

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
ceritinib vs chemotherapy			
ASCEND-4 , 2017 [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	
crizotinib vs chemotherapy			
Shaw , 2013 [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
PROFILE 1014 , 2014 [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	
A8081029 ongoing [NCT01639001] n=NA follow-up:	-	Previously Untreated ALK Positive East Asian Non-Small Cell Lung Cancer Patients	china
alectinib vs crizotinib			
ALEX , 2017 [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
YO29449 ongoing [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
brigatinib vs crizotinib			

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Trial	Treatments	Patients	Trials design and methods
ALTA-1L <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
ensartinib vs crizotinib			
X396-CLL-301 <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
lorlatinib vs crizotinib			
B7461006 <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	
ceritinib vs pemetrexed or docetaxel			
CLDK378A2303 <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
crizotinib vs placebo			
E4512 <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	
alectinib vs premetrexed or docetaxel			
MO29750 <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

ASCEND-4, 2017:

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Shaw, 2013:

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ALEX, 2017:

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YO29449, 0:**ALTA-1L, 0:****X396-CLI-301, 0:****B7461006, 0:****CLDK378A2303, 0:****E4512, 0:****MO29750, 0:**

2 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

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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