

# Clinical trials of ALK inhibitors for lung cancer (metastatic) in ALK positive patients

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## 1 ALK inhibitors

Trial	Treatments	Patients	Trials design and methods
<b>alectinib vs chemotherapy</b>			
<b>ALUR</b> [NCT02604342] n=NA follow-up:	-	ALK-positive NSCLC who have progressed on or are intolerant to crizotinib	Parallel groups
<b>ceritinib vs chemotherapy</b>			
<b>ASCEND-4 , 2017</b> [NCT01828099] n=NA follow-up:	oral ceritinib 750 mg/day versus platinum-based chemotherapy ([cisplatin 75 mg/m2 or carboplatin AUC 5-6 plus pemetrexed 500 mg/m2] every 3 weeks for four cycles followed by maintenance pemetrexed	untreated patients with stage IIIB/IV ALK-rearranged non-squamous NSCLC	
<b>crizotinib vs chemotherapy</b>			
<b>Shaw , 2013</b> [NCT00932893] n=NA follow-up:	crizotinib (250 mg) twice daily versus intravenous chemotherapy with either pemetrexed (500 mg per square meter of body-surface area) or docetaxel (75 mg per square meter) every 3 weeks	patients with locally advanced or metastatic ALK-positive lung cancer who had received one prior platinum-based regimen	Parallel groups open-label
<b>PROFILE 1014 , 2014</b> [NCT01154140] n=172/171 follow-up: 16.7 months	oral crizotinib, at a dose of 250 mg twice daily versus Standard Chemotherapy Pemetrexed Plus Cisplatin Or Carboplatin	Patients With ALK Positive Non Squamous Cancer Of The Lung	open-label
<b>A8081029 ongoing</b> [NCT01639001] n=NA follow-up:	Crizotinib versus Chemotherapy	Previously Untreated ALK Positive East Asian Non-Small Cell Lung Cancer Patients	China
<b>alectinib vs crizotinib</b>			
<b>ALEX , 2017</b> [NCT02075840] n=152/151 follow-up:	alectinib 600 mg orally (four 150 mg capsules) BID versus Crizotinib	patients with stage IIIB or IV, ALK-positive NSCLC who had not received prior systemic therapy	Parallel groups open label USA

continued...

Trial	Treatments	Patients	Trials design and methods
<b>J-ALEX</b> <i>ongoing</i> [JapicCTI-132316] n=NA follow-up:	-	-	
<b>YO29449</b> <i>ongoing</i> [NCT02838420] n=NA follow-up:	alectinib capsules orally at a dose of 600 mg BID versus crizotinib capsules orally at a dose of 250 mg BID	asian participants with treatment-naive ALK-positive advanced NSCLC	China
<b>brigatinib vs crizotinib</b>			
<b>ALTA-1L</b> <i>ongoing</i> [NCT02737501] n=NA follow-up:	Brigatinib 90 mg QD for 7 days, then 180 mg QD, continuously versus Crizotinib 250 mg orally BID	ALK-positive Advanced Lung Cancer Patients	USA
<b>ensartinib vs crizotinib</b>			
<b>X396-CLI-301</b> <i>ongoing</i> [NCT02767804] n=NA follow-up:	ensartinib 225mg QD versus oral crizotinib at 250mg BID	patients with ALK-positive non-small cell lung cancer that have received up to 1 prior chemotherapy regimen and no prior ALK inhibitor	USA
<b>lorlatinib vs crizotinib</b>			
<b>B7461006</b> <i>ongoing</i> [NCT03052608] n=NA follow-up:	Lorlatinib single agent, 100 mg (4 x 25 mg) oral tables, QD, continuously versus Crizotinib single agent, 250 mg (1 x 250) oral capsules, BID, continuously	advanced ALK-positive NSCLC patients who are treatment nave	
<b>ceritinib vs pemetrexed or docetaxel</b>			
<b>CLDK378A2303</b> <i>ongoing</i> [NCT01828112] n=NA follow-up:	Oral LDK378 750 mg once daily versus pemetrexed or docetaxel	patients previously treated with chemotherapy (platinum doublet) and crizotinib	USA
<b>crizotinib vs placebo</b>			
<b>E4512</b> <i>ongoing</i> [NCT02201992] n=NA follow-up:	-	Patients With Stage IB-IIIA Non-small Cell Lung Cancer That Has Been Removed by Surgery and ALK Fusion Mutations	double-blind
<b>alectinib vs premetrexed or docetaxel</b>			
<b>MO29750</b> <i>ongoing</i> [NCT02604342] n=NA follow-up:	oral alectinib at a dosage of 600 mg BID versus either pemetrexed (500 mg per square meter of body-surface area) or docetaxel (75 mg per square meter)	participants with ALK-positive advanced NSCLC who were previously treated with chemotherapy and crizotinib	Belgium

## References

ALUR, :  
ASCEND-4, 2017:

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**ALEX, 2017:**

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**J-ALEX, :**

**YO29449, 0:**

**ALTA-1L, 0:**

**X396-CLI-301, 0:**

**B7461006, 0:**

**CLDK378A2303, 0:**

**E4512, 0:**

**MO29750, 0:**

## 2 About TrialResults-center.org

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The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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