



Douglas W. Blayney

Professor of Medicine (Oncology), Emeritus

Medicine - Oncology

 Resume available Online

Bio

BIO

Douglas W. Blayney, MD is a Professor of Medicine (Oncology), Emeritus, former Medical Director of Stanford Cancer Center, and specializes in the treatment of breast cancer. He has a special interest in the quality and value of cancer care. Dr. Blayney is a past president of the American Society of Clinical Oncology (ASCO), a founder of the ASCO Quality Symposium, a co-author of the ASCO value framework descriptions, and instigated the ASCO clinical "big data" effort, which is now CancerLinQ. He received the inaugural Ellen Stovall Award for Leadership in Patient Centered Care from the National Coalition for Cancer Survivorship in 2016. He was previously a Professor of Internal Medicine and Medical Director of the Comprehensive Cancer Center at the University of Michigan, and prior to that practiced and led Wilshire Oncology Medical Group, Inc. a physician owned multidisciplinary oncology practice in southern California. He has expertise on clinical trial development, use of oncology drugs in clinical practice, reimbursement and marketing strategies and information technology use.

Dr. Blayney's research interests include breast cancer, febrile neutropenia mitigation, and the use big data to improve cancer care quality and value. He has over 90 scientific publications. Dr. Blayney has served on the Food and Drug Administration's Oncologic Drugs Advisory Committee, and is Founding Editor-in-Chief and Editor-in-Chief Emeritus of ASCO's Journal of Oncology Practice. He has a degree in electrical engineering from Stanford, is a graduate of the University of California, San Diego School of Medicine, and received post graduate training at UCSD and at the National Cancer Institute in Bethesda, Maryland.

He is married, and has three grown daughters, one of whom is also a physician.

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Medicine - Oncology
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- President, Wilshire Oncology Medical Group, Inc., (1996-2003)
- Medical Director, University of Michigan Comprehensive Cancer Center, (2003-2010)
- Medical Director, Stanford Cancer Center, (2010-2015)
- Medical Director for Quality, Stanford Cancer Institute, (2015-2022)

HONORS AND AWARDS

- Joseph V. Simone Award for Excellence in Quality and Safety in the Care of Patients with Cancer, American Society of Clinical Oncology (2018)

- The Ellen Stovall Award for Leadership in Patient-Centered Care, National Coalition for Cancer Survivorship (2016)
- President, American Society of Clinical Oncology (2009-10)
- Best Doctors in America, . (2007 - current)
- Fellow, American Society of Clinical Oncology (2007)
- Fellow, American College of Physicians (1991)

PROFESSIONAL EDUCATION

- Medical Education: University of California San Diego School of Medicine (1977) CA
- Residency: UCSD Internal Medicine Residency (1980) CA
- Fellowship: National Cancer Institute - Center Cancer Research (1983) MD
- Board Certification: Medical Oncology, American Board of Internal Medicine (1983)
- Board Certification: Internal Medicine, American Board of Internal Medicine (1980)
- Fellowship, Medicine Branch, National Cancer Institute, Bethesda, Maryland (1983)
- Fellowship, Environmental Epidemiology Branch, National Cancer Institute, Bethesda, Maryland (1983)
- Resident, University of California Hospitals, San Diego (1980)
- M.D., University of California, San Diego (1977)
- B.S.E.E., Stanford University (1972)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

During my tenure as Medical Director of the Stanford Cancer Institute (2010-15)

The Patient Experience, as measured by the Press-Ganey question "Likelihood to Recommend the Institution" for care, increased from the ninth percentile to consistently above the 90 percentile.

I co-led a task force that developed a strategic plan for the clinical operations of SCI, which was incorporated into a larger plan to transform cancer care at Stanford and nationwide. This plan resulted in a large gift, a substantial portion of which is allocated to Transform Cancer Care at Stanford and the nation ("the Transformation").

Growth, as measured by new patient visits, increased by eleven percent year over year starting in fiscal year 2012, the year in which we set a goal to grow by fifty percent by 2017.

Stanford's Cancer Program has increased its ranking to number 10 in the nation for 2014 in the US News and World Report's (USNWR) latest ranking of cancer programs. Stanford ranked 14th in 2011. Cancer is the highest ranked Stanford Program in the USNWR system.

CLINICAL TRIALS

- Brief Behavioral Intervention for Insomnia During Chemotherapy, Not Recruiting
- Phase III Atezolizumab + Paclitaxel vs Placebo + Paclitaxel in Locally Advanced or Metastatic TNBC, Not Recruiting

- Phase III Docetaxel, Carboplatin, Trastuzumab, Pertuzumab+/- Estrogen Deprivation in HER2+ Breast CA, Not Recruiting
- Phase III Fulvestrant+/-Abemaciclib in Hormone Receptor+ HER2- Locally Advanced/Metastatic Breast Ca, Not Recruiting
- Phase III Olaparib as Adjuvant Tx in Germline BRCA Mutated High Risk HER2 Neg Primary Breast Cancer, Not Recruiting
- Phase III Palbociclib in Hormone-Receptor-Pos, HER2-Normal Primary Breast CA After Neoadjuvant Chemo, Not Recruiting
- Phase III Talazoparib vs Physician's Choice in Germline BRCA Mutation Advanced /Metastatic Breast Ca, Not Recruiting
- Phase III Trastuzumab, Pertuzumab plus Taxanes and Antracyclines in Operable HER2+ Breast Cancer, Not Recruiting

Publications

PUBLICATIONS

- **Graph augmented transformers improve chemotherapy toxicity symptom extraction from clinical notes.** *Nature communications*
Saquand, E., Naderalvojud, B., Schuessler, M., Pillai, M., Rice, B. T., Blayney, D. W., Hernandez-Boussard, T.
2026
- **Assessing barriers to genomic testing in breast cancer among diverse patients: a qualitative community-engaged research study.** *Breast cancer research and treatment*
Olomu, M. U., Scherer, C., Wood, E., Escobar, K., Moufarrej, S., Kamran, R., Muir, S., Muñoz, F., Stern, M., Gomez, S., Blayney, D. W., Chew, H., Tealer, et al
2025; 215 (2): 47
- **Clinical utility and patient engagement with a novel digital platform for cancer care navigation.**
Daswani, S., King-Kallimanis, B., Yip, E., Batchelli, A., Blayney, D. W.
LIPPINCOTT WILLIAMS & WILKINS.2025: e13713
- **Achieving equity in genomic testing for breast cancer through partner-led strategies and policies.**
Obasi, M., Akatue, S., Wood, E., Duron, Y., Escobar, K., Moufarrej, S., Kamran, R., Muir, S., Munoz, F., Stern, M. C., Gomez, S. L., Blayney, D. W., Chew, et al
LIPPINCOTT WILLIAMS & WILKINS.2025: 11027
- **Glory Days: Celebrating Two Decades of Advances in Cancer Care on the 20th Anniversary of JCO Oncology Practice.** *JCO oncology practice*
Peppercorn, J., Blayney, D. W., Bosserman, L., Cox, J.
2025; 21 (5): 581-586
- **Evidence of compensatory neural hyperactivity in a subgroup of breast cancer survivors treated with chemotherapy and its association with brain aging.** *Frontiers in aging neuroscience*
Mulholland, M. M., Stuijbergen, A., De La Torre Schutz, A., Franco Rocha, O. Y., Blayney, D. W., Kesler, S. R.
2024; 16: 1421703
- **Automated patient selection and care coaches to increase advance care planning for cancer patients.** *Journal of the National Cancer Institute*
Gensheimer, M. F., Teuteberg, W., Patel, M. I., Gupta, D., Noroozi, M., Ling, X., Fardeen, T., Seevaratnam, B., Lu, Y., Alves, N., Rogers, B., Asuncion, M. K., Denofrio, et al
2024
- **Acceptance and usability testing of a visual care-navigation tool for patients, survivors, caregivers, nurses, and oncologists**
Daswani, S., Blayney, D. W., Lindquist, M., Dasgupta, A., Finley, S., Leung, C.
LIPPINCOTT WILLIAMS & WILKINS.2024
- **Long-Term Engagement of Patients With Advanced Cancer: Results From the EPAC Randomized Clinical Trial.** *JAMA oncology*
Patel, M. I., Agrawal, M., Blayney, D. W., Bundorf, M. K., Milstein, A.
2024
- **Evidence of compensatory neural hyperactivity in a subgroup of chemotherapy-treated breast cancer survivors and its association with brain aging.** *medRxiv : the preprint server for health sciences*
Mulholland, M. M., Stuijbergen, A., De La Torre Schutz, A., Franco Rocha, O. Y., Blayney, D. W., Kesler, S. R.
2024

- **Predicting Depression Risk in Patients With Cancer Using Multimodal Data: Algorithm Development Study.** *JMIR medical informatics*
de Hond, A., van Buchem, M., Fanconi, C., Roy, M., Blayney, D., Kant, I., Steyerberg, E., Hernandez-Boussard, T.
2024; 12: e51925
- **Computing the Cost of Care per Patient per Day for Patients With Metastatic Neuroendocrine Neoplasms.** *JCO oncology practice*
Gupta, D. M., Barnes, J., Qin, F., Kapphahn, K., Hornbacker, K., Blayney, D. W., Kunz, P. L.
2023: OP2300433
- **Real-World Impact of Prophylactic Growth Factor Use on Timing of Febrile Neutropenia and Infection After High-Risk Chemotherapy.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Blayney, D. W., Kuderer, N. M., Cummings Joyner, A. K., Jarvis, J., Nunag, D., Wells, J., Huang, L., Monhanlal, R., Lyman, G. H.
2023; 21 (9): 945-950.e16
- **Engagement of Patients with Advanced Cancer (EPAC) randomized clinical trial: Long-term effects on survival and healthcare use**
Patel, M. I., Agrawal, M., Kapphahn, K., Blayney, D. W., Asch, S., Bundorf, M., Milstein, A.
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Prevention of chemotherapy-induced neutropenia (CIN) with plinabulin (Plin) vs placebo (Plac) in patients (pts) with non-small cell lung cancer (NSCLC) treated with docetaxel (Doc): A pooled analysis from 3 randomized trials**
Blayney, D. W., Hurley, J., Legaspi, G., Duprez, S., Huang, L., Mohanlal, R. W.
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Safety, tolerability, and quality of life (QoL) of single-agent plinabulin (Plin) for the prevention of docetaxel (Doc) chemotherapy (chemo)-induced neutropenia (CIN) in non-small cell lung cancer (NSCLC) patients (pts) from two randomized trials**
Blayney, D. W., Legaspi, G., Duprez, S., Huang, L., Mohanlal, R. W.
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Predicting Depression Risk in Patients with Cancer Using Multimodal Data.** *Studies in health technology and informatics*
de Hond, A., van Buchem, M., Fanconi, C., Roy, M., Blayney, D., Kant, I., Steyerberg, E., Hernandez-Boussard, T.
2023; 302: 817-818
- **Grade 4 Neutropenia Frequency as a Binary Risk Predictor for Adverse Clinical Consequences of Chemotherapy#Induced Neutropenia: A Meta-analysis.** *Cancer investigation*
Mohanlal, R., Ogenstad, S., Lyman, G. H., Huang, L., Blayney, D. W.
2023: 1-23
- **Prevention of Docetaxel (Doc)-Induced Neutropenia (DIN) with Single Agent Plinabulin (Plin) Versus (vs) Control (No-Treatment or Placebo) in Non-Small Cell Lung Cancer (NSCLC) in Two Randomized Trials**
Blayney, D. W., Ogenstad, S., Legaspi, G., Duprez, S., Huang, L., Mohanlal, R. W.
AMER SOC HEMATOLOGY.2022: 2610-2611
- **A Bioinformatic Approach to the Clinical Evaluation of Linear Commitment Versus Cloud (Continuum of Low Primed UnDifferentiated) Models for Hematopoiesis Using Plinabulin Clinical Trial Data**
Mohanlal, R. W., Lu, J., Huang, L., Honour, L., Blayney, D. W.
AMER SOC HEMATOLOGY.2022: 11165-11166
- **Superior single agent effectiveness with plinabulin (Plin) versus (vs) placebo (Plac) for docetaxel (Doc)-induced neutropenia (DIN) prevention in non-small cell lung cancer (NSCLC) patients (pts)**
Blayney, D., Huang, L., Ogenstad, S., Legaspi, G., Duprez, S., Mohanlal, R.
ELSEVIER.2022: 1541
- **Clinical evaluation of plinabulin's granulocyte-monocyte progenitor (GMP) stem cell effects for the prevention of chemotherapy-induced neutropenia (CIN)**
Blayney, D., Mohanlal, R., Huang, L.
ELSEVIER.2022: S1271
- **Chemotherapy-induced neutropenia and emerging agents for prevention and treatment: A review.** *Cancer treatment reviews*
Blayney, D. W., Schwartzberg, L.
2022; 109: 102427
- **Reducing inpatient mortality in patients with cancer through multidisciplinary review and targeted interventions.**

- Shah, M. P., Garrigues, S. K., Khaki, A., Hansen, J., Divi, V., Blayney, D. W.
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Real-world effectiveness of prophylactic granulocyte colony-stimulating factor (G-CSF) early (week 1) and late (weeks 2-3) in the cycle for the prevention of febrile neutropenia (FN) among patients (pts) with breast cancer (BC) after high FN-risk chemotherapy (chemo).**
Blayney, D. W., Joyner, A., Jarvis, J., Nunag, D., Wells, J., Huang, L., Mohanlal, R. W.
LIPPINCOTT WILLIAMS & WILKINS.2022
 - **Surgical solution for a paraneoplastic neurodegenerative disorder** *TRAUMA SURGERY & ACUTE CARE OPEN*
Muhammad, H., Strayve, D. G., Narayan, R. R., Blayney, D. W., Delitto, D.
2022; 7 (1)
 - **PREDICTIVE ENRICHMENT TO IDENTIFY RESPONSE TO SLEEP INTERVENTION IN CANCER SURVIVORS WITH HEADACHE - A PRECISION MEDICINE STUDY**
Woldeamanuel, Y. W., Kushida, C. A., Kesler, S., Jo, B., Neri, E., Edwards, K. S., Gore-Felton, C., Blayney, D. W., Cowan, R. P., Palesh, O.
OXFORD UNIV PRESS INC.2022: S523
 - **Cancer Biosimilars-A Regulatory Success So Far, but Value Still to Be Determined.** *JAMA oncology*
Blayney, D. W., Silver, S. M.
1800
 - **Efficacy of Plinabulin vs Pegfilgrastim for Prevention of Docetaxel-Induced Neutropenia in Patients With Solid Tumors: A Randomized Clinical Trial.** *JAMA network open*
Blayney, D. W., Mohanlal, R., Adamchuk, H., Kirtbaya, D. V., Chen, M., Du, L., Ogenstad, S., Ginn, G., Huang, L., Zhang, Q.
1800; 5 (1): e2145446
 - **Plinabulin Rapidly (within 24 Hours) Reverses Myelosuppression Induced By Chemotherapy**
Blayney, D. W., Chang, M., Huang, L., Mohanlal, R.
AMER SOC HEMATOLOGY.2021
 - **Association of treatment type with patient-reported quality of life in cancer distress screening**
Roy, M., Rosenthal, S., Shah, M. P., Khaki, A., Bozkurt, S., Seto, T., Blayney, D. W., Hernandez-Boussard, T., Ramchandran, K.
LIPPINCOTT WILLIAMS & WILKINS.2021
 - **Preventing 30-day readmissions for patients with cancer: A root-cause analysis**
Shah, M. P., Tan, I., Garrigues, S. K., Hansen, J., Blayney, D. W., Divi, V.
LIPPINCOTT WILLIAMS & WILKINS.2021
 - **Spotlight on International Quality: COVID-19 and Its Impact on Quality Improvement in Cancer Care.** *JCO global oncology*
Blayney, D. W., Bariani, G., Das, D., Dawood, S., Gnant, M., De Guzman, R., Martin, S. E., O'Mahony, D., Roach, A., Ruff, P., Sampaio, C., Sanchez, J. A., Vanderpuye, et al
2021; 7: 1513-1521
 - **Health management via telemedicine: Learning from the COVID-19 experience.** *Journal of the American Medical Informatics Association : JAMIA*
Sun, R., Blayney, D. W., Hernandez-Boussard, T.
2021
 - **Headache outcomes of a sleep behavioral intervention in breast cancer survivors: Secondary analysis of a randomized clinical trial.** *Cancer*
Woldeamanuel, Y. W., Blayney, D. W., Jo, B., Fisher, S. E., Benedict, C., Oakley-Girvan, I., Kesler, S. R., Palesh, O.
2021
 - **Diverse patient trajectories during cytotoxic chemotherapy: Capturing longitudinal patient-reported outcomes.** *Cancer medicine*
Azad, A. D., Yilmaz, M., Bozkurt, S., Brooks, J. D., Blayney, D. W., Hernandez-Boussard, T.
2021
 - **Identification of patients at high risk for preventable emergency department visits and inpatient admissions after starting chemotherapy: Machine learning applied to comprehensive electronic health record data.**
Peterson, D. J., Ostberg, N. P., Blayney, D. W., Brooks, J. D., Hernandez-Boussard, T.
LIPPINCOTT WILLIAMS & WILKINS.2021

- **Impact of adding plinabulin to pegfilgrastim for the prevention of TAC chemotherapy (Chemo) induced neutropenia (CIN), on patient quality of life (QoL).**
Mohanlal, R., Leloir, Y., Mitchell, D., Huang, L., Blayney, D. W.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Clinical trial testing superiority of combination plinabulin (Plin) and pegfilgrastim (Peg) versus peg alone in breast cancer treated with high-risk febrile neutropenia risk chemotherapy (chemo): Final results of the phase 3 protective-2 in chemo-induced neutropenia (CIN) prevention.**
Blayney, D. W., Shi, Y., Adamchuk, H., Feng, D., Zhang, Q., Du, L., Huang, L., Mohanlal, R.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Head-to-head comparison of single agent (SA) plinabulin (Plin) versus pegfilgrastim (Peg) for the prevention of chemotherapy-induced neutropenia (CIN) in the phase 3 trial PROTECTIVE-1.**
Blayney, D. W., Shi, Y., Bondarenko, I., Ogenstad, S., Zhang, Q., Du, L., Huang, L., Mohanlal, R.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Chemotherapy induced profound neutropenia (PN) in patients (pt) with breast cancer (BC) after chemotherapy and plinabulin (Plin) plus pegfilgrastim (Peg) combination versus (vs) peg alone: Final phase 3 results from protective-2 (BPI-2358-106).**
Shi, Y., Blayney, D. W., Adamchuk, H., Zhang, Q., Du, L., Huang, L., Mohanlal, R.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **EFFICACY OF BRIEF BEHAVIORAL THERAPY FOR HEADACHE MANAGEMENT IN BREAST CANCER PATIENTS RECEIVING CHEMOTHERAPY**
Woldeamanuel, Y., Blayney, D. W., Jo, B., Fisher, S., Benedict, C., Kesler, S., Oakley-Girvan, I., Palesh, O.
OXFORD UNIV PRESS INC.2021: S182
- **Protective-2 (bpi-2358-106): A confirmatory trial to demonstrate superiority of the plinabulin plus pegfilgrastim (plin/peg) combination versus standard of care pegfilgrastim for the prevention of chemotherapy-induced neutropenia (cin) in breast cancer (bc) patients (pts)**
Blayney, D. W., Huang, L., Mohanlal, R. W.
AMER ASSOC CANCER RESEARCH.2021
- **Differential efficacy of pegfilgrastim (Peg) in patients (pts) with breast cancer (BC) versus other cancer types for the prevention of docetaxel (Doc) chemotherapy-induced neutropenia (CIN)**
Blayney, D. W., Ginn, G., Huang, L., Mohanlal, R.
AMER ASSOC CANCER RESEARCH.2021
- **Plinabulin and pegfilgrastim (Plin plus Peg) versus peg monotherapy (Peg) after TAC: A comparison of efficacy, safety, relative dose intensity (RDI) and bone pain**
Blayney, D. W., Ginn, G., Huang, L., Mohanlal, R. W.
AMER ASSOC CANCER RESEARCH.2021
- **Real-world Evidence to Estimate Prostate Cancer Costs for First-line Treatment or Active Surveillance.** *European urology open science*
Magnani, C. J., Bievre, N., Baker, L. C., Brooks, J. D., Blayney, D. W., Hernandez-Boussard, T.
2021; 23: 20–29
- **Limited English Proficiency and Disparities in Health Care Engagement Among Patients With Breast Cancer.** *JCO oncology practice*
Roy, M. n., Purington, N. n., Liu, M. n., Blayney, D. W., Kurian, A. W., Schapira, L. n.
2021: OP2001093
- **Development and Use of Natural Language Processing for Identification of Distant Cancer Recurrence and Sites of Distant Recurrence Using Unstructured Electronic Health Record Data.** *JCO clinical cancer informatics*
Karimi, Y. H., Blayney, D. W., Kurian, A. W., Shen, J. n., Yamashita, R. n., Rubin, D. n., Banerjee, I. n.
2021; 5: 469–78
- **Distress Screening Through Patient-Reported Outcomes Measurement Information System (PROMIS) at an Academic Cancer Center and Network Site: Implementation of a Hybrid Model.** *JCO oncology practice*
Neal, J. W., Roy, M. n., Bugos, K. n., Sharp, C. n., Galatin, P. S., Falconer, P. n., Rosenthal, E. L., Blayney, D. W., Modaressi, S. n., Robinson, A. n., Ramchandran, K. n.
2021: OP2000473
- **Benchmark Method for Cost Computations across Healthcare Systems: Cost of Care per Patient per Day in Breast Cancer Care** *JCO Oncology Practice*

Blayney, D. W., Seto, T., Hoang, N., Lindquist, C., Kurian, A. W.
2021

- **Severe neutropenia (grade 4, Gr4N) as a population-based predictor for adverse clinical outcome of chemotherapy induced neutropenia (CIN)**
Mohanlal, R., Ogenstad, S., Huang, L., Blayney, D.
ELSEVIER.2021: S1189-S1190
- **Prediction of febrile neutropenia (FN), hospitalization (Hosp) rates, and infection (Inf) rates in chemotherapy-induced neutropenia (CIN) patients (pts) treated with the plinabulin and pegfilgrastim combination (Plin plus Peg) using a meta-analysis (MA)-based tool**
Ogenstad, S., Blayney, D., Huang, L., Mohanlal, R.
ELSEVIER.2021: S1190
- **Impact of adding plinabulin to pegfilgrastim for the prevention of chemotherapy induced neutropenia (CIN) on patient quality of life (QoL)**
Blayney, D., Le Lorier, Y., Mitchell, D., Huang, L., Mohanlal, R.
ELSEVIER.2021: S1190
- **Limited English Proficiency and Disparities in Health Care Engagement Among Patients With Breast Cancer.** *JCO oncology practice*
Roy, M. n., Purington, N. n., Liu, M. n., Blayney, D. W., Kurian, A. W., Schapira, L. n.
2021: OP2001093
- **Development and Use of Natural Language Processing for Identification of Distant Cancer Recurrence and Sites of Distant Recurrence Using Unstructured Electronic Health Record Data.** *JCO clinical cancer informatics*
Karimi, Y. H., Blayney, D. W., Kurian, A. W., Shen, J. n., Yamashita, R. n., Rubin, D. n., Banerjee, I. n.
2021; 5: 469–78
- **Distress Screening Through Patient-Reported Outcomes Measurement Information System (PROMIS) at an Academic Cancer Center and Network Site: Implementation of a Hybrid Model.** *JCO oncology practice*
Neal, J. W., Roy, M. n., Bugos, K. n., Sharp, C. n., Galatin, P. S., Falconer, P. n., Rosenthal, E. L., Blayney, D. W., Modaressi, S. n., Robinson, A. n., Ramchandran, K. n.
2021: OP2000473
- **Benchmark Method for Cost Computations across Healthcare Systems: Cost of Care per Patient per Day in Breast Cancer Care** *JCO Oncology Practice*
Blayney, D. W., Seto, T., Hoang, N., Lindquist, C., Kurian, A. W.
2021
- **Efficacy of Plinabulin vs Pegfilgrastim for Prevention of Chemotherapy-Induced Neutropenia in Adults With Non-Small Cell Lung Cancer: A Phase 2 Randomized Clinical Trial.** *JAMA oncology*
Blayney, D. W., Zhang, Q., Feng, J., Zhao, Y., Bondarenko, I., Vynnychenko, I., Kovalenko, N., Nair, S., Ibrahim, E., Udovista, D. P., Mohanlal, R., Ogenstad, S., Ette, et al
2020
- **Plinabulin (Plin) is a more favorable option for the prevention of chemotherapy induced neutropenia (CIN) than pegfilgrastim (Peg) during the COVID-19 pandemic**
Blayney, D., Mohanlal, R., Huang, L.
ELSEVIER.2020: S1008
- **Real-world outcomes of patients with metastatic breast cancer (BC) treated with osteoclast inhibitors (OIs).**
Karimi, Y., Purington, N., Liu, M., Kurian, A. W., Sledge, G. W., Blayney, D. W.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Development and validation of natural language processing (NLP) algorithm for detection of distant versus local breast cancer recurrence and metastatic site.**
Karimi, Y., Blayney, D. W., Kurian, A. W., Rubin, D., Banerjee, I.
AMER SOC CLINICAL ONCOLOGY.2020
- **Four distinct patient-reported outcome (PRO) trajectories in longitudinal responses collected before, during, and after chemotherapy.**
Blayney, D. W., Azad, A., Yilmaz, M., Bozkurt, S., Brooks, J. D., Hernandez-Boussard, T.
AMER SOC CLINICAL ONCOLOGY.2020

- **Distress screening through PROMIS at an academic cancer center and network site: Implementation of a hybrid model.**
Roy, M., Neal, J. W., Bugos, K., Sharp, C., Falconer, P., Rosenthal, E., Blayney, D. W., Modaresi, S., Robinson, A., Ramchandran, K.
AMER SOC CLINICAL ONCOLOGY.2020
- **A comparison of CD34+mobilization effects of standard dose pegfilgrastim (Peg) versus low-dose peg combined with plinabulin (Plin).**
Blayney, D. W., Huang, L., Mohanlal, R. W.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **International Perspective on the Pursuit of Quality in Cancer Care: Global Application of QOPI and QOPI Certification.** *JCO global oncology*
Blayney, D. W., Abdelhafeez, N., Jazieh, A. R., Pinto, C. F., Udrea, A., Roach, A., Das, D., Grubbs, S., Hamm, J., Jahanzeb, M., Kamal, A. H., Kelly, R. J., Martin, et al
2020; 6: 697–703
- **Computing the Cost of Care Per Day for Patients With Metastatic NETs**
Gupta, D., Kappahn, K., Qin, F., Hornbacker, K., Henry, S., Wood, D., Blayney, D., Kunz, P.
LIPPINCOTT WILLIAMS & WILKINS.2020: 470
- **Leveraging Digital Data to Inform and Improve Quality Cancer Care.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Hernandez-Boussard, T., Blayney, D. W., Brooks, J. D.
2020
- **Clinical Documentation to Predict Factors Associated with Urinary Incontinence Following Prostatectomy for Prostate Cancer.** *Research and reports in urology*
Li, K., Banerjee, I., Magnani, C. J., Blayney, D. W., Brooks, J. D., Hernandez-Boussard, T.
2020; 12: 7-14
- **Cortical Brain Age from Pre-treatment to Post-chemotherapy in Patients with Breast Cancer.** *Neurotoxicity research*
Henneghan, A. n., Rao, V. n., Harrison, R. A., Karuturi, M. n., Blayney, D. W., Palesh, O. n., Kesler, S. R.
2020
- **Clinical Documentation to Predict Factors Associated with Urinary Incontinence Following Prostatectomy for Prostate Cancer RESEARCH AND REPORTS IN UROLOGY**
Li, K., Banerjee, I., Magnani, C. J., Blayney, D. W., Brooks, J. D., Hernandez-Boussard, T.
2020; 12: 7–14
- **Association between patient-initiated emails and overall 2-year survival in cancer patients undergoing chemotherapy: Evidence from the real-world setting.** *Cancer medicine*
Coquet, J. n., Blayney, D. W., Brooks, J. D., Hernandez-Boussard, T. n.
2020
- **Clinical Evidence Against the Continuum of Low-Primed Uncommitted Hematopoietic and Progenitor Cells (CLOUD-HSPC) Concept for Hematopoiesis**
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