

Clinical trials of EGFR inhibitors for lung cancer (metastatic) in first line

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Trial	Treatments	Patients	Trials design and methods
gefitinib vs carboplatin-paclitaxel			
NEJ002 , 2013 n=NA	-	chemo-naive non-small cell lung cancer with sensitive EGFR gene mutations	
IPASS (Mok) , 2009 [NCT00322452] n=NA follow-up:	-	previously untreated patients in East Asia who had advanced pulmonary adenocarcinoma and who were nonsmokers or former light smokers	
gefitinib vs carboplatin/paclitaxel			
IPASS n=NA follow-up:	-	previously untreated never-smokers and light ex-smokers with advanced pulmonary adenocarcinoma	
gefitinib vs gemcitabine and cisplatin			
First Signal n=159/150 follow-up:	gefitinib (250 mg daily) versus GP chemotherapy (gemcitabine 1,250 mg/m ²) on days 1 and 8; cisplatin 80 mg/m ² on day 1 every 3 weeks, for up to nine courses	first-line therapy of never-smokers with adenocarcinoma of the lung	
gefitinib paclitaxel and carboplatin vs paclitaxel and carboplatin			
INTACT 2 , 2004 n=NA follow-up:	gefitinib plus paclitaxel and carboplatin versus paclitaxel 225 mg/m ² and carboplatin area under concentration/time curve of 6 mg/min/mL (day 1 every 3 weeks)	chemotherapy-naive patients with advanced NSCLC	double-blind
osimertinib vs placebo			
FLAURA , 2017 [NCT02296125] n=279/277 follow-up:	osimertinib (AZD9291) (80 mg or 40 mg orally, once daily) versus first-line standard-of-care treatment erlotinib or gefitinib	previously untreated patients with locally advanced or metastatic epidermal growth factor receptor (EGFR) mutationpositive nonsmall cell lung cancer	Parallel groups double-blind
gefitinib + gemcitabine/cisplatin vs placebo + gemcitabine / cisplatin			
INTACT 1. n=NA follow-up:	gefitinib 500 mg/d, gefitinib 250 mg/d, versus placebo	chemotherapy-naive patients with unresectable stage III or IV NSCLC	double blind
gefitinib vs vinorelbine			

continued...

Trial	Treatments	Patients	Trials design and methods
INVITE (Crin) , 2008 [NCT00256711] n=NA	-	chemotherapy-naive elderly patients with advanced non-small-cell lung cancer	

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Unicordium, Bepadin, , Ethyl Chlorophenoxyisobutyrate, Atromid, Atromid S, Miscleron, Miskleron, Athromidin, , elinogrel, PRT 060128, PRT060128, PRT-060128, , Brain Natriuretic Peptide, BNP-32, BNP 32, Nesiritide, B-Type Natriuretic Peptide, BNP Gene Product, Type-B Natriuretic Peptide, Type B Natriuretic Peptide, Natriuretic Peptide Type-B, Natriuretic Peptide Type B, Natriuretic Factor-32, Natriuretic Factor 32, Brain Natriuretic Peptide-32, Brain Natriuretic Peptide 32, Natrecor, , Phenindione, Phenylindanedione, Phenylene, Pindione, Fenilin, Dindevan, , repa-glinide, AG-EE 388 ZW, NovoNorm, GlucoNorm, Prandin, AG-EE 388, AG-EE 623 ZW, , Brilique, Brilinta, AZD 6140, AZD6140, AZD-6140, zofenopril, Zofenil, Zofil, SQ 26900, SQ-26900, SQ 26991, SQ-26991, , SQ 26703, zofenopril-SH, zofenopril-SH cpd with arginine, , MK 0859, MK0859, MK-0859, , PRT054021, , bufomedil, bufomedil, Buflo AbZ, AbZ brand of bufloxedil hydrochloride, Buflo-POS, Ursapharm brand of bufloxedil hydrochloride, Buflo-Puren, Alpharma brand of bufloxedil hydrochloride, Buflohexal, Hexal brand of bufloxedil hydrochloride, Bufloxedil Heumann, Heumann brand of bufloxedil hydrochloride, bufloxedil hydrochloride, Bufloxedil Lindo, Lindopharm brand of bufloxedil hydrochloride, bufloxedil pyridoxal phosphate, Bufloxedil Stada, Stadapharm brand of bufloxedil hydrochloride, bufloxedil von ct, ct-Arzneimittel brand of bufloxedil hydrochloride, Bufloxedil-ratiopharm, ratiopharm brand of bufloxedil hydrochloride, Fonzylane, Lafon brand of bufloxedil hydrochloride, LL 1656, Loftyl, Bufedil, Lofton, Abbott brand of bufloxedil hydrochloride, Sinosis, Hosbon brand of bufloxedil hydrochloride, Buflo 1A Pharma, 1A brand of bufloxedil hydrochloride, , Folic Acid, Vitamin M, Pteroylglutamic Acid, Folate, Folvite, Folacin, , Hydrochlorothiazide, HCTZ, Dichlothiazide, Dihydrochlorothiazide, HydroDIURIL, Oretic, Sectrazide, Esidrix, Esidrex, Hypothiazide, , inogatran, N-(2-(2-(((3-((aminoiminomethyl)amino)propyl)amino)carbonyl)-1-piperidinyl)-1-(cyclohexylmethyl)-2-oxo-ethyl)glycine, H 314-27, H314-27, H-314-27, , voglibose, Basen, , Trepidil, Trapymin, Rocornal, , desdiethyltrapidil, N-dediethyltrapidil, desdiethyl-trapidil, , certoparin, certoparin sodium, Mono-Embolex, Novartis brand of certoparin sodium, Alphaparin, Grifols brand of certoparin sodium, , glimepiride, glymepiride, HOE 490, HOE-490, Roname, Amaryl, Amarel, hydroxyglimepiride, hydroxy-glimepiride, , Linagliptin, Tradjenta, BI 1356, BI1356, BI-1356, , taspoglutide, , miti-glinide, KAD 1229, KAD-1229, , transcatheter aortic valve implantation, , sibutramine, Meridia, mono-desmethylsibutramine, BTS 54 524, BTS-54524, BTS 54524, Reductil, di-desmethylsibutramine, didesmethylsibutramine, (R)-DDMS, sibutramine hydrochloride, , saxagliptin, Onglyza, BMS 477118, BMS477118, BMS-477118, , eplerenon, Inspra, CGP 060536B, CGP060536B, CGP-060536B, Tekturna, SPP100, , SYR 322, SYR322, SYR-322, , benfluramate, benfluorex maleate, SE 780, 780 SE, JP 992, Mediator trade name of benfluorex hydrochloride, Biopharma brand of benfluorex hydrochloride, Modulator trade name of benfluorex hydrochloride, Servier brand of benfluorex hydrochloride, S 780, benfluorex hydrochloride, 1-(2-trifluoromethylphenyl)-2-(benzoyloxyethyl)aminopropane HCl, , Coronary Artery Bypass, Coronary Artery Bypasses, Coronary Artery Bypass Surgery, Aortocoronary Bypass, Aortocoronary Bypasses, Coronary Artery Bypass Grafting, CABG, AR C69931MX, AR-C69931MX, , Carotid Endarterectomy, Carotid Endarterectomies, , Chlortalidone, Phthalamudine, Chlorphthalidolone, Oxodoline, Thalitone, Hygroton, , dofetilide, 1-(4-methanesulfonamidophenoxy)-2-(N-(4-methanesulfonamidophenethyl)-N-methylamine)ethane, 1-MSPMPE, Tikosyn, UK 68798, , docetaxol, Taxoltere metro, Taxotere, NSC 628503, RP 56976, RP-56976, ebselen, PZ 51, PZ-51, RP 60931, DR 3305, DR-3305, , Fenoximone, Perfan, MDL 19438, MDL-17043, MDL 17043, MDL17043, , enoximone sulfoxide, MDL 17043 sulfoxide, , Exercise Therapy, Exercise Therapies, , Gene Therapy, DNA Therapy, Somatic Gene Therapy, , Ginkgo biloba, Ginkgo bilobas, Ginko, Ginkos, Ginkgo, Ginkgos, Gingko, Ginkos, Maidenhair Tree, Maidenhair Trees, Ginkgo biloba, Ginkgo bilobas, Ginkgophyta, Ginkgophytas, , Lacipil, Lacimen, Caldine, Motens, GR 43659X, GR-43659X, , olmesartan medoxomil, CS 866, CS-866, Votum, Benicar, Olmetec, , h5G1.1-scFv, pexelizumab, , Dalteparin, Tedelparin, Kabi-2165, Kabi 2165, Kabi2165, Fragmin, Fragmine, Dalteparin Sodium, FR-860, FR 860, FR860, , efegatran, Me-Phe-Pro-Arg-H, D-methyl-phenylalanyl-prolyl-arginal, GYKI 14766, GYKI-14766, LY 294468, LY-294468, efegatran sulfate, , etofibrate, Lipo-Merz, Merz brand of etofibrate, Tricerol, Armstrong brand of etofibrate, etofibrate hydrochloride, , simendan, OR-1855, Simadax, dextrosimendan, OR 1259, OR-1259, , ZP10A peptide, AVE 0010, AVE0010, AVE-0010, Lixisenatide, AQVE-10010, , primary balloon angioplasty, primary PTCA, vildagliptin, (2S)-(((3-hydroxyadamantan-1-yl)amino)acetyl)pyrrolidine-2-carbonitrile, NVP-LAF237, Galvus, , Gliclazide, Gly-

clazide, Gliklazid, Diamicon, S-1702, S 1702, S1702, S-852, S 852, S852, Diaglyk, Gen-Gliclazide, Gen Gliclazide, Glyade, Novo-Gliclazide, Novo Gliclazide, Diaikron, Diabrezide, , Qnexa, Zontivity, SCH 530348, SCH530348, SCH-530348, , MDX-1106, ONO-4538, BMS-936558, Opdivo, lambrolizumab, Keytruda, MK-3475, , MDX-CTLA-4, Yervoy, DX 010, MDX010, MDX-010, , Iressa, ZD1839, ZD 1839, , Anzatax, NSC-125973, NSC 125973, NSC125973, Taxol, Taxol A, Bris Taxol, Paxene, Praxel, 7-epi-Taxol, 7 epi Taxol, Onxol, SDZ RAD, SDZ-RAD, 40-O-(2-hydroxyethyl)-rapamycin, RAD 001, RAD001, Afinitor, Certican, , pertuzumab, Perjeta, Omnitarg, ado-trastuzumab emtansine, trastuzumab-DM1, trastuzumab-DM1 conjugate, T-DM1 cpd, trastuzumab emtansine, huN901-DM1, Kadcyca, Avastin, , gemcitabine, dFdCyd, 2'-deoxy-2'-difluorocytidine, gemcitabine hydrochloride, LY 188011, LY-188011, Gemzar, , Toremifene, Toremifene Citrate, Toremifene Citrate (1:1), Fareston, FC-1157a, FC 1157a, FC1157a, , Xeloda, , Cisplatin, cis-Diamminedichloroplatinum(II), Platinum Diamminodichloride, cis-Platinum, cis Platinum, Dichlorodiammineplatinum, cis-Diamminedichloroplatinum, cis Diamminedichloroplatinum, cis-Dichlorodiammineplatinum(II), NSC-119875, Platino, Platinol, Biocisplatinum, Platidiam, , ICI 182780, ICI-182780, ZM 182780, ZM-182780, Faslodex, , palbociclib, Ibrance, PD 0332991, PD0332991, PD-0332991, anastrozole, anastrazole, ICI D1033, ZD-1033, Zeneca ZD 1033, ZD1033, Arimidex, letrozole, Femara, Fmara, CGS 20267, CGS-20267, Aminoglutethimide, Cytadren, Orimeten, formestane, 4-hydroxyandrostenedione, 4-OHA, Lentaron, CGP-32349, CGP 32 349, CGP 32349, , exemestane, FCE 24304, FCE-24304, Aromasil, Aromasin, Aromasine, , Fadrozole, CGS-16949A, CGS 16949A, CGS16949A, Fadrozole Hydrochloride, Fadrozole Monohydrochloride, CGS 020286A, CGS020286A, CGS-020286A, FAD 286, FAD286, FAD-286, , Tamoxifen, ICI-47699, ICI 47699, ICI47699, Nolvadex, Novaldex, Tamoxifen Citrate, Tomaxithen, Zitazonium, ICI-46474, ICI 46474, ICI46474, Soltamox, ixabepilone, BMS247550, BMS-247550, BMS 247550, Herceptin, Torisel, CCI 779, CCI-779, , alirocumab, REGN727 monoclonal antibody, monoclonal antibody REGN727, SAR236553, Praluent, , AMG 145, evolocumab, AMG-145, Repatha, Medroxyprogesterone Acetate, Medroxyprogesterone 17-Acetate, Medroxyprogesterone 17 Acetate, Depo-Medroxyprogesterone Acetate, Depo Medroxyprogesterone Acetate, 6-alpha-Methyl-17alpha-hydroxyprogesterone Acetate, 6 alpha Methyl 17alpha hydroxyprogesterone Acetate, Curretab, Cycrin, Depo-Provera, Depo Provera, DepoProvera, Farlutal, Perlutex, Provera, Veramix, Clinovir, Gestapuran, so-rafenib, sorafenib N-oxide, 4-(4-(3-(4-chloro-3-trifluoromethylphenyl)ureido)phenoxy)pyridine-2-carboxylic acid methanamide-4-methylbenzenesulfonate, BAY 545-9085, BAY-545-9085, sorafenib tosylate, BAY 43-9006, Nexavar, , entinostat, SNDX-275, MS 27-275, MS-275, MS 275, MS-27-275, B 1939, B-1939, E 7389, E-7389, Halaven, NSC 707389, NSC707389, NSC-707389, B 1793, B-1793, ER-086526, ER086526, ER 086526, ER-86526, , Abraxane, vinorelbine, 5'-nor-anhydrovinblastine, Navelbine, vinorelbine tartrate, KW 2307, KW-2307, , intensive treatment, tighter control of blood pressure, low target blood pressure, strict blood pressure control, intensified blood-pressure control, IMC C225, IMC-C225, MAAb C225, C225, Erbitux, , Tarceva, CP 358774, CP-358774, OSI-774, Inlyta, AG 013736, AG013736, AG-013736, , TKI 258, TKI258, TKI-258, dovitinib, CHIR 258, CHIR258, CHIR-258, , GW 786034B, GW786034B, GW-786034B, GW 780604, GW780604, GW-780604, Votrient, , Sutent, SU 11248, SU11248, SU-11248, SU011248, SU 011248, SU-011248, , D2E7 Antibody, Humira, Cimzia, Cimzias, CDP870, CDP870s, CDP 870, CDP 870s, , TNF Receptor Type II-IgG Fusion Protein, TNF Receptor Type II IgG Fusion Protein, Enbrel, Recombinant Human Dimeric TNF Receptor Type II-IgG Fusion Protein, Recombinant Human Dimeric TNF Receptor Type II IgG Fusion Protein, TNFR-Fc Fusion Protein, TNFR Fc Fusion Protein, TNR-001, TNR001, TNR 001, TNT Receptor Fusion Protein, TNTR-Fc, , Simponi, , MAAb cA2, Monoclonal Antibody cA2, Remicade, , Interleukin 1 Receptor Antagonist Protein, Urine-Derived IL1 Inhibitor, Urine Derived IL1 Inhibitor, IL1 Febrile Inhibitor, Urine IL-1 Inhibitor, IL-1Ra, Anril, Kineret, Anakinra, , tocilizumab, atlizumab, Actemra, , Rituxan, MabThera, Zytux, Rituximab, Rituximab CD20 Antibody, Mabthera, IDEC-C2B8 Antibody, IDEC C2B8 Antibody, IDECC2B8 Antibody, IDEC-C2B8, IDEC C2B8, IDECC2B8, GP2013, Rituxan, , tasocitinib, tofacitinib citrate, Xeljanz, CP690550, CP-690550, CP 690550, , durvalumab, Imfinzi, MPDL3280A, Tecentriq, RG7446, RG-7446, , MTA, Pemetrexed Disodium, LY 231514, LY231514, LY-231514, Alimta, , rolofylline, KW 3902, KW-3902, MK 7418, MK7418, MK-7418, , BG 9928, BG-9928, BG9928, BIO 4683, BIO4683, BIO-4683, BIO 5770, BIO5770, BIO-5770, BIO 8170, BIO8170, BIO-8170, BIO 9002, BIO9002, BIO-9002, tonapofylline, BIO 7505, BIO7505, BIO-7505, , Invokana, , BI 10773, BI10773, BI-10773, Jardiance, , dapagliflozin, forxiga, BMS 512148, BMS512148, BMS-512148, , avelumab, MSB0010718C, , Xalkori, PF-02341066, PF02341066, PF 02341066, , BAY 94-8862, finerenone, , AZD 2281, AZD2281, AZD-2281, AZD221, Lynparza, , 2-(4-(piperidin-3-yl)phenyl)-2H-indazole-7-carboxamide, niraparib hydrochloride, MK 4827, MK4827, MK-4827, , BMN 673, , 2-((R)-2-methylpyrrolidin-2-yl)-1H-benzimidazole-4-carboxamide, 2-(2-methylpyrrolidin-2-yl)-1H-benzimidazole-4-carboxamide, ABT 888, ABT888, ABT-888, , bococizumab, , CH5424802, alectinib, RO5424802, , ceritinib, Zykadia, LDK378, , AP26113, brigatinib, , caprelsa, ZD 6474, ZD6474, ZD-6474, vandetanib, Zactima, , imetelstat, motesanib, motesanib diphosphate, AMG 706, AMG706, AMG-706, , aflibercept, VEGF Trap-Eye, VEGF Trap - regeneron, VEGF-Trap, AVE 005, AVE005, AVE-005, Zaltrap, ZIV-aflibercept, AVE 0005, AVE0005, AVE-0005, eylea, , osimertinib, Tagrisso, , rucaparib, AG

014699, AG014699, AG-014699, PF-01367338, , cabozantinib, Cometriq, XL 184, XL184 cpd, XL-184, BMS 907351, BMS907351, BMS-907351, , abemaciclib, LY2835210, LY2385219, Verzenio, ribociclib, LEE011, , vemurafenib, Zelboraf, R05185426, RG7204, RG-7204, PLX4032, PLX 4032, , ticilimumab, CP 675, P675 cpd, CP-675, CP-675,206, CP-675206, CP675206, CP 675206,

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