF and brain from rats after single i.v. bolus followed by i.v. infusion

Entrectinib		Crizotinib		Larotrectinib	
5 h	6 h	5 h	6 h	4 h	5 h
1260 ± 430	1400 ± 109	477 ± 53.7	489 ± 47.9	330 ± 46.3	332 ± 82.2
140 (109-430	0)	12 (47.9–53.7	7)	2 (46.3-82.2)	
567 ± 71.2	843 ± 186	390 ± 12.1	477 ± 131	21.4 ± 3.74	$23.0 \pm 5.60$
276 (71.2-18	6)	87 (12.1-131	1).	1.6 (3.74–5.60	0)
$0.99 \pm 0.2$	$0.81 \pm 0.2$	$1.1 \pm 0.36$	$0.78 \pm 0.18$	$3.16 \pm 0.76$	$3.56 \pm 0.87$
4.0	4.5	27	28	115	116
0.28	0.42	0.94	1.1	9.9	11
0.25	0.18 <sup>c</sup>	0.041	0.028 <sup>d</sup>	0.027	0.031⁰
	5 h  1260 ± 430  140 (109–430  567 ± 71.2  276 (71.2–18  0.99 ± 0.2  4.0  0.28	5 h 6 h  1260 ± 430 1400 ± 109  140 (109–430)  567 ± 71.2 843 ± 186  276 (71.2–186)  0.99 ± 0.2 0.81 ± 0.2  4.0 4.5  0.28 0.42	5 h6 h5 h $1260 \pm 430$ $1400 \pm 109$ $477 \pm 53.7$ $140 (109-430)$ $12 (47.9-53.7)$ $567 \pm 71.2$ $843 \pm 186$ $390 \pm 12.1$ $276 (71.2-186)$ $87 (12.1-131)$ $0.99 \pm 0.2$ $0.81 \pm 0.2$ $1.1 \pm 0.36$ $4.0$ $4.5$ $27$ $0.28$ $0.42$ $0.94$	5 h6 h5 h6 h $1260 \pm 430$ $1400 \pm 109$ $477 \pm 53.7$ $489 \pm 47.9$ $140 (109-430)$ $12 (47.9-53.7)$ $567 \pm 71.2$ $843 \pm 186$ $390 \pm 12.1$ $477 \pm 131$ $276 (71.2-186)$ $87 (12.1-131)$ $0.99 \pm 0.2$ $0.81 \pm 0.2$ $1.1 \pm 0.36$ $0.78 \pm 0.18$ $4.0$ $4.5$ $27$ $28$ $0.28$ $0.42$ $0.94$ $1.1$	5 h       6 h       5 h       6 h       4 h $1260 \pm 430$ $1400 \pm 109$ $477 \pm 53.7$ $489 \pm 47.9$ $330 \pm 46.3$ $140 (109-430)$ $12 (47.9-53.7)$ $2 (46.3-82.2)$ $567 \pm 71.2$ $843 \pm 186$ $390 \pm 12.1$ $477 \pm 131$ $21.4 \pm 3.74$ $276 (71.2-186)$ $87 (12.1-131)$ $1.6 (3.74-5.60)$ $0.99 \pm 0.2$ $0.81 \pm 0.2$ $1.1 \pm 0.36$ $0.78 \pm 0.18$ $3.16 \pm 0.76$ $4.0$ $4.5$ $27$ $28$ $115$ $0.28$ $0.42$ $0.94$ $1.1$ $9.9$

 $<sup>{}^{</sup>a}C_{u,p}$  value initially calculated as product of mean plasma concentration by plasma  $F_{u}$ , and later determined using equilibrium dialysis in vitro.

bC, value was initially calculated as the product of mean brain concentration by brain F, and later determined using kinetic LIMBA.

<sup>°</sup>SS not reached after 6 hours.

dNear SS after 6 hours.

eNear SS after 5 hours.

 $<sup>\</sup>delta$ , difference in concentrations between two different time points; CSF, cerebrospinal fluid;  $C_{u,b}$ , unbound drug concentration in brain;  $C_{u,p'}$  unbound drug concentration in plasma;  $F_{u'}$  unbound fraction; i.v., intravenous; LIMBA, lipid membrane binding assay; SD, standard deviation; SS, steady state.

#### Resistance on Crizotinib and ROS1 inhibitor in clinical trials

The activity of ROS1 inhibitors\* against known crizotinib-resistant ROS1 mutations

	Gatekeeper	αC helix		Solvent front	
	L2026M	S1986Y/F	G2032R	D2033N	L1951R
Crizotinib	No	No	No	No	No
Ceritinib	Yes	No	No	No	No
Brigatinib	Yes	Unknown	No	No	No
Lorlatinib	Yes	Yes	Yes/No	Yes	Unknown
Entrectinib	No	Unknown	No	Unknown	Unknown
Repotrectinib	Yes	Unknown	Yes	Yes	Unknown
Cabozantinib	Yes	Unknown	Yes	Yes	Yes

This table is based on the available preclinical data, not all of which have been validated in the clinic. Of note, preclinical data for the activity of lorlatinib against G2032R has been mixed (and thus indicated as 'Yes/No'); clinical activity remains to be determined

<sup>\*</sup> Ceritinib, Brigatinib, Lorlatinib, Repotrectinib, and Cabozantinib are not approved for ROS1+NSCLC by any health authority and Entrectinib is only FDA approved.

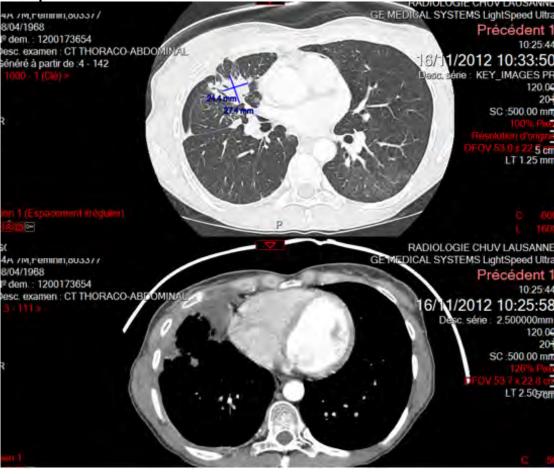
### **Challenging Questions and Cases**



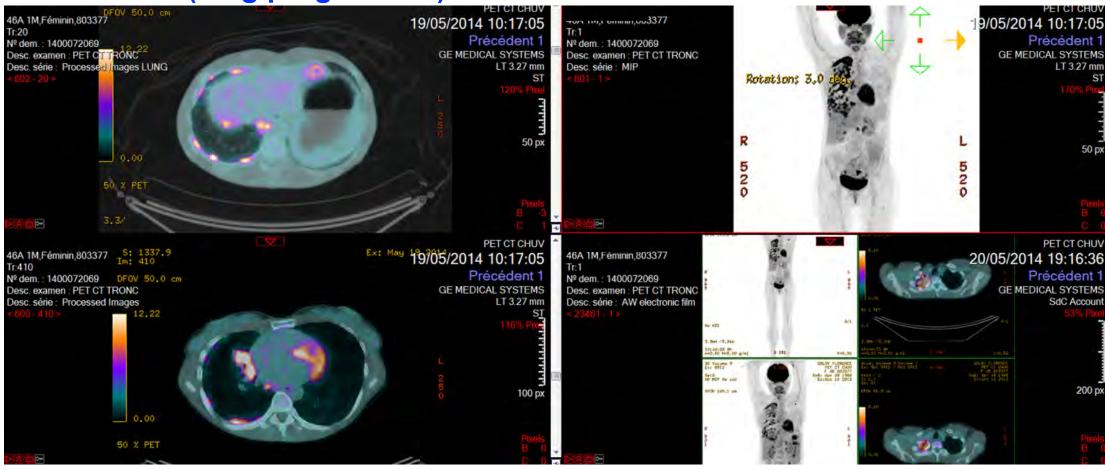
- 44 years old. Never smoker
- 08.2012: 1<sup>st</sup> diagnosis of stage IV right lung adenocarcinoma
- cT3 cN2 cM1b (pleural metastases and abdominal lymph nodes), 7<sup>th</sup> edition TNM
- Bronchoscopy and EBUS: No EGFR/HER2/KRAS mutations, no ALK rearrangement



- 08.2012 to 2014: 1<sup>st</sup> line chemotherapy: 4 cycles of carboplatin/ pemetrexed-bevacizumab followed by 23 cycles of maintenance with
- Pemetrexed/bevacizumab
- PR as best response

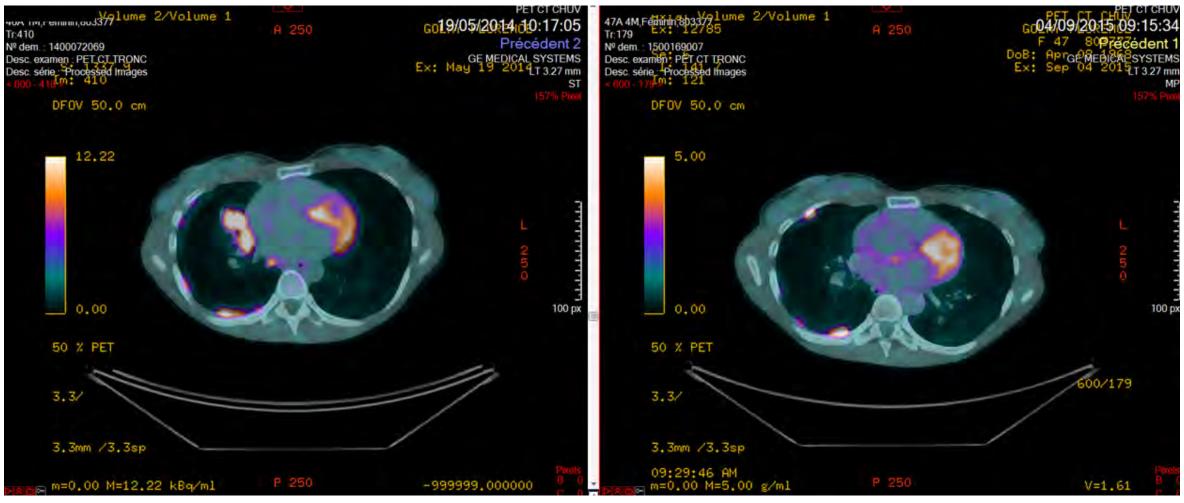


05.2014: PD (lung progression)

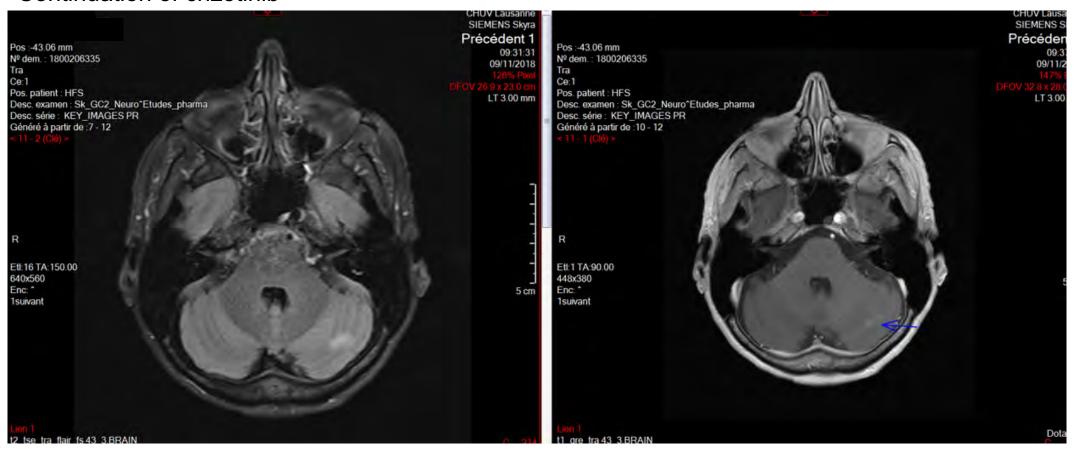


<sup>✓</sup> ROS-1 rearrangement diagnosed by IHC (testing still in development then) confirmed by RT-PCR.

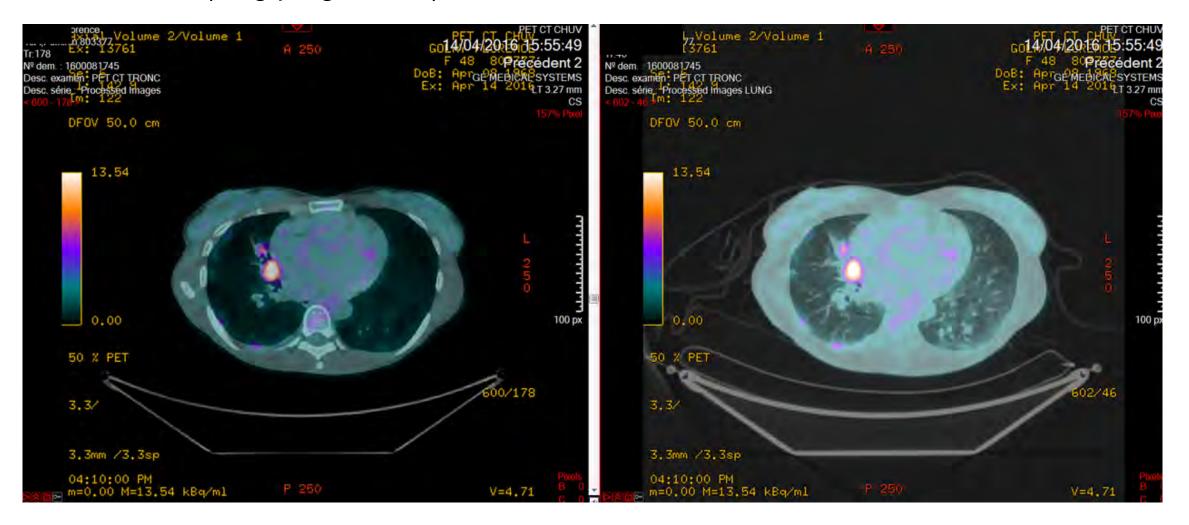
- 06.2014 to 05.2016: 2<sup>nd</sup> line with crizotinib 250 mg bid
- PR as best response



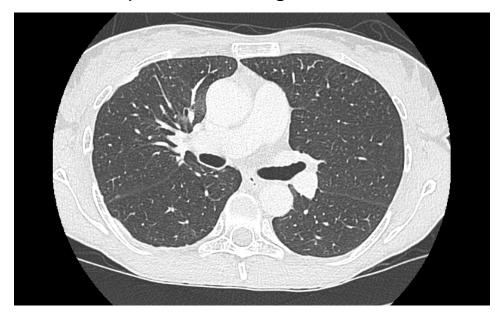
10.2015: CNS progression: SBRT Continuation of crizotinib



04.2016: PD (lung progression)



- Since 08.2016: 3<sup>rd</sup> line lorlatinib and CR (best response)
  - Some mood changes (anxiety) and weight gain, severe hypercholesterolemia (grade 3)
  - Dose lowered to 75 mg/d
  - Improvement to grade 1





June 2020

### **MODULE 7: Other Targetable Genetic Abnormalities**

Key Relevant Data Sets

### TRK inhibitors are active in TRK fusion-positive cancers

#### Larotrectinib

**ORR 79%** 

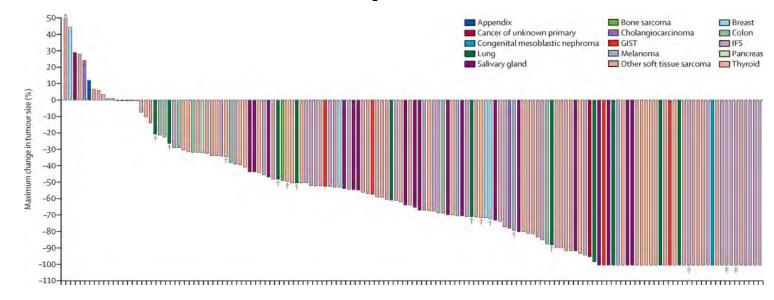
(95% CI 72-85%, n=159)
Median DoR 35.2 months
Median PFS 28.3 months

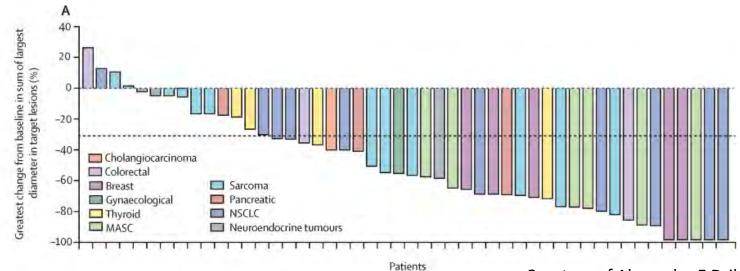
#### Entrectinib

**ORR 57%** 

(95% CI 43-71%, n=54)

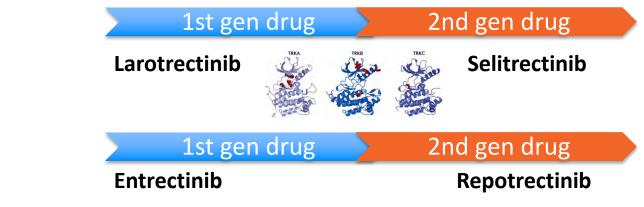
Median DoR 10 months
Median PFS 11 months





Courtesy of Alexander E Drilon, MD Memorial Sloan Kettering Cancer Center

# Second-generation TRK inhibitors can address on-target resistance



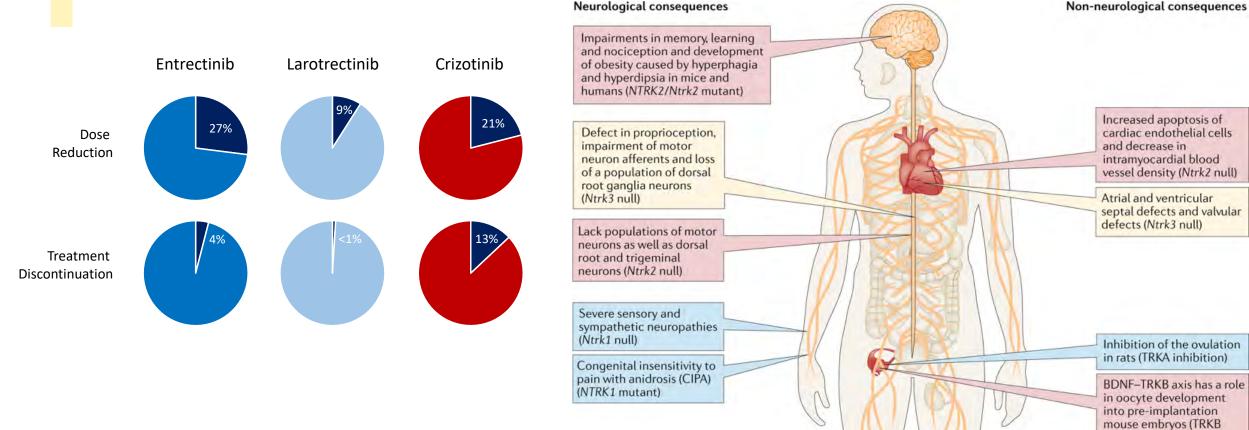




Courtesy of Alexander E Drilon, MD



# TRK inhibitors have favorable overall safety profiles and occasional unique adverse events



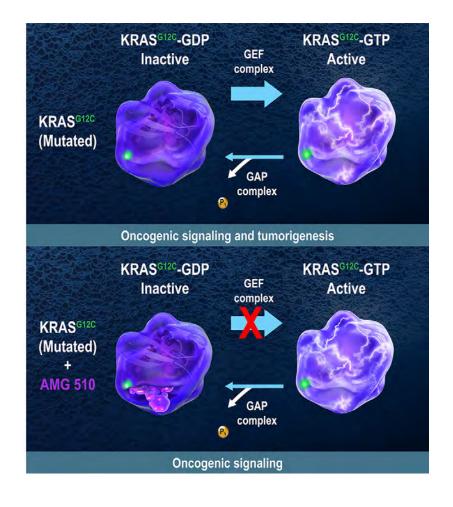
inhibition)

NTRK3 (TRKC)

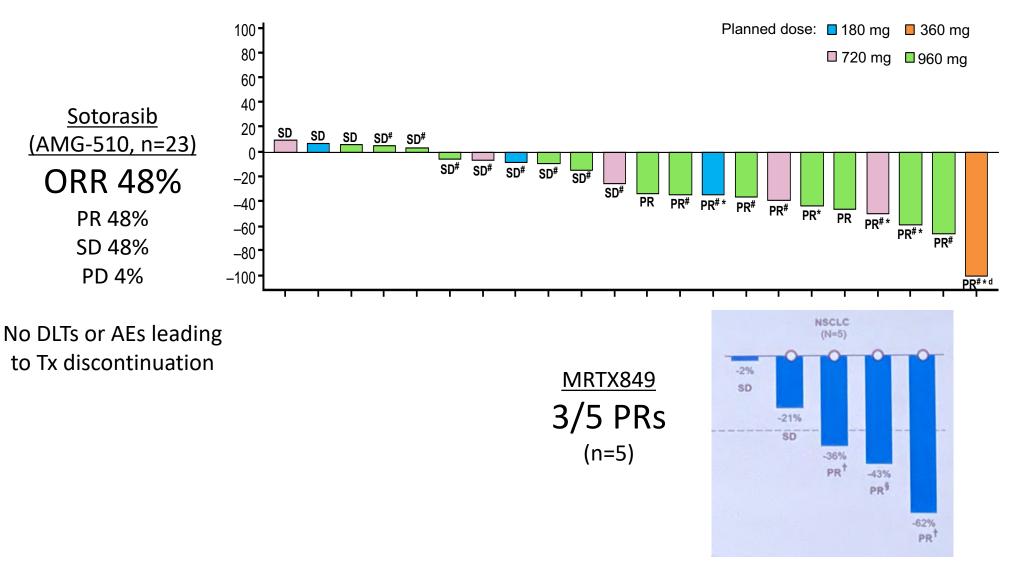
NTRK2 (TRKB)

NTRK1 (TRKA)

#### Mutant-selective direct inhibitors: KRAS G12C-mutant NSCLC



#### Mutant-selective direct inhibitors: KRAS G12C-mutant NSCLC





# Clinical Investigator Perspectives on the Current and Future Management of Multiple Myeloma A Meet The Professor Series

Thursday, July 16, 2020 8:00 AM – 9:00 AM ET

Sagar Lonial, MD

Chair and Professor

Department of Hematology and Medical Oncology

Anne and Bernard Gray Family Chair in Cancer

Chief Medical Officer

Winship Cancer Institute

Emory University School of Medicine

Atlanta, Georgia





### Thank you for joining us!

CME and MOC credit information will be emailed to each participant within 5 days.