



Heather Wakelee

Winston Chen and Phyllis Huang Professor
Medicine - Oncology

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Thoracic Oncology**

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Bio

BIO

Dr. Heather Wakelee specializes in the treatment of lung cancer, thymoma and mesothelioma. She completed all post-graduate training at Stanford University and joined the faculty in 2003. For many years she was the physician lead for the thoracic malignancies clinical research group and has developed research programs related to lung cancer and thymoma across multiple areas including clinical trials, translation work and population sciences. She is the Principal Investigator on numerous clinical trials. In 2021 Dr. Wakelee took on the role of Deputy Director of the Stanford Cancer Institute and is the Division Chief of Medical Oncology. She is also active in many national and international organizations related to lung cancer and thymoma including leadership roles in the International Association for the Study of Lung Cancer (IASLC).

CLINICAL FOCUS

- Cancer > Thoracic Oncology
- Lung Cancer - Medical Oncology
- Investigational Therapeutics
- Medical Oncology
- thymoma
- Mesothelioma
- thymic carcinoma
- Thoracic Cancers - Medical Oncology
- Mesothelioma - Medical Oncology
- Oncology (Cancer)
- Thoracic Cancers

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Oncology
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Merit Award, American Society of Clinical Oncology (05/2003)
- Alpha Omega Alpha, Johns Hopkins University (06/1996)
- Teaching Award, Stanford University Division of Oncology (2007, 2008, 2009, 2011)
- Young Investigator Award, ECOG-ACRIN (2015)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Division of Oncology (2003) CA
- Residency: Stanford University Internal Medicine Residency (1999) CA
- Board Certification: Medical Oncology, American Board of Internal Medicine (2003)
- Medical Education: Johns Hopkins University School of Medicine (1996) MD
- M. D., Johns Hopkins University , Medicine (1996)
- A.B., Princeton University , Molecular Biology (1992)

LINKS

- Video Story: <https://stanfordhealthcare.org/stanford-health-care-now/why-i-got-into-medicine/why-medicine-heather-wakelee-md.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Wakelee is a clinical investigator with a focus in lung cancer and other thoracic malignancies. Along with her other colleagues in thoracic medical oncology at Stanford she is focused on clinical trials with agents that are specifically targeted to known mutations in lung cancer such as EGFR, ALK and other "driver" mutations with a particular focus on resistance mechanisms. Earlier work on anti-angiogenesis agents continues as well. The treatment of NSCLC revolves increasingly around the use of immune modulatory agents, particularly PD-(L)1 checkpoint inhibitors and the majority of current trials utilize these drugs including bringing them to patients with earlier stages of disease with a hope to improve cure rates.

Dr. Wakelee is an active member of the Eastern Cooperative Oncology Group (ECOG-ACRIN). Stanford University actively participates in trial design and recruitment of patients to ECOG-ACRIN trials. Dr. Wakelee also plays a leadership role in the International Association for the Study of Lung Cancer (IASLC) having served on the board of directors from 2015-2019) and was elected to the role of President-Elect in 2019 and her tenure as President started in 2021.

Thymic malignancies are an understudied rare disease and Dr. Wakelee has developed 2 clinical trials in this patient population and is involved in translational efforts with the disease.

Dr. Wakelee is also involved in several collaborative efforts with her colleagues in thoracic surgery, radiation oncology, pulmonary medicine, basic science and population sciences. Work with Max Diehn on circulating tumor DNA is leading towards the potential to improve surveillance and early detection of NSCLC amongst other applications.

CLINICAL TRIALS

- A Phase II Trial of Sacituzumab Govitecan in Patients With Advanced Thymic Epithelial Tumors, Recruiting
- Crizotinib in Treating Patients With Stage IB-IIIA Non-small Cell Lung Cancer That Has Been Removed by Surgery and ALK Fusion Mutations (An ALCHEMIST Treatment Trial), Recruiting
- Genetic Testing in Screening Patients With Stage IB-IIIA Non-small Cell Lung Cancer That Has Been or Will Be Removed by Surgery (The ALCHEMIST Screening Trial), Recruiting
- Phase II Randomized Trial of Carboplatin+Pemetrexed+Bevacizumab+/- Atezolizumab in Stage IV NSCLC, Recruiting
- Screening Protocol for Tumor Antigen Expression Profiling and HLA Typing for Eligibility Determination, Recruiting

- Study of RET Inhibitor TAS0953/HM06 in Patients With Advanced Solid Tumors With RET Gene Abnormalities, Recruiting
- To Evaluate the Efficacy/Safety of Osimertinib Prior to CRT and Maintenance of it With Stage III, Unresectable NSCLC With EGFR Mutations, Recruiting
- 18F-FPPRGD2 PET/CT or PET/MRI in Predicting Early Response in Patients With Cancer Receiving Anti-Angiogenesis Therapy, Not Recruiting
- 4D-CT-based Ventilation Imaging for Adaptive Functional Guidance in Radiotherapy, Not Recruiting
- A 3rd/4th Line Placebo-controlled Trial of Sorafenib in Patients With Predominantly Non Squamous Non-Small Cell Lung Cancer (NSCLC), Not Recruiting
- A Dose Escalation and Cohort Expansion Study of NKTR-214 in Combination With Nivolumab and Other Anti-Cancer Therapies in Patients With Select Advanced Solid Tumors, Not Recruiting
- A Multi-Center Study of Ibrutinib in Combination With MEDI4736 in Subjects With Relapsed or Refractory Solid Tumors, Not Recruiting
- A Phase 1 Dose Escalation Study of OMP-21M18 in Subjects With Solid Tumors, Not Recruiting
- A Phase 1/2 Study to Evaluate MEDI4736, Not Recruiting
- A Phase 2 Study of Amrubicin in Relapsed or Refractory Thymic Malignancies, Not Recruiting
- A Phase I/II Study of Bexarotene in Combination With ZD1839 (IRESSA®) in the Treatment of Non-Small Cell Lung Cancer, Not Recruiting
- A Phase II Study to Evaluate the Efficacy and Safety of Oral Ceritinib in Patients With ALK-positive NSCLC Metastatic to the Brain and/or to Leptomeninges, Not Recruiting
- A Study of Afibercept Administered in Combination With Pemetrexed and Cisplatin in Participants With Advanced Carcinoma, Not Recruiting
- A Study of ASA404 or Placebo in Combination With Docetaxel in Second-line Treatment for (Stage IIIb/IV) Non-small Cell Lung Cancer, Not Recruiting
- A Study of Atezolizumab (an Engineered Anti-Programmed Death-Ligand 1 [PDL1] Antibody) to Evaluate Safety, Tolerability and Pharmacokinetics in Participants With Locally Advanced or Metastatic Solid Tumors, Not Recruiting
- A Study of Atezolizumab and Tiragolumab Compared With Durvalumab in Participants With Locally Advanced, Unresectable Stage III Non-Small Cell Lung Cancer (NSCLC), Not Recruiting
- A Study of Atezolizumab in Participants With Programmed Death - Ligand 1 (PD-L1) Positive Locally Advanced or Metastatic Non-Small Cell Lung Cancer, Not Recruiting
- A Study of Atezolizumab in Participants With Programmed Death-Ligand 1 (PD-L1) Positive Locally Advanced or Metastatic Non-Small Cell Lung Cancer (NSCLC) [FIR], Not Recruiting
- A Study of CDX-1127 (Varlilumab) in Patients With Select Solid Tumor Types or Hematologic Cancers, Not Recruiting
- A Study of Enzastaurin and Erlotinib in Participants With Solid Tumors and Lung Cancer, Not Recruiting
- A Study of HGS1029 (AEG40826-2HCl) in Subjects With Advanced Solid Tumors, Not Recruiting
- A Study of HGS1036 in Combination With Chemotherapy in Subjects With Advanced Solid Malignancies, Not Recruiting
- A Study of Onartuzumab (MetMab) in Combination With Bevacizumab (Avastin) Plus Platinum And Paclitaxel or With Pemetrexed Plus Platinum in Patients With Non-Squamous Non-Small Cell Lung Cancer, Not Recruiting
- A Study of Onartuzumab (MetMab) Versus Placebo in Combination With Paclitaxel Plus Platinum in Patients With Squamous Non-Small Cell Lung Cancer, Not Recruiting
- A Study Of PF-06647020 For Adult Patients With Advanced Solid Tumors, Not Recruiting
- A Study of Pharmacokinetic Drug Interaction Study of the Hedgehog Pathway Inhibitor GDC-0449 in Combination With Rosiglitazone or Combined Oral Contraceptive in Patients With Locally Advanced or Metastatic Solid Tumors That Are Refractory to Standard Therapy or for Whom No Standard Therapy Exists, Not Recruiting
- A Study of TAK-788 in Adults With Non-Small Cell Lung Cancer, Not Recruiting
- A Study of Weekly Tisotumab Vedotin for Patients With Platinum-Resistant Ovarian Cancer With Safety Run-in (innovaTV 208), Not Recruiting
- A Study of XL184 (Cabozantinib) With or Without Erlotinib in Adults With Non-Small Cell Lung Cancer, Not Recruiting
- Adjuvant Afatinib in Stage I-III NSCLC With EGFR Mutation, Not Recruiting
- An Investigational Drug, PF-02341066 Is Being Studied Versus Standard Of Care In Patients With Advanced Non-Small Cell Lung Cancer With A Specific Gene Profile Involving The Anaplastic Lymphoma Kinase (ALK) Gene, Not Recruiting
- An Investigational Drug, PF-02341066, Is Being Studied In Patients With Advanced Non-Small Cell Lung Cancer With A Specific Gene Profile Involving The Anaplastic Lymphoma Kinase (ALK) Gene, Not Recruiting

- An Observational Study of the Ethnic Impact of Patients Undergoing Second (2nd) Line Treatment for Non-Small Cell Lung Cancer Using Pemetrexed, Not Recruiting
- An Open-Label, Randomized, Phase 3 Trial of Nivolumab Versus Investigator's Choice Chemotherapy as First-Line Therapy for Stage IV or Recurrent PD-L1+ Non-Small Cell Lung Cancer (CheckMate 026), Not Recruiting
- Bendamustine Hydrochloride and Rituximab With or Without Bortezomib Followed by Rituximab With or Without Lenalidomide in Treating Patients With High-Risk Stage II, Stage III, or Stage IV Follicular Lymphoma, Not Recruiting
- Bevacizumab or Pemetrexed Disodium Alone or In Combination After Induction Therapy in Treating Patients With Advanced Non-Squamous Non-Small Cell Lung Cancer, Not Recruiting
- BLP25 Liposome Vaccine and Bevacizumab After Chemotherapy and Radiation Therapy in Treating Patients With Newly Diagnosed Stage IIIA or Stage IIIB Non-Small Cell Lung Cancer That Cannot Be Removed by Surgery, Not Recruiting
- Brentuximab Vedotin and Nivolumab With or Without Ipilimumab in Treating Patients With Relapsed or Refractory Hodgkin Lymphoma, Not Recruiting
- Carboplatin and Paclitaxel Combined With Cetuximab and/or IMC-A12 in Patients With Advanced Non-Small Cell Lung Cancer, Not Recruiting
- Cetuximab, Cisplatin, Fluorouracil, and Radiation Therapy in Treating Patients With Anal Cancer, Not Recruiting
- Chemotherapy and Radiation Therapy With or Without Panitumumab in Treating Patients With Stage IIIA Non-Small Cell Lung Cancer, Not Recruiting
- Chemotherapy With or Without Bevacizumab in Treating Patients With Stage IB, Stage II, or Stage IIIA Non-small Cell Lung Cancer That Was Removed By Surgery, Not Recruiting
- Cisplatin and Etoposide With or Without Veliparib in Treating Patients With Extensive Stage Small Cell Lung Cancer, Not Recruiting
- Clinical and Pathologic Studies of Patients Undergoing Treatment With EGFR Inhibitors, Not Recruiting
- Clinical Study of BYM338 for the Treatment of Unintentional Weight Loss in Patients With Cancer of the Lung or the Pancreas, Not Recruiting
- CT-2103/Carboplatin vs Paclitaxel/Carboplatin for NSCLC in Women With Estradiol > 25 pg/mL, Not Recruiting
- CyberKnife Radiosurgical Treatment of Inoperable Early Stage Non-Small Cell Lung Cancer, Not Recruiting
- Efficacy and Safety of Pembrolizumab (MK-3475) With Platinum Doublet Chemotherapy as Neoadjuvant/Adjuvant Therapy for Participants With Resectable Stage II, IIIA, and Resectable IIIB (T3-4N2) Non-small Cell Lung Cancer (MK-3475-671/KEYNOTE-671), Not Recruiting
- Efficacy and Safety Study of Tisotumab Vedotin for Patients With Solid Tumors, Not Recruiting
- Erlotinib and Mometinib for the Treatment of Epidermal Growth Factor Receptor (EGFR) Mutated EGFR Tyrosine Kinase Inhibitor (TKI) Naive Metastatic Non-Small Cell Lung Cancer (NSCLC), Not Recruiting
- Erlotinib Hydrochloride and Cabozantinib-s-Malate Alone or in Combination as Second or Third Line Therapy in Treating Patients With Stage IV Non-small Cell Lung Cancer, Not Recruiting
- Erlotinib Hydrochloride in Treating Patients With Stage IB-III A Non-small Cell Lung Cancer That Has Been Completely Removed by Surgery (An ALCHEMIST Treatment Trial), Not Recruiting
- Erlotinib Hydrochloride or Crizotinib and Chemoradiation Therapy in Treating Patients With Stage III Non-small Cell Lung Cancer, Not Recruiting
- Erlotinib in Patients With Resected, Early Stage NSCLC With Confirmed Mutations in the EGFR, Not Recruiting
- Erlotinib Plus Tivantinib (ARQ 197) Versus Single Agent Chemotherapy in Locally Advanced or Metastatic Non-Small Cell Lung Cancer, Not Recruiting
- Erlotinib With or Without Hydroxychloroquine in Chemo-Naive Advanced NSCLC and (EGFR) Mutations, Not Recruiting
- Evaluation of Cyberknife Precision Radiation Delivery System for Unresectable Malignant Lung Cancer, Not Recruiting
- ExAblate (MRgFUS) Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- ExAblate Conformal Bone System Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- Expanded Access to Ensartinib for Participants With ALK+ NSCLC, Not Recruiting
- Expanded Treatment Protocol With LDK378 in ALK(+) NSCLC, Not Recruiting
- Grapiprant (ARY-007) and Pembrolizumab in Patients With Advanced or Metastatic Post-PD-1/L1 NSCLC Adenocarcinoma, Not Recruiting
- Identification of Circulating Tumor Cells in the Peripheral Blood of Lung Cancer Patients, Not Recruiting
- Imaging and Biomarkers of Hypoxia in Solid Tumors, Not Recruiting
- Immunobiology of Cancer, Not Recruiting

- LDK378 in Adult Patients With ALK-activated NSCLC Previously Treated With Chemotherapy and Crizotinib, Not Recruiting
- Lung-MAP: Biomarker-Targeted Second-Line Therapy in Treating Patients With Recurrent Stage IV Squamous Cell Lung Cancer, Not Recruiting
- Lung-MAP: Nivolumab With or Without Ipilimumab as Second-Line Therapy in Treating Patients With Recurrent Stage IV Squamous Cell Lung Cancer and No Matching Biomarkers, Not Recruiting
- MAGE A10^c###T for Advanced NSCLC, Not Recruiting
- Manuka Honey in Preventing Esophagitis-Related Pain in Patients Receiving Chemotherapy and Radiation Therapy For Lung Cancer, Not Recruiting
- Microarray Analysis of Gene Expression and Identification of Progenitor Cells in Lung Carcinoma, Not Recruiting
- Molecular Analysis of Thoracic Malignancies, Not Recruiting
- Nexavar® Versus Placebo in Locally Advanced/Metastatic RAI-Refractory Differentiated Thyroid Cancer, Not Recruiting
- Nivolumab After Surgery and Chemotherapy in Treating Patients With Stage IB-III A Non-small Cell Lung Cancer (An ALCHEMIST Treatment Trial), Not Recruiting
- Octreotide Acetate and Recombinant Interferon Alfa-2b or Bevacizumab in Treating Patients With Metastatic or Locally Advanced, High-Risk Neuroendocrine Tumor, Not Recruiting
- Osimertinib and Necitumumab in Treating Patients With EGFR-Mutant Stage IV or Recurrent Non-small Cell Lung Cancer Who Have Progressed on a Previous EGFR Tyrosine Kinase Inhibitor, Not Recruiting
- Oxaliplatin, Leucovorin Calcium, and Fluorouracil With or Without Celecoxib in Treating Patients With Stage III Colon Cancer Previously Treated With Surgery, Not Recruiting
- Paclitaxel With or Without Cixutumumab as Second-Line Therapy in Treating Patients With Metastatic Esophageal Cancer or Gastroesophageal Junction Cancer, Not Recruiting
- Pazopanib Hydrochloride in Treating Patients With Progressive Carcinoid Tumors, Not Recruiting
- PDR001 in Combination With Platinum-doublet Chemotherapy and Other Immunology Agents in PD-L1 Unselected, Metastatic NSCLC Patients, Not Recruiting
- Pembrolizumab in Patients With Metastatic Non-squamous Non-small Cell Lung Cancer, Not Recruiting
- Pemetrexed Disodium/Observation in Treating Patients W/ Malignant Pleural Mesothelioma w/Out Progressive Disease After 1st Line Chemotherapy, Not Recruiting
- Phase 1 Erlotinib and Dovitinib (TKI258) in Advanced Non-small Cell Lung Cancer (NSCLC), Not Recruiting
- Phase 1 Trial of Hu5F9-G4, a CD47-targeting Antibody, Not Recruiting
- Phase 1 Trial of Oral Ixabepilone, Not Recruiting
- Phase 1-2 of Temozolomide and Hypofractionated Radiotherapy in Tx of Supratentorial Glioblastoma Multiform, Not Recruiting
- Phase 1/1b Study to Evaluate the Safety and Tolerability of Ciforadenant Alone and in Combination With Atezolizumab in Advanced Cancers, Not Recruiting
- Phase 1/2 Study of X-396, an Oral ALK Inhibitor, in Patients With ALK-positive Non-Small Cell Lung Cancer, Not Recruiting
- Phase 2 Etrirnotecan Pegol in Refractory Brain Metastases & Advanced Lung Cancer / Metastatic Breast Cancer, Not Recruiting
- Phase 2 Trial of Bevacizumab in Combination With Pemetrexed, Not Recruiting
- Phase 2a Desipramine in Small Cell Lung Cancer and Other High-Grade Neuroendocrine Tumors, Not Recruiting
- Phase I Vorinostat Concurrent With Stereotactic Radiosurgery (SRS) in Brain Metastases From Non-Small Cell Lung Cancer, Not Recruiting
- Phase I/II Eval Safety & Prelim Activity Nivolumab Comb W/Vorolanib Pts W/Refractory Thoracic Tumors, Not Recruiting
- Phase II Bevacizumab, Gemcitabine and Carboplatin in Newly Diagnosed Non-Small Cell Lung Cancer, Not Recruiting
- Phase II Docetaxel / Carboplatin / XRT + Surgical Resection in Stage III NSCLC, Not Recruiting
- PROSPECT: Chemotherapy Alone or Chemotherapy Plus Radiation Therapy in Treating Patients With Locally Advanced Rectal Cancer Undergoing Surgery, Not Recruiting
- Pulmonary Interstitial Lymphography in Early Stage Lung Cancer, Not Recruiting
- QUILT-3.026: AMG 655 in Combination With AMG 479 in Advanced, Refractory Solid Tumors, Not Recruiting
- Radiation Therapy in Preventing Central Nervous System (CNS) Metastases in Patients With Non-Small Cell Lung Cancer, Not Recruiting
- Radiation Therapy in Treating Patients With Extensive Stage Small Cell Lung Cancer, Not Recruiting

- Radiation Therapy in Treating Patients With Stage I Non-Small Cell Lung Cancer, Not Recruiting
- Radiation Therapy Regimens in Treating Patients With Limited-Stage Small Cell Lung Cancer Receiving Cisplatin and Etoposide, Not Recruiting
- Radical-Dose Image Guided Radiation Therapy in Treating Patients With Metastatic Non-small Cell Lung Cancer Undergoing Immunotherapy, Not Recruiting
- Randomized Study to Compare CyberKnife to Surgical Resection In Stage I Non-small Cell Lung Cancer, Not Recruiting
- Recombinant Interleukin-15 in Treating Patients With Advanced Melanoma, Kidney Cancer, Non-small Cell Lung Cancer, or Squamous Cell Head and Neck Cancer, Not Recruiting
- Regorafenib and Methotrexate in Treating Participants With Recurrent or Metastatic KRAS Mutated Non-Small Cell Lung Cancer, Not Recruiting
- Safety and Efficacy Clinical Study of SNS-595 in Patients With Advanced Small Cell Lung Cancer, Not Recruiting
- Safety and Tolerability Study of SNS-314 for Advanced Solid Tumors, Not Recruiting
- Safety, Pharmacokinetic and Preliminary Efficacy Study of AC0010MA in Advanced Non Small Cell Lung Cancer, Not Recruiting
- Saracatinib in Treating Patients With Relapsed or Refractory Thymoma or Thymic Cancer, Not Recruiting
- Sorafenib in Treating Patients With Refractory Non-Small Cell Lung Cancer, Not Recruiting
- Standard-Dose Combination Chemotherapy or High-Dose Combination Chemotherapy and Stem Cell Transplant in Treating Patients with Relapsed or Refractory Germ Cell Tumors, Not Recruiting
- Study of Atezolizumab in Combination With Cobimetinib in Participants With Locally Advanced or Metastatic Solid Tumors, Not Recruiting
- Study of Cabozantinib (XL184) in Adults With Advanced Malignancies, Not Recruiting
- Study of Cobimetinib in Participants With Solid Tumors, Not Recruiting
- Study of Positron Emission Tomography and Computed Tomography in Guiding Radiation Therapy in Patients With Stage III Non-small Cell Lung Cancer, Not Recruiting
- Study of the Glutaminase Inhibitor CB-839 in Solid Tumors, Not Recruiting
- Study of XL647 Administered Orally Daily to Patients With Solid Tumors, Not Recruiting
- Study of XL647 in Subjects With NSCLC Who Have Progressed After Responding to Treatment With Gefitinib or Erlotinib, Not Recruiting
- Study to Assess Safety and Efficacy of Atezolizumab (MPDL3280A) Compared to Best Supportive Care Following Chemotherapy in Patients With Lung Cancer [IMpower010], Not Recruiting
- Study to Evaluate Safety, Pharmacokinetics, and Efficacy of Rociletinib (CO-1686) in Previously Treated Mutant Epidermal Growth Factor Receptor (EGFR) in Non-Small Cell Lung Cancer (NSCLC) Patients, Not Recruiting
- Talactoferrin in Treating Patients With Relapsed or Refractory Non-Small Cell Lung Cancer or Squamous Cell Head and Neck Cancer, Not Recruiting
- TIGER-3: Open Label, Multicenter Study of Rociletinib (CO-1686) Mono Therapy Versus Single-agent Cytotoxic Chemotherapy in Patients With Mutant EGFR NSCLC Who Have Failed at Least One Previous EGFR-Directed TKI and Platinum-doublet Chemotherapy, Not Recruiting
- Tivantinib With or Without Erlotinib Hydrochloride in Treating Patients With Metastatic or Locally Advanced Kidney Cancer That Cannot Be Removed by Surgery, Not Recruiting
- Transoral Surgery Followed By Low-Dose or Standard-Dose Radiation Therapy With or Without Chemotherapy in Treating Patients With HPV Positive Stage III-IVA Oropharyngeal Cancer, Not Recruiting
- Trial of Nivolumab vs Therapy of Investigator's Choice in Recurrent or Metastatic Head and Neck Carcinoma (CheckMate 141), Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Pamela Basto, Julia Ransohoff

Publications

PUBLICATIONS

- **Elevated risk of lung cancer among asian American females who have never smoked: an emerging cancer disparity.** *Journal of the National Cancer Institute*

- Gomez, S. L., DeRouen, M., Chen, M. S., Wakelee, H., Velotta, J. B., Sakoda, L. C., Shariff-Marco, S., Reynolds, P., Cheng, I.
2024
- **Neoadjuvant pembrolizumab plus chemotherapy followed by adjuvant pembrolizumab compared with neoadjuvant chemotherapy alone in patients with early-stage non-small-cell lung cancer (KEYNOTE-671): a randomised, double-blind, placebo-controlled, phase 3 trial.** *Lancet (London, England)*
Spicer, J. D., Garassino, M. C., Wakelee, H., Liberman, M., Kato, T., Tsuboi, M., Lee, S., Chen, K., Dooms, C., Majem, M., Eigendorff, E., Martinengo, G. L., Bylicki, et al
2024
 - **IMpower010: Final disease-free survival (DFS) and second overall survival (OS) interim results after ≥5 years of follow up of a phase III study of adjuvant atezolizumab vs best supportive care in resected stage IB-IIIA non-small cell lung cancer (NSCLC).** *JOURNAL OF CLINICAL ONCOLOGY*
Wakelee, H. A., Altorki, N. K., Zhou, C., Csoszi, T., Vynnychenko, I. O., Goloborodko, O., Rittmeyer, A., Reck, M., Martinez-Marti, A., Kenmotsu, H., Chen, Y., Chella, A., Sugawara, et al
2024; 42 (17_SUPPL): LBA8035
 - **Overall survival with adjuvant atezolizumab after chemotherapy in resected stage II-IIIA non-small cell lung cancer (IMpower010): a randomised, multicentre, open-label, phase 3 trial.** *Annals of oncology : official journal of the European Society for Medical Oncology*
Felip, E., Altorki, N., Zhou, C., Vallieres, E., Martínez-Marti, A., Rittmeyer, A., Chella, A., Reck, M., Goloborodko, O., Huang, M., Belleli, R., McNally, V., Srivastava, et al
2023
 - **KEYNOTE-671: Randomized, double-blind, phase 3 study of pembrolizumab or placebo plus platinum-based chemotherapy followed by resection and pembrolizumab or placebo for early stage NSCLC** *JOURNAL OF CLINICAL ONCOLOGY*
Wakelee, H. A., Liberman, M., Kato, T., Tsuboi, M., Lee, S., He, J., Gao, S., Chen, K., Dooms, C., Majem, M., Eigendorff, E., Martinengo, G., Bylicki, et al
2023; 41 (17_SUPPL): LBA100
 - **KEYNOTE-671: Randomized, double-blind, phase 3 study of pembrolizumab or placebo plus platinum-based chemotherapy followed by resection and pembrolizumab or placebo for early stage NSCLC.**
Wakelee, H. A., Liberman, M., Kato, T., Tsuboi, M., Lee, S., He, J., Gao, S., Chen, K., Dooms, C., Majem, M., Eigendorff, E., Martinengo, G., Bylicki, et al
LIPPINCOTT WILLIAMS & WILKINS.2023
 - **Perioperative Pembrolizumab for Early-Stage Non-Small-Cell Lung Cancer.** *The New England journal of medicine*
Wakelee, H., Liberman, M., Kato, T., Tsuboi, M., Lee, S. H., Gao, S., Chen, K. N., Dooms, C., Majem, M., Eigendorff, E., Martinengo, G. L., Bylicki, O., Rodríguez-Abreu, et al
2023
 - **Women in cancer research and oncology** *CANCER CELL*
Joyce, J., Wakelee, H., Davis, M. B., Teo, S., Bell, S., Rendo, V.
2021; 39 (3): 285–87
 - **Integrating genomic features for non-invasive early lung cancer detection** *NATURE*
Chabon, J. J., Hamilton, E. G., Kurtz, D. M., Esfahani, M. S., Moding, E. J., Stehr, H., Schroers-Martin, J., Nabet, B. Y., Chen, B., Chaudhuri, A. A., Liu, C., Hui, A. B., Jin, et al
2020
 - **COVID-19 in patients with thoracic malignancies (TERAVOLT): first results of an international, registry-based, cohort study.** *The Lancet. Oncology*
Garassino, M. C., Whisenant, J. G., Huang, L. C., Trama, A. n., Torri, V. n., Agustoni, F. n., Baena, J. n., Banna, G. n., Berardi, R. n., Bettini, A. C., Bria, E. n., Brighenti, M. n., Cadranet, et al
2020
 - **Circulating Tumor DNA Changes During Chemoradiation for Lung Cancer Predict Patient Outcomes**
Moding, E. J., Nabet, B. Y., Liu, Y., Chabon, J. J., Chaudhuri, A. A., Hui, A. B., Binkley, M. S., He, J., Qiao, Y., Xu, T., Yao, L., Gandhi, S., Liao, et al
ELSEVIER SCIENCE INC.2019: S113
 - **Role of KEAP1/NFE2L2 mutations in the chemotherapeutic response of non-small cell lung cancer patients.** *Clinical cancer research : an official journal of the American Association for Cancer Research*

- Jeong, Y. n., Hellyer, J. A., Stehr, H. n., Hoang, N. T., Niu, X. n., Das, M. n., Padda, S. K., Ramchandran, K. n., Neal, J. W., Wakelee, H. A., Diehn, M. n.
2019
- **Phase II trial of single agent amrubicin in patients with previously treated advanced thymic malignancies.** *Lung cancer (Amsterdam, Netherlands)*
Hellyer, J. A., Gubens, M. A., Cunanan, K. M., Padda, S. K., Burns, M. n., Spittler, A. J., Riess, J. W., San Pedro-Salcedo, M. n., Ramchandran, K. J., Neal, J. W., Wakelee, H. A., Loehrer, P. J.
2019; 137: 71–75
 - **Keynote Address: When Breath Becomes Air-As Physician Becomes Patient** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Kalanithi, L., Wakelee, H., Carlson, R. W.
2017; 15 (5.5): 696–98
 - **Erlotinib, cabozantinib, or erlotinib plus cabozantinib as second-line or third-line treatment of patients with EGFR wild-type advanced non-small-cell lung cancer (ECOG-ACRIN 1512): a randomised, controlled, open-label, multicentre, phase 2 trial** *LANCET ONCOLOGY*
Neal, J. W., Dahlberg, S. E., Wakelee, H. A., Aisner, S. C., Bowden, M., Huang, Y., Carbone, D. P., Gerstner, G. J., Lerner, R. E., Rubin, J. L., Owonikoko, T. K., Stella, P. J., Steen, et al
2016; 17 (12): 1661-1671
 - **Integrated digital error suppression for improved detection of circulating tumor DNA** *NATURE BIOTECHNOLOGY*
Newman, A. M., Lovejoy, A. F., Klass, D. M., Kurtz, D. M., Chabon, J. J., Scherer, F., Stehr, H., Liu, C. L., Bratman, S. V., Say, C., Zhou, L., Carter, J. N., West, et al
2016; 34 (5): 547-555
 - **Racial and Ethnic Variations in Lung Cancer Incidence and Mortality: Results From the Women's Health Initiative.** *Journal of clinical oncology*
Patel, M. I., Wang, A., Kapphahn, K., Desai, M., Chlebowski, R. T., Simon, M. S., Bird, C. E., Corbie-Smith, G., Gomez, S. L., Adams-Campbell, L. L., Cote, M. L., Stefanick, M. L., Wakelee, et al
2016; 34 (4): 360-368
 - **Diffuse High Intensity PD-L1 Staining in Thymic Epithelial Tumors.** *Journal of thoracic oncology*
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- **RAS Precision Medicine Trans-Atlantic Partnership: Multi-Centre Pooled Analysis of RAS Pathway Mutations in Advanced NSCLC**
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- **The Mutational Landscape in South Asian Patients with Non-Small Cell Lung Cancer at an US Academic Medical Center**
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- **COVID-19 Outcomes in Patients With Thoracic Malignancies According to Gender and Ethnicity (TERAVOLT)**
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- **Impact of Low-Dose CT Screening for Primary Lung Cancer on Subsequent Risk of Brain Metastasis: Secondary Analysis of NLST**
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- **Afatinib and Necitumumab in EGFR mutant NSCLC with Acquired Resistance to 1st or 3rd Generation EGFR Tyrosine Kinase Inhibitors**
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- **A review of immunotherapy for stage 3 and metastatic NSCLC & the rationale for the ECOG-ACRIN EA5181 study.** *The oncologist*
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- **RAS precision medicine trans-Atlantic partnership: Multi-centre analysis of RAS and NF1 co-mutations in advanced NSCLC**
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- **SKYSCRAPER-03: Phase III, open-label randomised study of atezolizumab plus tiragolumab vs durvalumab in patients with locally advanced, unresectable, stage III non-small cell lung cancer (NSCLC) who have not progressed after platinum-based concurrent chemoradiation (cCRT)**
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- **Smoking Behavior in Patients with Early Stage NSCLC: A Report from ECOG-ACRIN 1505 Trial.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
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- **Improved survival and disease control following pembrolizumab-induced immune-related adverse events in high PD-L1 expressing non-small cell lung cancer with brain metastases.** *Journal of neuro-oncology*
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- **Combining Osimertinib With Chemotherapy in EGFR-Mutant NSCLC at Progression.** *Clinical lung cancer*
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- **Smoking Cessation After Lung Cancer Diagnosis and Risk of Second Primary Lung Cancer: The Multiethnic Cohort Study**
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- **Giant Magnetoresistive Nanosensor Analysis of Circulating Tumor DNA Epidermal Growth Factor Receptor Mutations for Diagnosis and Therapy Response Monitoring.** *Clinical chemistry*
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- **Tobacco Smoking and Risk of Second Primary Lung Cancer.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
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- **Opportunistic Invasive Fungal Infections Mimicking Progression of Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
Park, M., Ho, D. Y., Wakelee, H. A., Neal, J. W.
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- **Phase III Randomized Study of Ensartinib vs Crizotinib in Anaplastic Lymphoma Kinase (ALK) POSITIVE NSCLC Patients: eXalt3**
Selvaggi, G., Wakelee, H. A., Mok, T., Wu, Y., Reck, M., Chiappori, A., Cicin, I., Lee, D. H., Breder, V., Fan, Y., Orlov, S., Poddubska, E., Wang, et al
ELSEVIER SCIENCE INC.2020: E41–E42
- **Late Breaking Abstract - Thoracic Cancers International COVID-19 Collaboration (TERAVOLT): Impact of type of cancer therapy and COVID therapy on survival**
van Meerbeeck, J., Dingemans, A., Horn, L., Torri, V., Whisenant, J., Wakelee, H., Peters, S., Garassino, M., Cadranet, J., Chorostowska, J.
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- **Thoracic cancers international COVID-19 collaboration (TERAVOLT): Small-cell lung cancer and other rare thoracic malignancies.**
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AMER ASSOC CANCER RESEARCH.2020
- **Perioperative pembrolizumab plus platinum-based chemotherapy for resectable locally advanced non-small cell lung cancer: The phase III KEYNOTE-671 study**
Tsuboi, M., Luft, A., Ursol, G., Kato, T., Levchenko, E., Eigendorff, E., Berard, H., Zurawski, B., Demedts, I., Garassino, M. C., Yang, J., Makarios, K., Keller, et al
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- **Defining COVID-19 outcomes in thoracic cancer patients: TERAVOLT (Thoracic cancerS international coVid 19 cOLlaboraTion)**
Baena Espinar, J., Torri, V., Whisenant, J., Hirsch, F. R., Rogado, J., de Castro Carpeno, J., Halmos, B., Ceresoli, G. L., Gomez Rueda, A., Tiseo, M., Felip, E., Majem Tarruella, M., Monnet, et al
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- **A noninvasive approach for early prediction of therapeutic benefit from immune checkpoint inhibition for lung cancer**
Nabet, B. Y., Esfahani, M. S., Hamilton, E. G., Chabon, J. J., Moding, E. J., Rizvi, H., Steen, C. B., Chaudhuri, A. A., Liu, C., Hui, A. B., Stehr, H., Goljenola, L., Jin, et al
AMER ASSOC CANCER RESEARCH.2020
- **Association of baseline systemic corticosteroid use with time to next treatment in patients with advanced melanoma, non-small cell lung cancer or urothelial cancer receiving cancer immunotherapy in US clinical practice**
Drakaki, A., Dhillon, P. K., Wakelee, H., Chui, S. Y., Shim, J., Kent, M., Degaonkar, V., Tien Hoang, McNally, V., Luhn, P., Gutzmer, R.
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- **Association of baseline systemic corticosteroid use with time to next treatment in patients with advanced melanoma, non-small cell lung cancer or urothelial cancer receiving cancer immunotherapy in US clinical practice**
Drakaki, A., Dhillon, P. K., Wakelee, H., Chui, S. Y., Shim, J., Kent, M., Degaonkar, V., Hoang, T., McNally, V., Luhn, P., Gutzmer, R.
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- **Is smoking a risk factor for second primary lung cancer**
Aredo, J., Luo, S. J., Gardner, R., Hickey, T. P., Riley, T. L., Wilkens, L. R., Le Marchand, L., Amos, C., Hung, R. J., Johansson, M., Cheng, I., Wakelee, H. A., Han, et al
AMER ASSOC CANCER RESEARCH.2020
- **Thoracic Cancers International COVID-19 Collaboration (TERAVOLT): Impact of type of cancer therapy and COVID therapy on survival**
Whisenant, J. G., Torri, V., Huang, L., Trama, A., Paz-Ares, L. G., Felip, E., Pancaldi, V., De Toma, A., Tiseo, M., Garrido, P., Genova, C., Cadranet, J., Michielin, et al
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Lung cancer incidence and risk factors in never-smoking Asian American, Native Hawaiian, and Pacific Islander women: The development of a multilevel integrated dataset of EHR, cancer registry, and environmental data**
DeRouen, M. C., Shariff-Marco, S., Lichtensztajn, D., Jin, A., Daida, Y. G., Canchola, A. J., Li, Y., Jain, J., Allen, L., Nie, S., Wong, C., Haile, R., Patel, et al
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- **Lung cancer incidence and risk factors in never-smoking Asian American, Native Hawaiian, and Pacific Islander women: A multilevel dataset of electronic health record, cancer registry, and environmental data**
DeRouen, M. C., Thompson, C., Canchola, A. J., Jin, A., Nie, S., Jain, J., Shariff-Marco, S., Lichetensztajn, D. Y., Daida, Y., Wong, C., Li, Y., Patel, M., Wakelee, et al
AMER ASSOC CANCER RESEARCH.2020
- **Phase I/II study of vorolanib plus nivolumab in patients with thoracic malignancies: immunotherapy (IO) correlatives to differentiate responders from nonresponders.**
Beckermann, K., Bestvina, C. M., Whisenant, J. G., Borghaei, H., Owonikoko, T., Berry, L. D., Shyr, Y., Liang, C., Selvaggi, G., Wakelee, H. A., Horn, L.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **High-dose osimertinib for CNS progression in EGFR plus non-small cell lung cancer (NSCLC): A multi-institutional experience.**
Piper-Vallillo, A., Rotow, J. K., Aredo, J., Shaverdashvili, K., Luo, J., Carlisle, J. W., Husain, H., Muzikansky, A., Heist, R., Rangachari, D., Ramalingam, S. S., Wakelee, H. A., Yu, et al
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- **Osimertinib in non-small cell lung cancer (NSCLC) with atypical EGFR activating mutations: A retrospective multicenter study.**
Ji, J., Aredo, J., Piper-Vallillo, A., Huppert, L., Rotow, J. K., Husain, H., Stewart, S. L., Cobb, R., Wakelee, H. A., Blakely, C., Wong, M. L., Gubens, M. A., Chen, et al
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- **A mid-chemoradiation dynamic risk model integrating tumor features and ctDNA analysis for lung cancer outcome prediction.**
Moding, E. J., Esfahani, M., Nabet, B., Liu, Y., Chabon, J. J., He, J., Qiao, Y., Xu, T., Yao, L., Gandhi, S., Liao, Z. X., Das, M., Ramchandran, et al
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- **KEAP1/NFE2L2 mutations to predict local recurrence after radiotherapy but not surgery in localized non-small cell lung cancer.**
Binkley, M. S., Jeon, Y., Nesselbush, M., Moding, E. J., Nabet, B., Almanza, D. S., Yoo, C., Kurtz, D., Owen, S., Backhus, L., Berry, M. F., Shrager, J. B., Ramchandran, et al
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- **Discovery of a novel shared tumor antigen in human lung cancer.**
Tseng, D., Chiou, S., Yang, X., Reuben, A., Wilhelmy, J., McSween, A., Conley, S., Sinha, R., Nabet, B., Wang, C., Shrager, J. B., Berry, M. F., Backhus, et al
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- **Phase II randomized trial of carboplatin plus pemetrexed plus bevacizumab, plus /- atezolizumab in stage IV non-squamous non-small lung cancer (NSCLC) patients who harbor a sensitizing EGFR mutation or have never smoked.**
Bodor, J., Patel, J. D., Ross, E. A., Litwin, S., Clapper, M., Levy, B., Wakelee, H. A., Borghaei, H., Treat, J.
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