

Proposal #	Clinical trial(s) from which specimens were requested	Proposal Title	Proposal Principal Investigator/ Institution
CSC0003	E3805	HSD3B1 and Resistance to Androgen Deprivation Therapy Versus Chemohormonal Therapy in E3805	Nima Sharifi/ Cleveland Clinic Foundation
CSC0005	E2197	Proposal for Analysis of a Subset of ER+ Breast Cancer Specimens From ECOG E2197	Hannah Gilmore/ Univ. Hospitals Case Medical Center
CSC0006	E3805	Association of PTEN/ERG Status with Response to ChemoHormonal Therapy Versus Androgen Ablation on E3805	Tamara Lotan/ Johns Hopkins University
CSC0009	NCCTG N0147 , NSABP C-08	Genotyping of Tumors and Patients with Stage III Colon Cancer: Identifying Genomic Markers Associated with Recurrence and Poor Outcomes (Sample Request of NCCTG N0147, NSABP C-08)	Richard Goldberg/ Ohio State University
CSC0011	S0816	Biomarkers of Early Treatment Response in Advanced Stage Classical Hodgkin Lymphoma Using Specimens From S0816	David Scott/ British Columbia Cancer Agency
CSC0013	S1107	Exome Sequencing of Tumor Tissue Samples Collected from Patients Participating in S1107 "Parallel (Randomized) Phase II Evaluation of Tivantinib (ARQ-197) and Tivantinib in Combination with Erlotinib in Papillary Renal Cell Carcinoma (pRCC)"	Przemyslaw W. Twardowski/ City of Hope National Medical Center
CSC0014	E3805	Assessment of Gene Expression Profiles (GEP) as a Predictor of Benefit From Chemo-Hormonal Therapy in Metastatic Hormone Sensitive	Christopher Sweeney/ Dana-Farber Cancer Institute
CSC0017	RTOG 0424	Prognostic and Predictive Markers in High-Risk Low-Grade Gliomas: A Study Based On RTOG0424 (Protocol # NRG-BN-TS006)	Arnab Chakravarti/ Ohio State University
CSC0018	RTOG 9601	Association of PTEN/ERG Status with Response to Salvage Radiation Therapy with or Without Anti-Androgen Therapy: A Study of RTOG 9601	Tamara Lotan/ Johns Hopkins University

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CSC0019	<u>S0800</u>	Immune Gene Expression Profiling of Pre-chemotherapy, Needle Biopsies and Residual Cancer Specimens from the S0800 Neoadjuvant Chemotherapy +/- Bevacizumab Trial	Lajos Pusztai/ Yale Cancer Center
CSC0025	<u>NSABP B-31</u>	Association of Stromal Tumor Infiltrating Lymphocytes (sTIL) with Disease Free Survival in HER2 Positive Breast Cancer Patients Enrolled in NSABP B-31	S. Rim Kim/ NRG Oncology
CSC0027	<u>CALGB-10603</u>	Interaction of NPM1 with FLT3 Mutations in Correlation with Host and Disease Features and Response to Induction (Daunorubicin/Cytarabine) and Consolidation (High Dose Cytarabine) Chemotherapy + Midostaurin or Placebo in the Alliance/CALGB-10603 Study.	Richard Stone/ Dana-Farber Cancer Institute
CSC0028	<u>E3805</u>	Analysis of Blood Borne Markers in Hormone Sensitive Metastatic Prostate Cancer from E3805	Christopher Sweeney/ Dana-Farber Cancer Institute
CSC0029	<u>NCIC-MA.27</u>	Pharmacogenomics of aromatase inhibitors in patients entered on the MA.27 clinical trial comparing anastrozole and exemestane as adjuvant therapy for early-stage postmenopausal breast cancer.	James Ingle/ Mayo Clinic
CSC0032	<u>E1900</u>	Precision medicine-guided PARP1 inhibitor-induced synthetic lethality in high risk AMLs from E1900 trial.	Tomasz Skorski/ Temple University
CSC0037	<u>RTOG 0521</u>	C-reactive Protein and the Inflammatory State: Novel Prostate Biomarkers of Aggressive Disease Using RTOG 0521 Serum Specimens	William A. Hall/ Medical College of Wisconsin

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CSC0038	S0806 , S0433	Impact of Mutations in Histone Acetyltransferase Genes CREBBP and EP300 on Outcome in Patients with Diffuse Large B-Cell Lymphoma (DLBCL) Treated with Vorinostat-R-CHOP in S0806, as compared to S0433 (iodine-131 tositumomab plus R-CHOP)	Catharine Smith/ University of Arizona College of Pharmacy
CSC0043	CALGB 89803	Methylated DCR1 as a novel predictive epigenetic biomarker in colon cancer cases from CALGB (Alliance) 89803	William Grady/ Fred Hutchinson Cancer Center
CSC0046	RTOG 0522	A retrospective analysis of RTOG 0522: Does myofibroblast content in the tumor-associated stroma predict response to epidermal growth factor receptor (EGFR) inhibitors in head and neck cancers	Gregory Gan/ University of New Mexico Comprehensive Cancer Center
CSC0048	E3611	Simultaneous Assessment of Biomarkers in the TME and Circulation of Metastatic Melanoma Patients Treated with Ipilimumab and Ipilimumab with Interferon-Alfa in E3611	Ahmad Tarhini/ University of Pittsburgh Cancer Institute
CSC0049	RTOG 96-01	Identifying Early Biomarkers of Anti-Androgen Treatment Resistance from the RTOG 96-01 Clinical Trial	Christopher A. Maher/ Washington University
CSC0050	RTOG 92-02 , RTOG 9413 , RTOG 9902	Discovery and Validation of Genomic Signature Predictive of Response to Long Term Androgen Deprivation Therapy (ADT) for Prostate Cancer Patients receiving Radiation Therapy as First-Line Treatment in RTOG 92-02, 94-13 and 99-02	Felix Feng/ University of California, San Francisco & Paul Nguyen/ Dana- Farber Cancer Institute/Brigham & Women's Hospital
CSC0053	RTOG 8903	Genomic Analysis of Chemoradiotherapy Response in Muscle-Invasive Bladder Tumors from completed RTOG trials: 8903, 9506, 9706, 9906, 0233, and 0524	Kent Mouw/ Dana- Farber Cancer & Jason Efstathiou/ Massachusetts General Hospital

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CSC0054	S9800 , S9911 , S0016	Assessing the predictive value of minimal residual disease measured by High-throughput sequencing in one year marrow specimens, for progression free survival in Follicular Lymphoma trials S9800, S9911 and S0016	Christopher Carlson/ Fred Hutchinson Cancer Center
CSC0055	E1508	Determinants of clinical outcome in small cell lung cancer using 1st line tumor samples from ECOG 1508: Three-arm randomized phase II study of cisplatin and etoposide (CE) versus CE with either vismodegib or cixutumumab for patients with extensive stage-small cell lung cancer	Charles Rudin/ Memorial Sloan Kettering Cancer Center
CSC0064	GOG-0218	Biomarker Discovery to Direct Bevacizumab Therapy in Ovarian Cancer – Blood-based Angiome Profiling in samples from women enrolled on the Gynecologic Oncology Group (GOG) 0218 trial	Angeles Alvarez Secord/ Duke Cancer Institute
CSC0065	NSABP B-34	Protocol for the Retrospective Analysis of Maf Gene Amplification Determined by Fluorescent in Situ Hybridization in Primary Tumor Samples from the Prospective, Randomized NSABP B-34 Clinical Trial	Alexander H.G. Paterson/ Tom Baker Cancer Center, Calgary
CSC0075	RTOG 9601	Validation of a Genomic Classifier (GC) Model Prognostic of Metastasis and Biochemical Failure in a Cohort of High-Risk Prostate Cancer Patients Treated with Salvage Radiation and Anti-Androgen Therapy (AAT) after Radical Prostatectomy from the RTOG 9601 Clinical Trial	Felix Feng/ University of California, San Francisco & Phuoc T. Tran/ Johns Hopkins University
CSC0076	NSABP B-52	Assessment of critical immune markers including PD-L1, PD-1, CD8, FOXP3 and CD68 and their association with pCR in breast cancer patients enrolled into NSABP/NRG B-52 clinical trial	Katherine Pogue- Geile/ NRG Oncology

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CSC0081	RTOG 96-01	The telomere biomarker as a tool to inform decision-making for aggressive salvage therapy in men with rising PSA post prostatectomy in RTOG 9601	Theodore L. DeWeese, MD/ Johns Hopkins University
CSC0082	S0226	Circulating Thymidine Kinase (TK) assay and outcome within SWOG S0226	James Rae/ University of Michigan
CSC0083	RTOG 0126	Validation of a 22-Gene Genomic Classifier to Personalize Radiotherapeutic Dosing in men receiving External Beam Radiotherapy for Localized Intermediate Risk Prostate Cancer in RTOG 01-26	Daniel Spratt/ University of Michigan, Jeff Michalski/ Washington University, Felix Feng/ University of California, San Francisco
CSC0084	E3805	Somatic genomic analyses as predictors of benefit from chemo-hormonal therapy in metastatic hormone sensitive prostate cancer in E3805 CHAARTED	Christopher Sweeney/ Dana-Farber Cancer Institute
CSC0085	CALGB 40502	Intrinsic Subtype and Genomic Signatures of Response in CALGB 40502 (ALLIANCE): A Randomized Phase III Trial of Weekly Paclitaxel Compared to Weekly Nanoparticle Albumin Bound Nab-Paclitaxel or Ixabepilone +/- Bevacizumab as First-Line Therapy for Locally Recurrent or Metastatic Breast Cancer	Daniel Stover/ Ohio State University
CSC0086	CALGB 40502	Tumor Infiltrating Lymphocytes as a Biomarker of Response: CALGB 40502 (ALLIANCE) A Randomized Phase III Trial of Weekly Paclitaxel Compared to Weekly Nanoparticle Albumin Bound Nab-Paclitaxel or Ixabepilone +/- Bevacizumab as First-Line Therapy for Locally Recurrent or Metastatic Breast Cancer	Daniel Stover/ Ohio State University

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CSC0089	RTOG 0126 , RTOG 0415 , RTOG 0521	Genomic Analysis of Severe, Life-Threatening Urinary and Rectal Toxicities Following Radiotherapy for Prostate Cancer in RTOG 0126, 0415, and 0521	Sarah Kern/ University of Rochester
CSC0091	NSABP B-42	NSABP B-42 clinical validation study of ESR1 mRNA by qRT-PCR as a predictor of benefit from extended adjuvant endocrine therapy with letrozole in postmenopausal women with hormone receptor positive breast cancer who have completed previous adjuvant therapy with an aromatase inhibitor	Terry Mamounas/ Orlando Health- University of Florida Health Cancer Center
CSC0092	NSABP B-42	Prediction of Benefit From Extended Adjuvant Aromatase Inhibitor (AI) Therapy and Risk Stratification for Late Distant Recurrence Using the Breast Cancer Index in Postmenopausal Women with Hormone Receptor-Positive (HR+) Breast Cancer in the NSABP B-42 Trial	Terry Mamounas/ Orlando Health- University of Florida Health Cancer Center & Priya Rastogi/ University of Pittsburgh
CSC0093	RTOG 0825	A Molecular Analysis of NRG Oncology/RTOG 0825 to Validate and Refine the Newly Developed NRGGBM-RPA as Well as Refine the New GBM Nomogram in Primary Glioblastoma Patients Treated with Radiation and Temozolomide	Arnab Chakravarti/ Ohio State University
CSC0095	S0106	Understanding and Predicting Relapse in Acute Myeloid Leukemia Using the S0106 Trial	Jerry Radich/ Fred Hutchinson Cancer Center
CSC0097	NSABP B-42	Genomic Analysis of the NSABP-B42 Extended Adjuvant Endocrine Therapy Trial cohort with the 70-gene MammaPrint Assay	Terry Mamounas/ Orlando Health- University of Florida Health Cancer Center
CSC0102	S0221	Nutrient Insufficiency and paclitaxel-induced peripheral neuropathy in SWOG 0221	Daniel Hertz/ University of Michigan

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CSC0106	NSABP C-08 , CALGB 89803	Tumor stromal content as a surrogate for CMS4 molecular subtype and its association with poor prognosis in 5-FU/LV, with lack of benefit from oxaliplatin and bevacizumab in NSABP C-08, but with benefit from irinotecan in CALGB C89803 trial	Soon Paik/ Yonsei University College of Medicine
CSC0108	NSABP C-08	Examination of the tumor immune microenvironment (TME) to identify markers associated with prognosis and benefit from bevacizumab in NRG Oncology/NSABP C-08: Application of multispectral fluorescent-immunohistochemistry to improve prediction of clinical outcomes in colon cancer patients	Katherine Pogue-Geile/ NRG Oncology
CSC0111	RTOG 0522 , RTOG 0129	Quantitative histomorphometric based image risk classifier (QuHbIC) to predict risk of progression in p16+ OP-SCC patients to be validated on RTOG 0522 and RTOG 0129	James Lewis Jr./ Vanderbilt University
CSC0115	NSABP B-31	Replication of genetic variants associated with cardiotoxicity in HER2+ breast cancer patients treated with chemotherapy and trastuzumab in NSABP-B31	Nadine Norton/ Mayo Clinic Florida
CSC0118	RTOG 9512	Association of Oxidative Stress Pathway Alterations with Risk of Treatment Failure in RTOG9512: A Randomized Trial of Hyperfractionation Versus Conventional Fractionation in T2 Squamous Cell Carcinoma of the Vocal Cord	Quynh-Thu Le/ Stanford University
CSC0119	E1505	Analysis of circulating tumor DNA for detection of minimal residual disease in resected stage IB-IIIA non-small cell lung cancer patients from ECOG-ACRIN E1505	Maximilian Diehn/ Stanford University

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CSC0122	CALGB 89803	Evaluation of individual methylated biomarkers as novel predictive epigenetic biomarkers in colon cancer cases from CALGB (Alliance) 89803	Stacey Cohen/ Fred Hutchinson Cancer Center
CSC0123	E2805	Predictive plasmatic markers of progression of patients with non-metastatic clear cell renal cell carcinoma: their influence in the efficacy of anti-angiogenic drugs administered in an adjuvant setting	Gilles Pagès/ INSERM France
CSC0125	N0147	Analysis of Plasma ctDNA in Stage III Colon Cancer Patients Treated with FOLFOX-based Adjuvant Chemotherapy (NCCTG N0147)	Frank Sinicrope/ Mayo Clinic MN
CSC0127	RTOG 0521	Validation of a 22-Gene Genomic Classifier to Personalize Docetaxel Therapy in Men Receiving External Beam Radiotherapy and Androgen Suppression for Localized High Risk Prostate Cancer in RTOG-0521	Phuoc Tran/ Johns Hopkins University & Daniel Spratt/ University of Michigan & Felix Feng/ UCSF
CSC0129	CALGB 40601	CPTAC Analysis of C40601	Matthew Ellis/ Baylor
CSC0133	S0226	Effects of androgen receptor (AR) expression and activity on estrogen receptor alpha positive (ER+) breast cancer outcomes and immune cell composition in the SWOG S0226 study	Anthony Elias/ University of Colorado
CSC0134	NSABP B-28	Tumor MicroEnvironment of Metastasis (TMEM) and Invasive Mena Isoforms: Validation as Prognostic and Predictive Markers in NSABP B28	Joseph Sparano/ Montefiore Medical Center/Albert Einstein College of Medicine
CSC0135	GOG-0240	Angiogenic biomarker discovery to direct bevacizumab therapy in cervical cancer - Blood-based Angiome Profiling: An ancillary analysis of GOG-0240	Angeles Secord/ Duke Cancer Institute
CSC0139	NSABP B-42	Prognostic and Predictive Performance of OncoMasTR multigene signature in NSABP B-42	John Crown/ St. Vincent's University Hospital, Dublin, Ireland

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CSC0141	E2805	Discovery and validation of novel genetic variants associated with outcome and safety of treatments of RCC patients in ASSURE (E2805)	Federico Innocenti/ University of North Carolina
CSC0143	RTOG-0617	IDO Biomarker and Immunomodulating Cytokines to Predict Distant Metastasis and Survival after Chemoradiation in Non-Small Cell Lung Cancer: A Secondary Analysis for RTOG 0617 Study	Feng-Meng (Spring) Kong & Mitch Machtay/ Case Western Reserve University
CSC0145	N0147	Evaluation of Consensus Molecular Subtypes as a Predictive Marker for Cetuximab Benefit in Stage III Colon Cancer (N0147)	Edmund (Scott) Kopetz/ MD Anderson Cancer Center
CSC0146	NSABP B-40	Development and testing of RNA signatures predictive of pCR in NRG Oncology/NSABP clinical trial B-40	Katherine Pogue-Geile/ NSABP
CSC0147	CALGB 90601	Associations of circulating tumor DNA with response to cisplatin-based chemotherapy in patients with metastatic urothelial carcinoma enrolled onto CALGB (Alliance) 90601	Jonathan E. Rosenberg/ Memorial Sloan Kettering Cancer Center
CSC0148	GOG-0258	Molecular Classification of Endometrial Advanced Stage Cancers and Association with Survival Outcomes: Ancillary Analysis of GOG-0258	Aine Clements/ Riverside Methodist Hospital, OH
CSC0152	N0147, NSABP C-08	Genotyping of Tumors and Patients with Stage III Colon Cancer: Identifying Genomic Markers Associated with Recurrence and Poor Outcomes (sample request of NCCTG N0147, NSABP C-08)	Frank A. Sinicrope, MD, Mayo Clinic
CSC0153	AOST0331	Evaluation of MYC Amplification as a Prognostic Biomarker in Osteosarcoma using samples from AOST0331, INT-0133, and P9754	Sarah Whittle, MD, MS, Texas Children's Hospital/Baylor College of Medicine
CSC0154	C9741	Validation of the SET2,3 assay in CALGB-9741	W. Fraser Symmans, MD, MD Anderson, TX, & Otto Metzger, MD, DFCI

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CSC0156	E1912	Genetic and Immunologic studies in CLL patients on E1912	Neil Kay, MD, Mayo Clinic
CSC0158	RTOG 9512	Chromosomal instability as a potential mechanism and marker of radiation sensitivity in laryngeal carcinoma patients treated with definitive radiation in RTOG 9512	Pippa Cosper, MD, PhD, University of Wisconsin
CSC0159	A031201	Clinical genomic predictive model of first line androgen receptor inhibitor therapy outcomes in men with mCRPC treated in the phase III Alliance A031201 clinical trial	Susan Halabi, PhD, Duke University
CSC0160	E2805	Evaluating the ability of plasma cell-free methylated DNA to predict postoperative recurrence in patients with renal cell carcinoma from the ECOG-ACRIN E2805 trial	Toni Choueiri, MD, DFCI
CSC0162	GOG-0249	Molecular Classification of Stage I and II High-Intermediate and High Risk Endometrial Cancers and Association with Survival Outcomes: Ancillary Analysis of GOG-0249	Rebecca Previs, MD and Angeles Secord, MD, Duke Cancer Institute
CSC0167	RTOG 9501 and RTOG 0234	Quantitative histomorphometric computer-based image risk classifier to predict risk of progression in Oral Cavity Squamous Cell Carcinoma (OC-SCC) patients to be validated on RTOG 9501 and RTOG 0234	Anant Madabhushi, PhD, CWRU James Lewis Jr, MD, Vanderbilt UMC
CSC0168	RTOG 0534	Validation of Genomic Biomarkers to Personalize Hormonal Therapy in Men Receiving Post-Operative External Beam Radiotherapy and Androgen Suppression for Prostate Cancer in NRG/RTOG 0534	Felix Feng, MD, UCSF; Phuoc Tran, MD, PhD, Johns Hopkins; Alan Pollack, MD, PhD, U Miami

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CSC0175	CALGB 40601 , CALGB-40603 , NSABP B-31 , NSABP B-52 , S0221	The NCI Confluence Project: a Large, Collaborative Multi-Ancestry Genome Wide Association Study of Breast Cancer Germline Genetics, Requesting Data and DNA From CALGB-40601, CALGB-40603, NSABP-B-31, NSABP-B-52, and S0221 to Discover Loci for Breast Cancer Risk, Prognosis, Long-Term Survival, Response to Treatment, and Second Breast Cancer	Gretchen Gierach, PhD, MPH, NCI, Division of Cancer Epidemiology and Genetics (DCEG)
CSC0177	GOG-0286B	Obesity-driven Metabolic and Molecular Biomarkers of Metformin Response in Endometrial Cancer: Analysis of GOG-0286B	Victoria Bae-Jump, MD, PhD, UNC at Chapel Hill
CSC0182	AALL0932 , AALL1131	Identification of novel microRNA based predictors for early relapse of pediatric acute lymphoblastic leukemia (NCT01190930 NCT01406756)	Ernest Amankwah, PhD, Johns Hopkins Children's Hospital
CSC0184	NCIC-MA.27	Interrogating Clonal Hematopoiesis as a Determinant of Metastatic Relapse in Breast Cancer in the MA.27 Trial (NCT00066573)	Robert Vanner, MD, PhD, Princess Margaret Hospital, Toronto
CSC0185	CALGB-90601	Sequencing of matched normal buffy coats to optimize an ongoing analysis of circulating tumor DNA (ctDNA) from CALGB 90601	Jonathan E. Rosenberg, MSKCC
CSC0189	NSABP B-42	Evaluation of the Sensitivity to Endocrine Therapy (SET ER/PR) assay to predict benefit from extended duration of adjuvant endocrine therapy in the NSABP B-42 trial	Eleftherios (Terry) P. Mamounas, MD, MPH, Orlando; Priya Rastogi, MD, Pittsburgh Cancer Institute
CSC0197	CALGB 90203	Development of artificial intelligence-based predictive and prognostic biomarkers in CALGB 90203 using digital pathology imaging	Himisha Beltran, MD, DFCI
CSC0198	ARAR0332	Defining the Immune Cell Infiltrate in Pediatric Adrenocortical Tumors (ACT) Utilizing Quantitative Multiplex Immunohistochemistry; An Analysis of Samples from COG ARAR0332	Robyn Gartrell, MD, Columbia University

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CSC0199	Q9401	Q9401: Expression of immune checkpoint proteins in Wilms tumors previously enrolled on the NWTS-5 trial and analyzed by TARGET initiative and correlation with genomic and transcriptomic markers	Kenneth Chen, MD, UT Southwestern
CSC0201	A031201	Serum Androgens, Genetic Variants of Androgen Production and Relationship to Clinical Outcome in mCRPC Patients on A031201	Charles Ryan, MD, University of Minnesota
CSC0207	N9831	Prognostic Value of Breast Cancer Index for Risk of Late Relapse in Hormone Receptor-positive HER2-positive Breast Cancer in NCCTG N9831	Saranya Chumsri, MD, Mayo Clinic, FL
CSC0209	D9602 , D9802 , and D9803	NAPRT Expression in RMS TMA samples from D9602, D9802, D9803	Juan Vasquez, MD, Yale School of Medicine, CT
CSC0210	E2805	Exploring the role of PBRM1 in predicting response to antiangiogenic therapy in ASSURE (E2805) trial	Payal Kapur, MD, UT Southwestern Medical Center, Dallas, TX
CSC0211	A9952 , A9961 , AEWS0031 , D9602 , D9802 , D9803 , Q9401	Expression of Human Epidermal Growth Factor Receptor 2 and Other Tumor-Associated Antigens in Select Pediatric Solid Tumors in Tumor Tissue Microarrays Developed from Samples Obtained from Clinical Trials: CNS: A9952, A9961; EWS: AEWS0031; REN: Q9401 (4941), and STS: D9602, D9803, D9802	Ronald Alan Fleming, PharmD, Daichi Sankyo, Inc., NJ
CSC0212	E2805	EZH2/androgen receptor expression and drug resistance in renal cell carcinoma patients - E2805 (ASSURE trial)	Roberto Pili, MD, University at Buffalo, NY
CSC0214	RTOG 0617	Personalizing Radiotherapy Prescription Dose for Lung Cancer Using Genomic Markers of Radiosensitivity in RTOG 0617	Javier Torres-Roca, Md, Moffitt Cancer Center, FL

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CSC0215	AHOD0031	AHOD0031-A Phase III Groupwide Study of Dose-Intensive Response-Based Chemotherapy and Radiation Therapy for Children and Adolescents with Newly Diagnosed Intermediate Risk Hodgkin Disease: The spatially resolved tumor microenvironment of pediatric Hodgkin lymphoma	Christian Steidl, MD, PhD and Tomohiro Aoki, MD, PhD, BC Cancer, part of Provincial Health Services Authority, Vancouver, BC, Canada
CSC0218	CALGB 80702	Baseline ctDNA status, survival and response to adjuvant FOLFOX treatment by treatment duration in stage III CRC patients enrolled in CALGB 80702	Jonathan Nowak, MD, PhD, DFCI
CSC0219	RTOG 0522	Proteomic Profiling as a predictive biomarker in NRG/RTOG 0522 from Pre-Treatment Plasma Samples	Randall J. Kimple, MD, PhD, University of Wisconsin
CSC0223	CALGB 100104	Clonal hematopoiesis in multiple myeloma patients receiving lenalidomide following stem cell transplantation in CALGB-100104	Adam Sperling, MD, PhD, DFCI, MA
CSC0224	CALGB 40101	Validation of the Sensitivity to Endocrine Therapy (SET-ER/PR) index to predict survival benefit from paclitaxel versus anthracycline as dose-dense chemotherapy in CALGB 40101	Fraser Symmans, MD, MD Anderson, and Otto Metzger, MD DFCI
CSC0226	PACCT-1	PACCT-1: Whole Exome and Transcriptome Profiling of TAILORx	Joseph Sparano, MD, Icahn School of Medicine at Mount Sinai
CSC0227	PACCT-1	Program for the Assessment of Clinical Cancer Tests (PACCT-1): Trial Assigning Individualized Options for Treatment: The TAILORx Trial	Joseph Sparano, MD, Icahn School of Medicine at Mount Sinai
CSC0234	NSABP B-28 , NSABP B-30	Identifying molecular predictors of late recurrence in invasive lobular breast cancer in patients enrolled on NSABP B-28 and B-30	Julia Foldi, MD, PhD, University of Pittsburgh School of Medicine
CSC0236	NSABP C-07 , NSABP C-08	Whole Transcriptomic Profiling of NRG Oncology/NSABP C-07 and C-08	Katherine Pogue-Geile, PhD, NSABP

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CSC0238	RTOG 0126 , RTOG 0534	Germline Influence on Prostate Cancer Metastasis and Treatment Response in RTOG 0126 and RTOG 0534	Tyler Seibert, MD, PhD, University of California - San Diego
CSC0239	PACCT-1	Influence of germline predisposition gene mutations on the 21-gene recurrence score assay and clinical outcomes in the TAILORx study (PACCT-1)	Siddhartha Yadav, MD and Fergus J. Couch, PhD, Mayo Clinic, MN
CSC0242	RTOG 0534	Next Generation Sequencing Biomarkers to Personalize Hormonal Therapy and Pelvic Lymph Node Radiation Therapy in Men Receiving Post-Operative External Beam Radiotherapy and Androgen Suppression for Prostate Cancer in NRG/RTOG 0534	Jeffry Simko, MD, PhD, UCSF; Felix Feng, MD, UCSF; Phuoc Tran, MD, PhD, University of Maryland; Allan Pollack, MD, PhD, University of Miami, FL
CSC0247	E1912	Genetic and Immunologic studies in CLL patients on E1912	Neil Kay, MD, Mayo Clinic, MN
CSC0250	E3805	Germline correlates of prognosis and benefit of chemohormonal therapy in men with metastatic hormone sensitive prostate cancer (mHSPC) treated on E3805 CHAARTED	Christopher Sweeney, MBBS, South Australian Immunogenomics Cancer Institute, Adelaide, South Australia, Australia and Mark Pomerantz, MD, Dana Farber Cancer Institute, Boston, MA
CSC0251	NSABP-B-43	Use of Biosignatures to Select DCIS Patients from NSABP-B-43 Who Would Significantly Benefit from Radiation Therapy + Trastuzumab vs. Radiation Therapy Alone	Frank Vicini, MD, Michigan Healthcare Professionals
CSC0252	PACCT-1	Clonal Hematopoiesis as a Driver of Adverse Outcomes in the TAILORx Trial (PACCT-1)	Ross Levine, MD

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CSC0259	AALL0031 , AALL0622 , AALL1122 ; co-enrolled on AALL0232 , AALL0331 , AALL0434 , AALL0631 , AALL0932 , AALL1131 , ASCT0431 , ASCT0631 , CCG-1991	Investigating the mechanisms of relapse and identifying novel prognostic biomarkers in pediatric Philadelphia chromosome-positive acute lymphoblastic leukemia (CCG-1991, AALL0232, AALL0331, AALL0434, AALL0631, AALL0932, AALL1131, ASCT0431, ASCT0631)	Thai Hoa Tran, MD, FRCPC, CHU Sainte-Justine Research Centre, Montreal, Quebec, Canada
CSC0260	AALL0932	The association of cytomegalovirus at diagnosis and clinical outcomes of precursor B-cell acute lymphoblastic leukemia in standard risk patients from AALL 0932	Rachel Gallant, MD, MS, University of Oklahoma Health Sciences Center
CSC0263	C80405 , E3200	Prognostic and treatment-predictive AI-histology biomarker development and validation in advanced and metastatic colorectal cancer using the E3200 and CALGB 80405 trials	Richard Goldberg, MD, West Virginia University
CSC0264	N107C	A secondary analysis of CEC3/N107C to determine whether brain metastasis histopathological growth pattern is associated with differential outcomes in patients treated with post-operative stereotactic radiosurgery or whole brain radiotherapy.	David Roberge, MD, Centre Hospitalier Université de Montréal (CHUM)
CSC0269	E5103	E5103: Tumor Evolution and escApe to Metastasis (TEAM) Project	Joseph Sparano, MD, Icahn School of Medicine at Mount Sinai, NY
CSC0272	GOG-0249 , GOG-0258	HER2 expression within molecular subgroups of endometrial cancer and association with survival outcomes: Ancillary analysis of GOG-0249 and GOG-0258	Mary M Mullen, MD, MSCI, Washington University School of Medicine, St. Louis, MO

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CSC0278	RTOG-0415 , RTOG-0521 , RTOG-0815	Radiogenomic-Based Prediction of Moderate and Severe Normal Tissue Toxicities Following Prostate Cancer Radiotherapy in RTOG-0415, -0521, and -0815	Sarah Kerns, PhD, MPH, The Medical College of Wisconsin
CSC0279	CALGB-40503	Correlative analysis of CALGB 40503: Degree of estrogen suppression with letrozole and impact on outcomes in patients with advanced hormone receptor-positive breast cancer	Ann H. Partridge, MD, MPH, Dana-Farber Cancer Institute, Boston, MA
CSC0293	RTOG-0126	Prognostic Performance of OncoAssure Prostate in RTOG-0126 clinical trial specimens	John Crown, MB BAO BCh, MBA, Cancer Trials Ireland, Dublin, Ireland
CSC0294	S1203	Proximal ligation sequencing (PLS) for S1203, A Randomized Phase III Study of Standard Cytarabine Plus Daunorubicin (7+3) Therapy Versus Idarubicin with High Dose Cytarabine (IA) with or without Vorinostat (IA+V) in Younger Patients with Previously Untreated Acute Myeloid Leukemia (AML)	Jerald Radich, MD, Fred Hutchinson
CSC0299	ARST0332 and ARST1321	Prevalence of tertiary lymphoid structures (TLS) and their impact on the survival among patients with non-rhabdomyosarcoma soft tissue sarcoma (NRSTS) treated on the Children's Oncology Group Studies (COG) ARST0332 and ARST1321	Jennifer Black, MD, Children's Hospital Colorado, Aurora, CO
CSC0301	NSABP B-42	Validation of a Prognostic and Predictive Foundation Model-Based Artificial Intelligence Test in Hormone Receptor-Positive Early-Stage Breast Cancer: Secondary Analysis of NSABP B-42 Data for Enhanced Risk Stratification and Predicting Extended Letrozole Therapy Benefit	Shimoli Barot, MD, Cleveland Clinic, OH

Proposal #	Clinical trial(s) from which specimens were requested	Proposal Title	Proposal Principal Investigator/ Institution
CSC0303	E1505	Deciphering the Roles of Clonal Hematopoiesis in Early Stage Non-Small Cell Lung Cancer from E1505 trial	Janghee Woo, MD, PhD, Winship Cancer Institute of Emory University, Atlanta, GA
CSC0305	ACNS0331 and ACNS0332	Prognostic biomarkers for improving risk-stratification in pediatric medulloblastoma: ACNS0331 and ACNS0332 Cohorts	Marwa Ismail, PhD and Pallavi Tiwari, PhD, University of Wisconsin-Madison, WI
CSC0314	NSABP B-49	Utility of the 70-gene MammaPrint Assay for Prediction of Benefit from Adjuvant Anthracycline in the HR+/HER2-negative Cohorts in the ABC Trials (USOR 06-090, NSABP B-46-I/USOR 07132, NSABP B-49)	Charles E. Geyer, MD, UPMC Hilman Cancer Center, University of Pittsburgh School of Medicine, PA