

Gender: Female | Birth year: 1975 | WHO: 1

Tumor: Lung - Adenocarcinoma | Lesions: Liver, Lung | Stage: IV

Summary

Clinical summary

Relevant systemic treatment history	1/2023-9/2024	Osimertinib
Relevant other oncological history	None	
Previous primary tumor	None	
Relevant non-oncological history	2022	Rheumatoid arthritis

Recent molecular results

Hartwig WGS (01-Sept-2024)

Biopsy location	Lung (purity 50%)
Molecular tissue of origin prediction	Lung: Non-small cell: LUAD (98%)
Tumor mutational load / burden	TML High (160) / TMB High (14)
Microsatellite (in)stability	Stable
HR status	Proficient (0)
High driver mutations	EGFR L858R, EGFR C797S, KRAS G12D, KRAS G12C
Amplified genes	None
Deleted genes	TP53
Homozygously disrupted genes	None
Gene fusions	MET_MET
Virus detection	None
Trial-relevant events, considered medium/low driver:	None

IHC results

PD-L1: Score > 50%

Example trials that are open and potentially eligible (2 cohorts from 2 trials)

Trial	Cohort	Molecular	Warnings
METC 04 TEDR1	Lung cancer C797S cohort	EGFR C797S	None
METC 02 KAYRAS	Dose expansion - monotherapy - NSCLC	KRAS G12D	Variant(s) KRAS G12D in KRAS but subclonal likelihood of > 50%

Example trials that are open and potentially eligible but currently have no slots available (1 cohort from 1 trial)

Trial	Cohort	Molecular	Warnings
METC 01 IEMOEN	Dose escalation - monotherapy		Has history of Rheumatoid arthritis, Has not exhausted SOC (at least platinum doublet remaining), Hemoglobin 8.2 mmol/L exceeds min of 6.0 mmol/L but measurement occurred before 16-Aug-2024

External trials potentially eligible based on molecular results which are potentially recruiting locally in Netherlands (1)

Trial title	Events	Source Events	Cancer Types	Hospitals
EGFR-L858R-TRIAL	EGFR L858R	EGFR L858R	Lung non-small cell carcinoma	Elisabeth-TweeSteden Ziekenhuis

1 trials were filtered out due to eligible local trials for the same molecular target or trial for young adult patients. See trial matching summary for filtered matches.

External trials potentially eligible based on molecular results which are potentially recruiting internationally (1)

Trial title	Events	Source Events	Cancer Types	Country (cities)
KRAS-G12C-TRIAL-DE	KRAS G12C	KRAS G12C	Lung non-small cell carcinoma	Germany (Stuttgart)

1 trials were filtered out due to External trials recruiting nationally for the same molecular target. See trial matching summary for filtered matches.

Trial Matching Summary

Example trials and cohorts that are potentially eligible, but are closed (1)

Trial	Cohort	Molecular	Warnings
METC 01 IEMOEN	Dose expansion - monotherapy		Has history of Rheumatoid arthritis, Has not exhausted SOC (at least platinum doublet remaining), Hemoglobin 8.2 mmol/L exceeds min of 6.0 mmol/L but measurement occurred before 16-Aug-2024

Example trials and cohorts that are open but considered ineligible (4)

Trial	Cohort	Molecular	Ineligibility reasons
METC 02 KAYRAS	Dose expansion - monotherapy - Colorectum	KRAS G12D	No colorectal cancer
METC 03 NO-SEE797ES	Dose escalation - monotherapy		C797S in EGFR in canonical transcript
METC 05 PICKME3CA	Applies to all cohorts below Dose expansion - monotherapy - NSCLC Dose expansion - monotherapy - Other cancer types	None	No PIK3CA activating mutation(s) Tumor belongs to DOID term(s) lung non-small cell carcinoma

Open cohorts with no slots available are shown in grey.

Example trials and cohorts that are closed and considered ineligible (0)

None

Example trials and cohorts that are not evaluable or ignored (0)

None

Filtered External trials potentially eligible based on molecular results which are potentially recruiting locally in Netherlands (1)

Trial title	Events	Source Events	Cancer Types	Hospitals
EGFR-C797S-TRIAL	EGFR C797S	EGFR C797S	Lung non-small cell carcinoma	Elisabeth-TweeSteden Ziekenhuis

Filtered External trials potentially eligible based on molecular results which are potentially recruiting internationally (1)

Trial title	Events	Source Events	Cancer Types	Country (cities)
EGFR-BE	EGFR L858R	EGFR L858R	Lung non-small cell carcinoma	Belgium (Brussels)