

CPCNP: enfermedad avanzada con driver

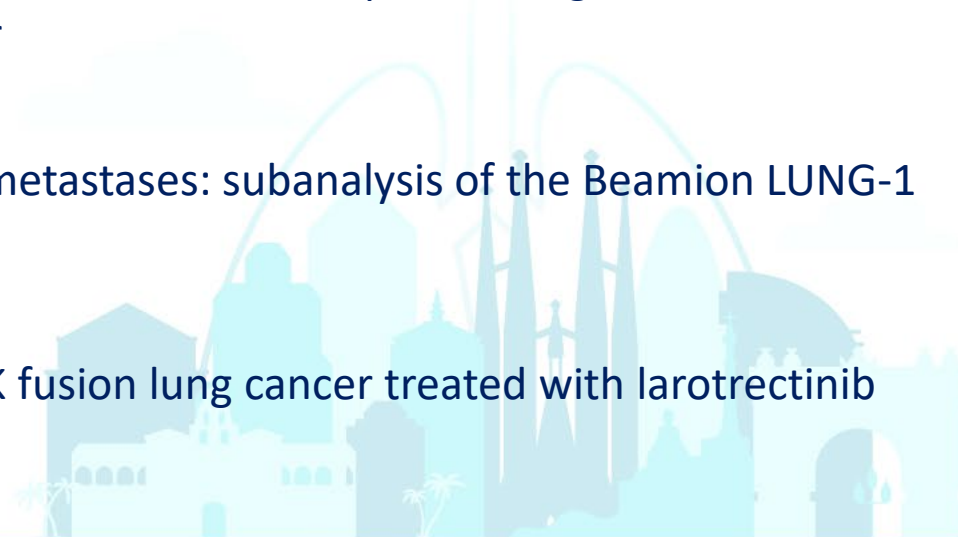
Ivana Sullivan, MD, PhD

Instituto Oncológico Dr. Rosell



AGENDA

- *BRAF*:
 - Encorafenib plus binimetinib in patients with previously untreated *BRAF* V600E-mutant advanced NSCLC: an open-label, multicenter phase 2 trial (IFCT-1904 ENCO-BRAF)
 - Updated efficacy and safety from the phase 2 PHAROS study of encorafenib + binimetinib in patients with *BRAF* V600E-mutant metastatic NSCLC (mNSCLC)
- *KRAS*:
 - Efficacy and safety of olomorasib with pembrolizumab + chemo as first-line treatment in patients with *KRAS* G12C mutant advanced NSCLC
 - Divarasib long-term follow-up and atezolizumab combination treatment in patients with *KRAS* G12C-positive NSCLC
 - Preliminary safety and clinical activity of ASP3082, a first-in-class, *KRAS* G12D selective protein degrader in adults with advanced pancreatic, colorectal, and non-small cell lung cancer
- *HER2*:
 - Zongertinib (BI 1810631) for *HER2*-positive solid tumors with brain metastases: subanalysis of the Beamion LUNG-1 trial
- *NTRK*:
 - Updated efficacy, safety, and biomarker analysis in patients with TRK fusion lung cancer treated with larotrectinib

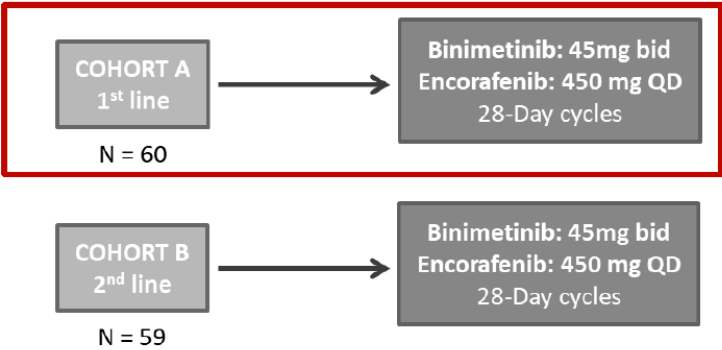


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Patients with BRAF-V600E-mutant metastatic NSCLC

- Key inclusion criteria
- ≥ 18 years
 - WHO performance status 0-1
 - BRAF V600E mutation (enrolment by local assay)
 - No prior anti-BRAF cancer therapy
 - Stable CNS metastases allowed
 - 1st or 2nd line



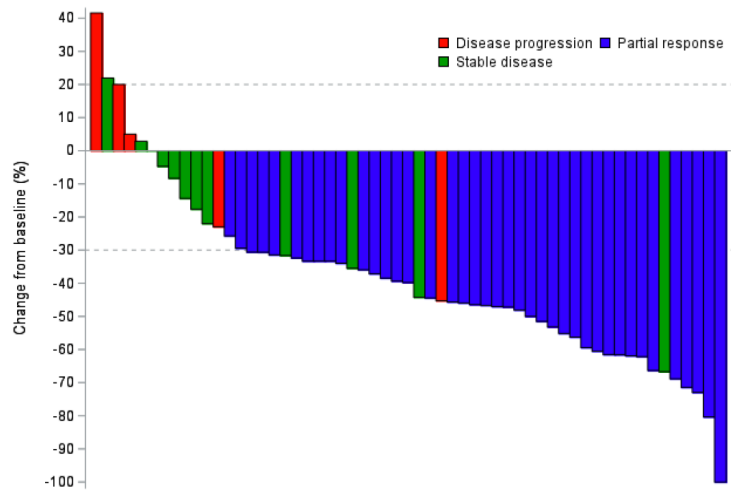
Cohort A: 1st line Encorafenib plus Binimetinib

The primary endpoint: confirmed ORR according to the investigator evaluation RECIST (v1.1) every 8 weeks (for 12months then every 12 weeks)

Secondary endpoints include PFS, DOR, DCR, OS and safety.

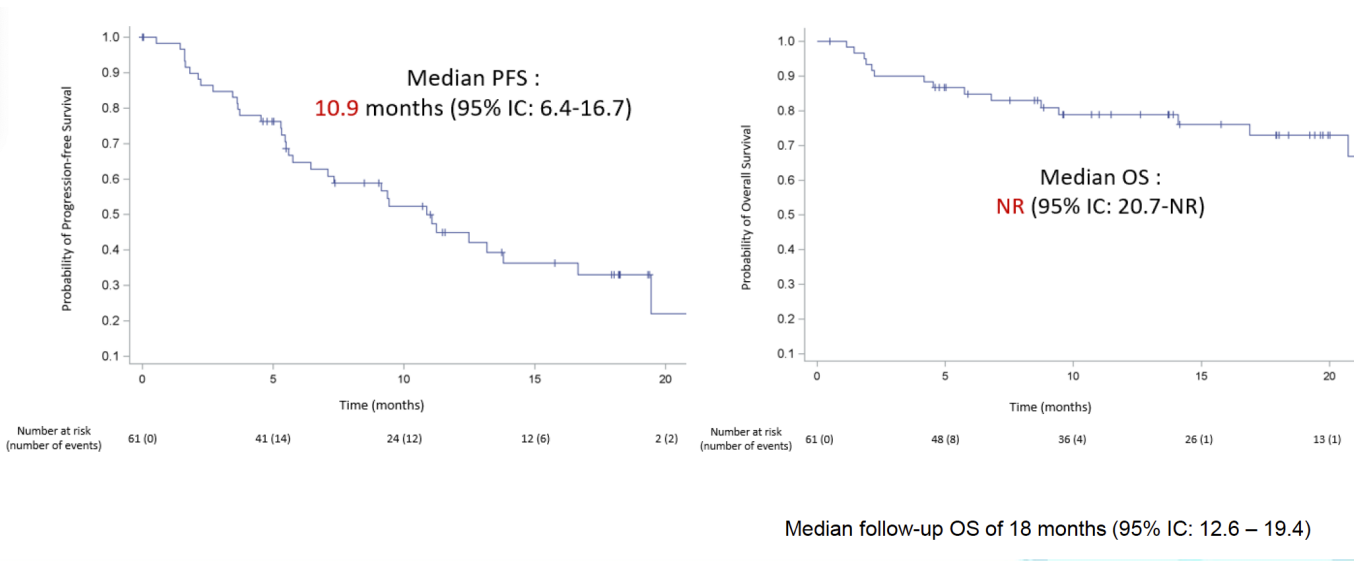
		Cohort A (N=64), n (%)
Age	median [range]	70.7 [39.1-90.3]
	≥ 65 years	42 (65.6)
Sex	Female	34 (53.1)
	Male	30 (46.9)
Histological type	Adenocarcinoma	63 (98.4)
PD-L1 (TPS)	≥ 50%	32 (50.0)
	≥ 1% and < 50%	17 (26.6)
	< 1%	13 (20.3)
	Not done	2 (3.1)
Smoking history	Never	23 (35.9)
	Former	33 (51.6)
	Current	8 (12.5)
ECOG, PS	0	28 (43.8)
	1	36 (56.3)
Stage	IV-A	33 (51.6)
	IV-B	31 (48.4)
Brain metastasis	Yes	11 (17.2)



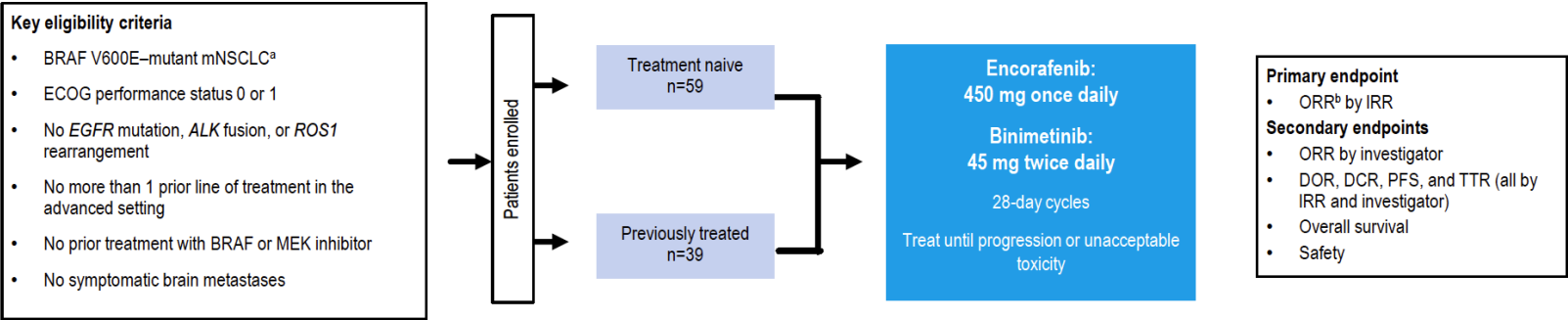


	Cohorte A (n=61)
Overall response confirmed, n (%) [95% CI]	40 (65.6%) [53.7% - 77.5%]
Partial response, n (%)	40 (65.6%)
Stable disease, n (%)	12 (19.7%)
Progressive disease, n (%)	5 (8.2%)
Not evaluable*, n (%)	4 (6.6%)
DOR, median [95% CI], months	13 months [9.1-NR]
DCR, % [95% CI] * 4 patients were not evaluable	85.2% [76.3% - 94.1%]

Investigator-assessed PFS and OS



Phase II - ENCORAFENIB + BINIMETINIB IN BRAFm NSCLC - Gregory Riely et al.

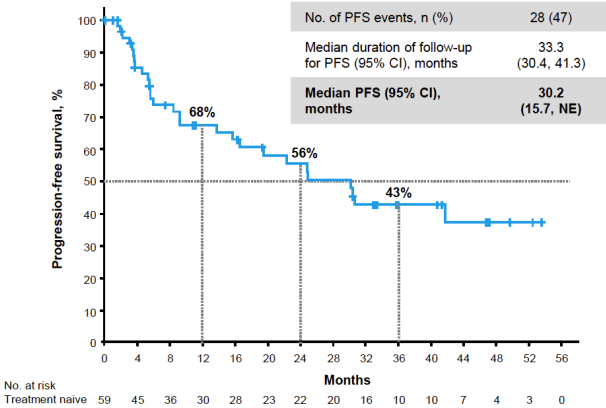


Phase II - ENCORAFENIB + BINIMETINIB IN BRAFm NSCLC - Gregory Riely et al.

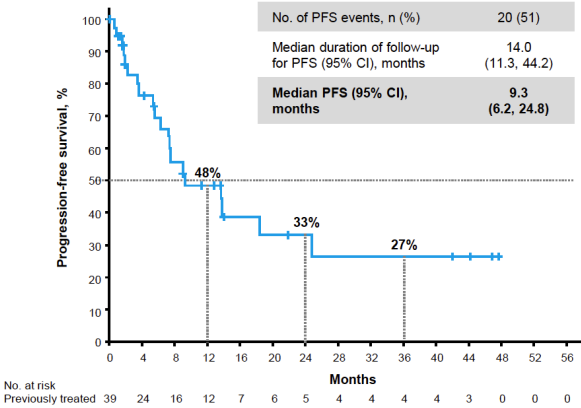
	Primary analysis (data cutoff: Sep 22, 2022) ¹		Current analysis (data cutoff: Apr 1, 2024)	
	Treatment naïve	Previously treated	Treatment naïve	Previously treated
Objective response rate (95% CI), % ^a	75 (62, 85)	46 (30, 63)	75 (62, 85)	46 (30, 63)
Complete response	9 (15)	4 (10)	9 (15)	4 (10)
Partial response	35 (59)	14 (36)	35 (59)	14 (36)
Stable disease	10 (17)	13 (33)	10 (17)	13 (33)
Progressive disease	2 (3)	3 (8)	2 (3)	3 (8)
Disease control rate at 24 weeks (95% CI), %	64 (51, 76)	41 (26, 58)	64 (51, 76)	44 (28, 60)
Median time to response (range), months	1.9 (1.1-19.1)	1.7 (1.2-7.3)	1.9 (1.1-19.1)	1.7 (1.2-7.3)
Median duration of response (95% CI), months	NE (23.1, NE)	16.7 (7.4, NE)	40.0 (23.1, NE)	16.7 (7.4, NE)

PFS: 30.2mo

Treatment naïve (n=59)

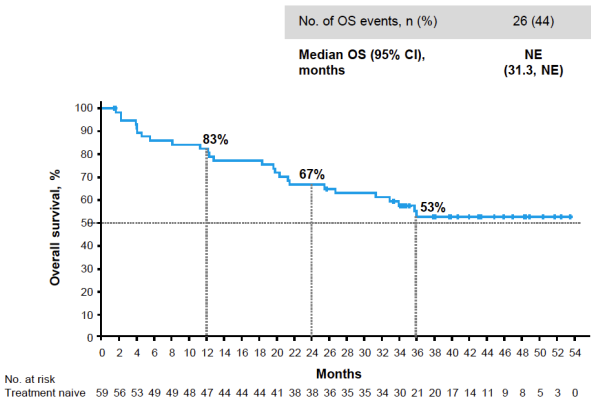


Previously treated (n=39)

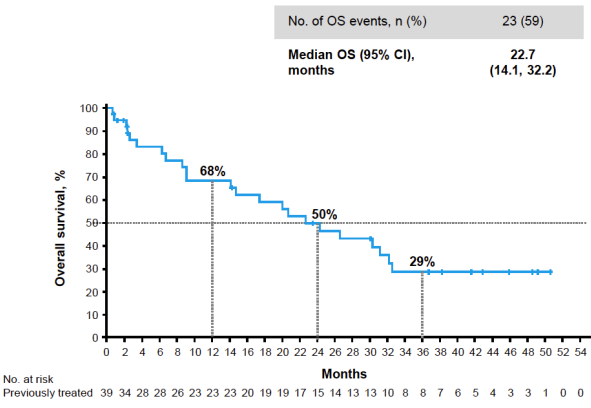


OS: NE

Treatment naïve (n=59)



Previously treated (n=39)



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Cohort B9: NSCLC

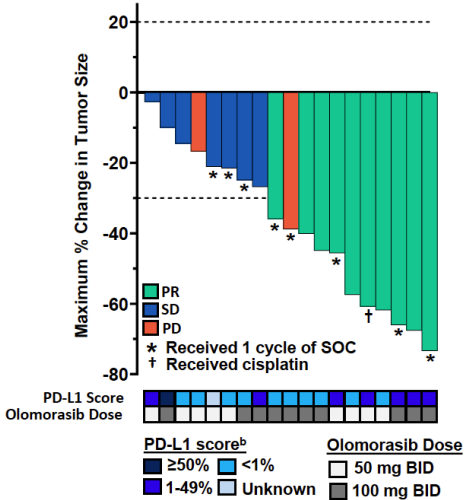
Olomorasib^a + pembrolizumab^b
+ pemetrexed^c + platinum^d
(N=21)^e

Cohort B9 Eligibility

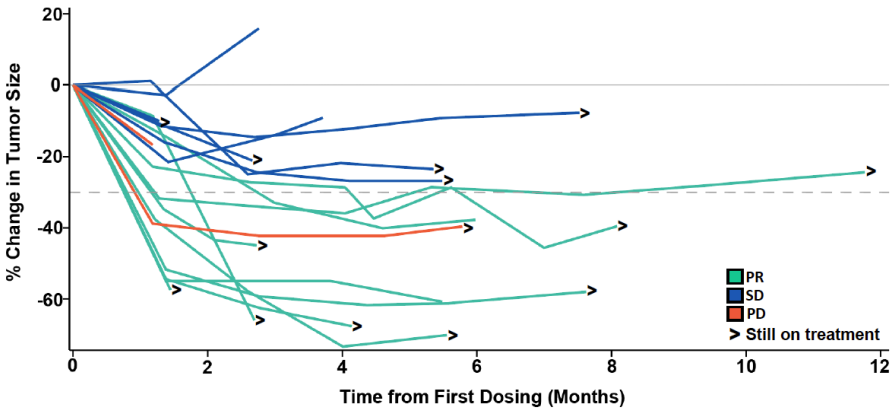
- Treatment naïve for advanced or metastatic NSCLC
- PD-L1 expression 0-100% and KRAS G12C mutation based on local testing
- Allowance of up to one 21-day cycle of any combination of pembrolizumab, pemetrexed, and carboplatin or cisplatin
- Prior adjuvant or neoadjuvant therapy allowed, provided last dose was completed at least 6 months prior to enrollment

Olomorasib 50 mg BID (n=10) and 100 mg BID (n=11) + pembrolizumab + pemetrexed + platinum		
Characteristics		N=21
Age, years	Median (range)	67 (56-81)
Sex, n (%)	Female	10 (48)
	Male	11 (52)
Race, n (%)	White	11 (52)
	Asian	7 (33)
	Not reported	3 (14)
ECOG PS, n (%)	0	9 (43)
	1	12 (57)
PD-L1 score ^a , n (%)	<1%	10 (48)
	1-49%	9 (43)
	≥50%	1 (5)
	Unknown ^b	1 (5)
Brain metastases, n (%)	Yes	7 (33)
	No	14 (67)
Prior curative therapy, n (%)	No	17 (81)
	platinum-based chemotherapy/ anti-PD-(L)1	1 (5)
	platinum-based chemotherapy alone	3 (14)
Received 1 cycle SOC prior to enrollment, n (%)	Yes	9 (43)
	No	12 (57)

Objective Response Rate ^a , % (n/N)	50 (10/20)
Disease Control Rate, % (n/N)	85 (17/20)



•Median duration of therapy was 4.5 months and 76% patients remain on study therapy at time of data-cut



SINGLE AGENT

DOSE ESCALATION

Divarasib oral QD, 21-day cycles

50mg → 100mg → 200mg → 400mg

N=6 N=5 N=10 N=6

NSCLC N=27

Max Admin Dose
MTD not reached

DOSE EXPANSION

Divarasib oral QD, 21-day cycles

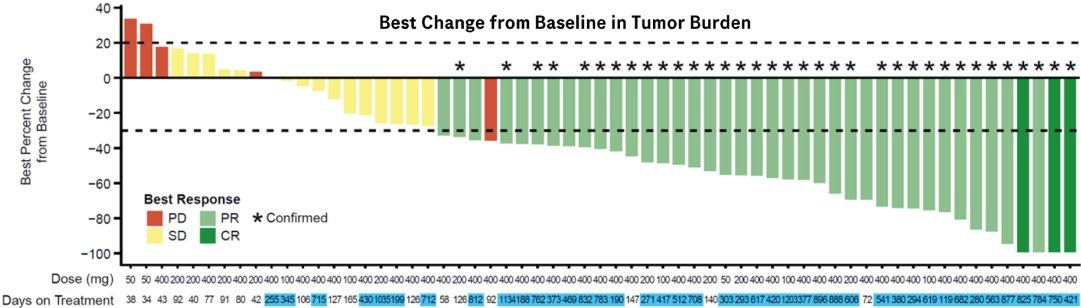
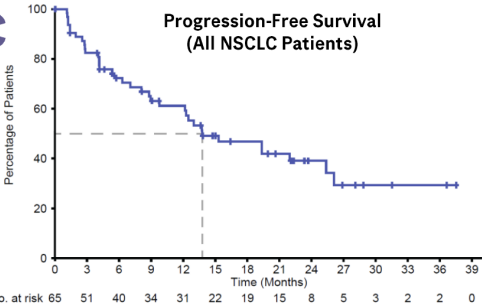
400mg

NSCLC N=38

Antitumor activity:
Single-agent divarasib in NSCLC

	Confirmed ORR	Median DoR**	Median PFS
All NSCLC Patients (N=65)	55.6% (N=63)*	18.0 mo (95% CI 11.1, 24.9)	13.8 mo (95% CI 9.8, 25.4)
400 mg (N=44)	59.1% (N=44)*	14.0 mo (95% CI 11.1, 24.9)	15.3 mo (95% CI 12.3, 26.1)

* Patients with measurable disease; ** Confirmation of response not required



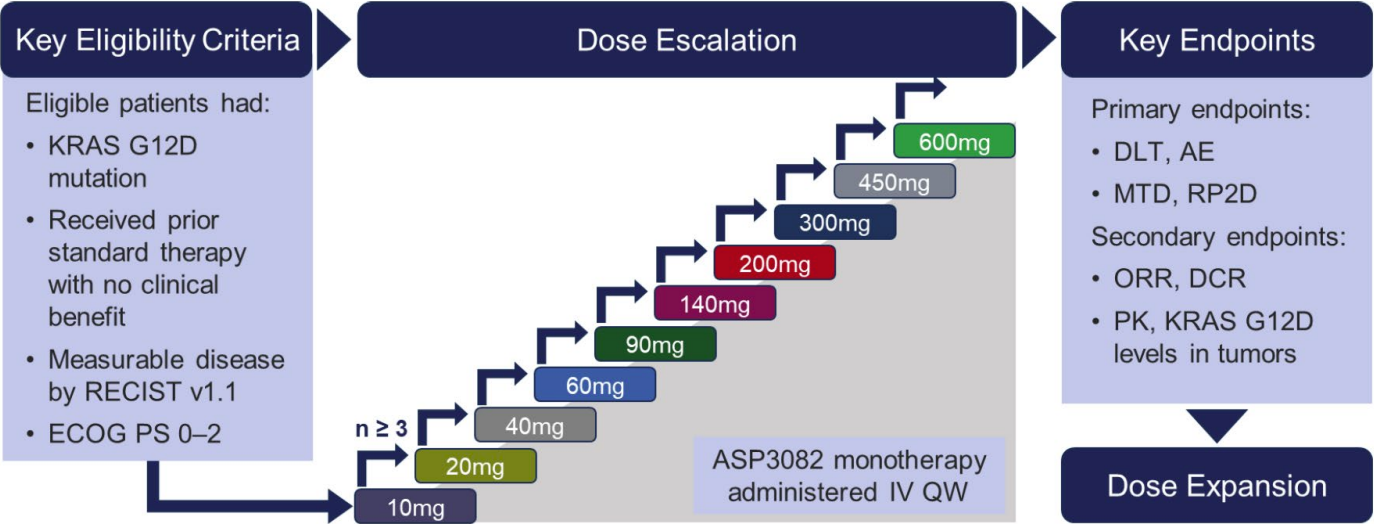
Blue highlight = at least 6 months on treatment

	NSCLC N=65
Age, median (range), years	66 (43-82)
Sex, female	37 (57%)
Race - White	57 (88%)
- Asian	4 (6%)
- Unknown	3 (5%)
- Black or African American	1 (2%)
ECOG, 0 / 1	24 (37%) / 41 (63%)
PD-L1 TPS score (n=53), <1 / (1-49) / ≥50 / NA	18 (28%) / 13 (20%) / 21 (32%) / 1 (1.5%)
Number of prior lines of systemic therapy, median (range)	2 (0-5)
Prior platinum chemotherapy	57 (88%)
Prior PD-1/PD-L1 inhibitor	57 (88%)
Time on treatment, median (range), months	11 (0-40)

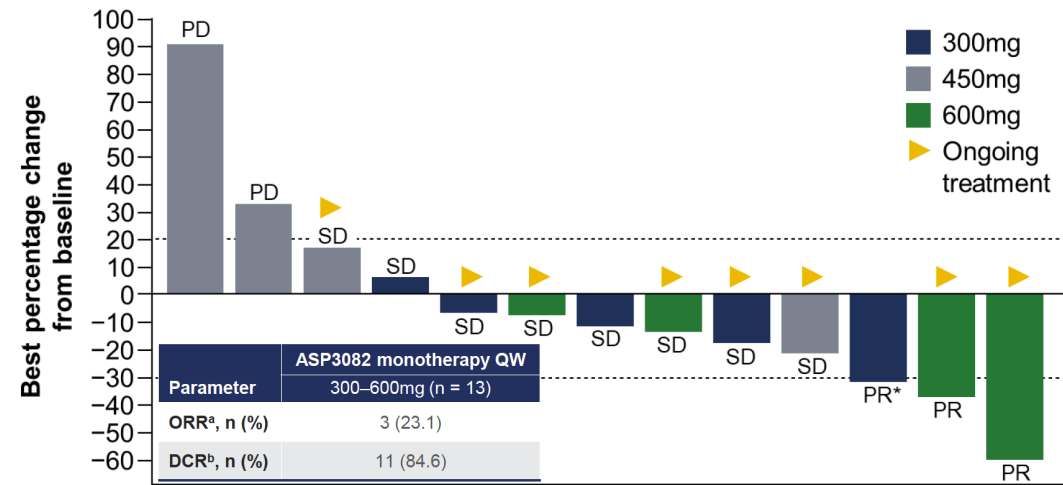
TRAEs OVERALL (≥10% PATIENTS) & CORRESPONDING GRADE 3-5 TRAEs	NSCLC N=65	
	All TRAEs	Grade 3-5 TRAEs
Patients with at least one AE	61 (94%)	11 (17%)
Nausea	51 (79%)	1 (2%)
Vomiting	43 (66%)	0
Diarrhea	40 (62%)	2 (3%)
Fatigue	16 (25%)	1 (2%)
Decreased appetite	15 (23%)	0
Amylase increased	11 (17%)	0
ALT increased	10 (15%)	4 (6%)
Lipase increased	10 (15%)	2 (3%)
AST increased	9 (14%)	3 (5%)

Iniciativa científica de:

Gecp
lung cancer
research



Responses to ASP3082 300–600mg in patients with NSCLC



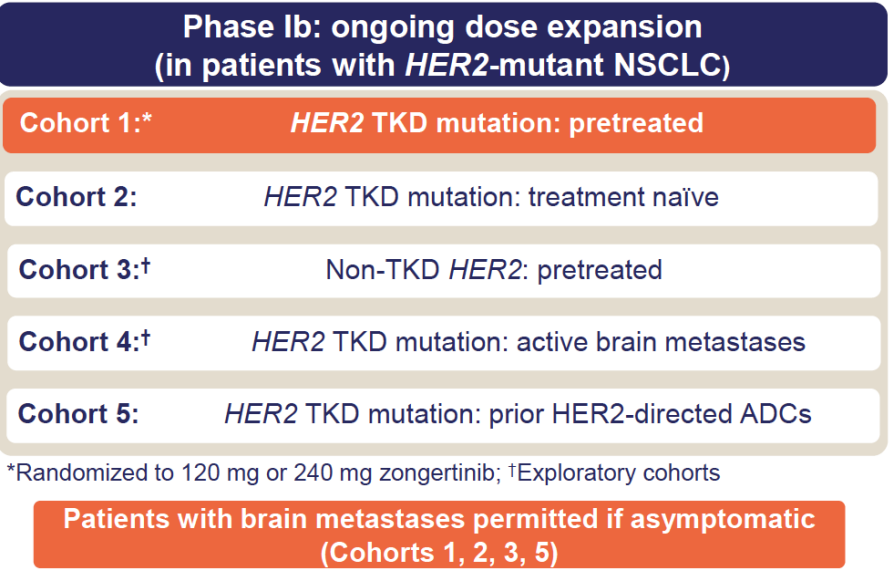
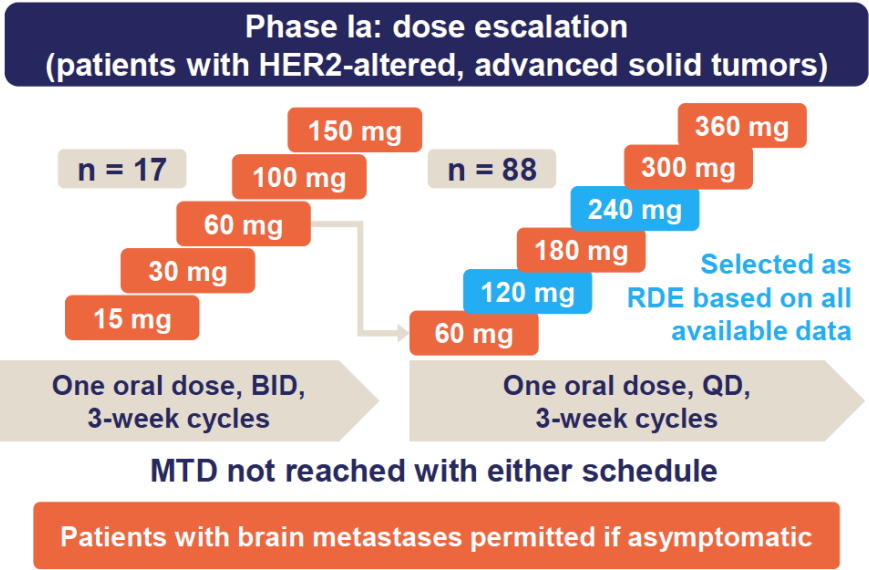
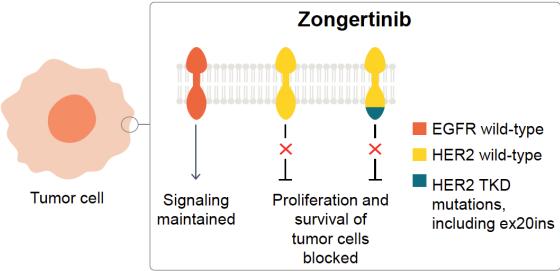
Characteristic, n (%)	ASP3082 monotherapy QW			
	Any grade		Grade 3	
	300–600mg (n = 48)	Overall (N = 111)	300–600mg (n = 48)	Overall (N = 111)
TRAEs	43 (89.6)	83 (74.8)	5 (10.4)	7 (6.3)
TRAEs occurring in ≥ 5% of all patients				
Infusion-related reaction	17 (35.4)	21 (18.9)	0	0
Fatigue	6 (12.5)	20 (18.0)	1 (2.1)	1 (0.9)
Rash ^a	10 (20.8)	13 (11.7)	0	0
Urticaria	9 (18.8)	11 (9.9)	0	0
Nausea	5 (10.4)	10 (9.0)	0	0
Pruritus	6 (12.5)	9 (8.1)	0	0
AST increased	6 (12.5)	8 (7.2)	2 (4.2)	2 (1.8)
Vomiting	3 (6.3)	6 (5.4)	0	0

• No Gr4 or Gr5 TRAEs

- *HER2*:
 - Zongertinib (BI 1810631) for *HER2*-positive solid tumors with brain metastases: subanalysis of the Beamion LUNG-1 trial



Phase I - ZONGERTINIB IN HER2+ TUMORS WITH BRAIN M1 - Frans Opdam et al.

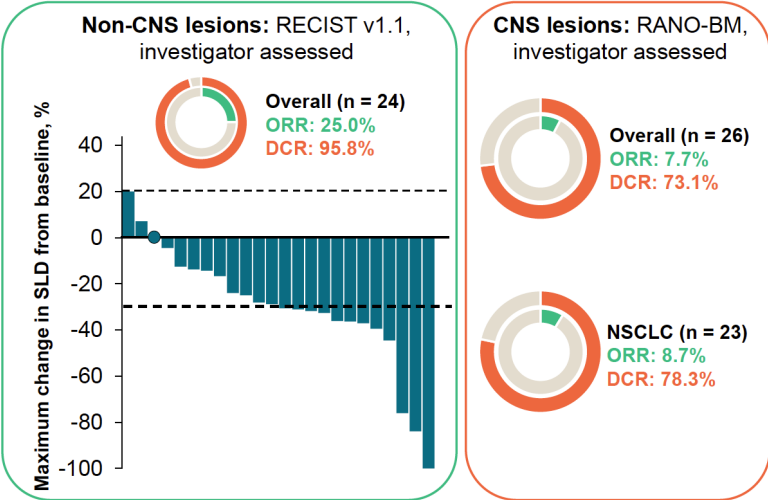


*Randomized to 120 mg or 240 mg zongertinib; †Exploratory cohorts

- In Phase Ia and Phase Ib, tumor response (RECIST v1.1) was assessed in patients with and without brain metastases
- In Phase Ib, CNS response (RANO-BM; BICR) was included as a secondary endpoint (primary endpoint in Cohort 4)

Phase Ia

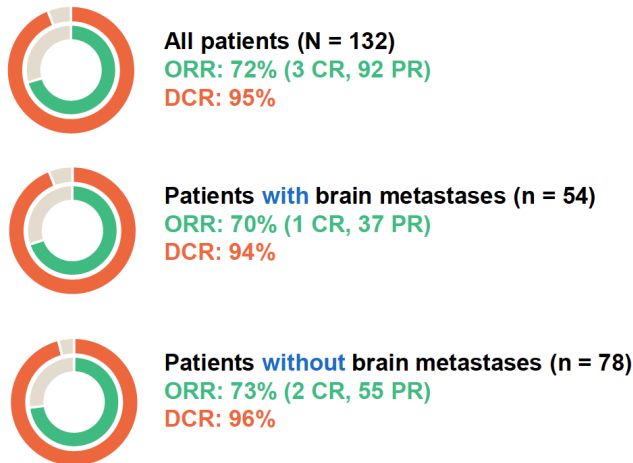
- In Phase Ia (patients with solid tumors and HER2 aberrations; n = 105), 26% had brain metastases
- These patients were heavily pretreated (>2 lines of previous therapy: 67%)
- Confirmed response rate (RECIST v1.1) across all doses was similar to the overall population (25% and 32%, respectively)
- Preliminary evidence of intracranial activity was observed (RANO-BM)



Phase Ib

- In Phase Ib (patients with HER2-mutant NSCLC; n = 132), 41% had brain metastases
- In all patients treated with zongertinib, the confirmed ORR (RECIST v1.1) was 72%
- The response rate was very similar in patients with, and those without, brain metastases
- Zongertinib showed clinically meaningful activity in patients with pre-treated HER2-mutant NSCLC, regardless of the presence of brain metastases

Confirmed BOR (RECIST v1.1) BICR



- *NTRK*:
 - Updated efficacy, safety, and biomarker analysis in patients with TRK fusion lung cancer treated with larotrectinib

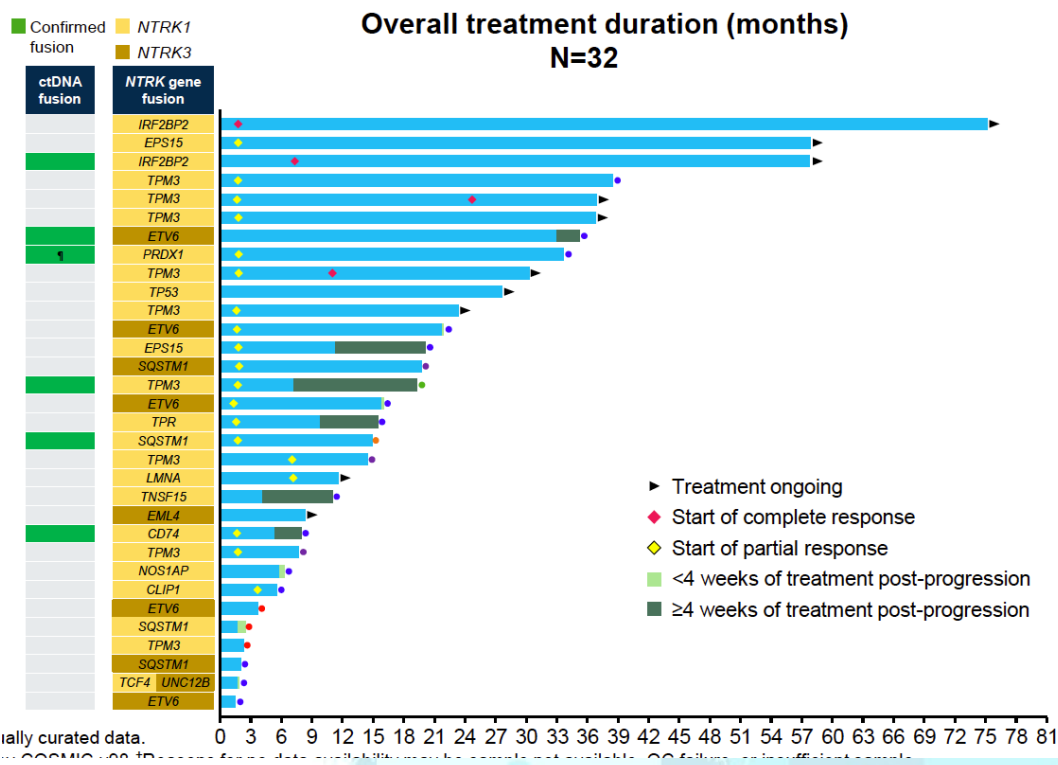
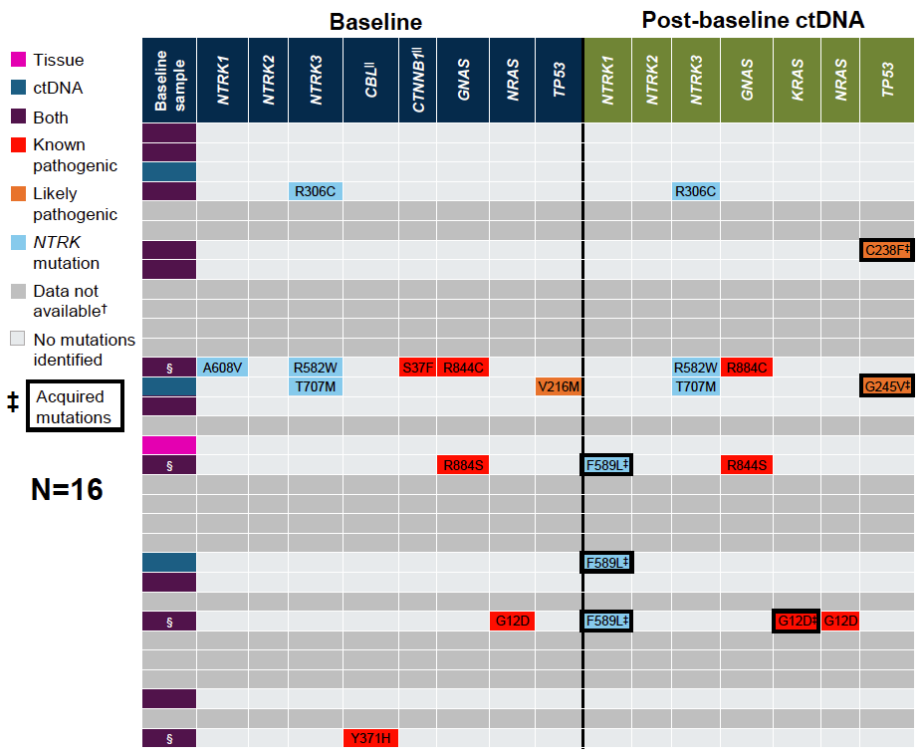


Updated data in TRK fusion NSCLC pts treated with larotrectinib - Jessica J. Lin et al.



32 pts – Data cutoff July 2023 – 12 additional months FU

In patients with TRK fusion lung cancer



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Parte 2

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