



## Michael S Binkley, MD, MS

Assistant Professor of Radiation Oncology (Radiation Therapy)

Radiation Oncology - Radiation Therapy

### CLINICAL OFFICE (PRIMARY)

- **Department of Radiation Oncology**

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### Bio

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#### BIO

Dr. Binkley is a radiation oncologist specializing in lymphoma treatment and an assistant professor in the Stanford University School of Medicine Department of Radiation Oncology.

His clinical expertise includes stereotactic ablative radiotherapy (SABR), total lymphoid and total body irradiation, and intensity modulated radiation therapy (IMRT).

For each patient, Dr. Binkley develops a personalized, comprehensive, and compassionate care plan. His goals are to improve both health and quality of life.

Dr. Binkley has conducted extensive research to advance cancer treatment. In his post-doctoral fellowship at Stanford, he studied the use of genomic signatures to predict response to radiotherapy. His current clinical and laboratory research seek to identify prognostic and predictive clinical, radiographic, and genomic factors to inform individualized treatment strategies.

He has co-authored articles on his research discoveries published in Journal of Clinical Oncology, Cancer Discovery, Blood, the International Journal of Radiation Oncology\*Biography\*Physics, and elsewhere. Topics have included innovations in the treatment of lymphoma and lung cancer.

He also has made invited presentations to colleagues at national and international conferences. He has presented the latest findings on radiation therapy for lung cancer and lymphoma at meetings of the American Society of Clinical Oncology (ASCO), American Society for Radiation Oncology (ASTRO), and International Conference on Malignant Lymphoma (ICML).

Honors for Dr. Binkley include the Malcolm A. Bagshaw Award for leadership and outstanding scientific achievement. This award is named for a pioneer in radiation therapy and former chair of the Departments of Radiology and Radiation Oncology at Stanford University School of Medicine.

Dr. Binkley is a member of the American Society of Clinical Oncology, American Society for Radiation Oncology, and American Association for Cancer Research. He is a founding member of the Global nLPHL One Working (GLOW) Working Group, an international collaboration studying nodular lymphocyte-predominant Hodgkin lymphoma (NLPHL) in children and adults.

## CLINICAL FOCUS

- Radiation Oncology
- Lymphoma

## ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Radiation Oncology - Radiation Therapy
- Member, Stanford Cancer Institute

## PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Radiation Oncology (2021) CA
- Board Certification: Radiation Oncology, American Board of Radiology (2022)
- Internship: Santa Clara Valley Medical Center Internal Medicine Residency (2017) CA
- Medical Education: Stanford University School of Medicine (2016) CA

## Teaching

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### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Jennifer Chiang

## Publications

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### PUBLICATIONS

- **Distinct cell state ecosystems for nodular lymphocyte-predominant Hodgkin lymphoma.** *Nature communications*  
Subramanian, A., Su, S., Flerlage, J., Alig, S., Younes, S., Marks, L. J., Pinnix, C., Vega, F., Steiner, R., Kumar, P., Mocikova, H., Sykороva, A., Prochazka, et al  
2025; 16 (1): 8473
- **Integrating ctDNA Analysis and Radiomics for Dynamic Risk Assessment in Localized Lung Cancer.** *Cancer discovery*  
Moding, E. J., Shahrokh Esfahani, M., Jin, C., Hui, A. B., Nabet, B. Y., Liu, Y., Chabon, J. J., Binkley, M. S., Kurtz, D. M., Hamilton, E. G., Chaudhuri, A. A., Liu, C. L., Li, et al  
2025: OF1-OF21
- **An ultrasensitive method for detection of cell-free RNA.** *Nature*  
Nesselbush, M. C., Luca, B. A., Jeon, Y. J., Jabara, I., Meador, C. B., Garofalo, A., Binkley, M. S., Hui, A. B., van 't Erve, I., Xu, N., Shi, W. Y., Liu, K. J., Sugio, et al  
2025
- **Urgent and emergent radiotherapy for hematologic malignancies of the central nervous system: a review of the literature and practical approach.** *Frontiers in oncology*  
Tringale, K. R., Imber, B. S., Cederquist, G. Y., Yahalom, J., Moore, Z. R., Hoppe, R. T., Binkley, M. S., Ross, J. B., Wijetunga, N. A., Sanghvi, P., Casey, D. L., Hiniker, S. M.  
2025; 15: 1511261
- **An International Lymphoma Radiation Oncology Group Study of Radiation Therapy for Bilateral Indolent Orbital Adnexal Lymphomas.** *International journal of radiation oncology, biology, physics*

- Tran, K., Oh, D., Tsang, R., Suh, C. O., Yoon, H. I., Byun, H. K., Taguchi, S., Gunther, J. R., Dabaja, B., Pinnix, C. C., Plataras, J., Wright, C., Imber, et al  
2025
- **Patient and care partner perspectives on treatment decision-making in nodular lymphocyte-predominant Hodgkin lymphoma (NLPHL): a Global nLPHL One Working Group (GLOW) study.** *Leukemia & lymphoma*  
Major, A., Palese, M., Jones, A., Goes, M., Binkley, M. S., Flerlage, J. E., Crabtree, V. M.  
2025: 1-5
  - **Global nLPHL One Working Group (GLOW) Research Roadmap for Nodular Lymphocyte-Predominant Hodgkin Lymphoma.** *Pediatric blood & cancer*  
Palese, M., Advani, R. H., Biney-Amisshah, D., Birz, S., Collins, G. P., Hoppe, R. T., Kelly, K. M., Page-Kirby, C., Binkley, M. S., Flerlage, J. E.  
2025: e31646
  - **Mapping the Tumor Microenvironment of Pediatric Classic Hodgkin Lymphoma Unveils a Unique Spatial Composition and Prognostic Microenvironment Populations**  
Younes, S., Subramanian, A., Zhao, S., Li, Y., Mulholland, J., Miranda, M., Castellano, M., Binkley, M., Luna-Fineman, S., Natkuna, Y., Silva, O.  
ELSEVIER SCIENCE INC.2025
  - **Evolutionary Pressures Shape Undifferentiated Pleomorphic Sarcoma Development and Radiotherapy Response.** *Cancer research*  
Blomain, E., Soudi, S., Wang, Z., Somani, A., Subramanian, A., Nouth, S. C., Oladipo, E., New, C., Kenney, D. E., Nemat-Gorgani, N., Kindler, T., Avedian, R. S., Steffner, et al  
2025
  - **Rising to the Top: How Immune-Checkpoint Inhibitors are Changing the Landscape of Treatment for Classic Hodgkin Lymphoma.** *Seminars in radiation oncology*  
Lynch, R. C., Binkley, M. S.  
2025; 35 (1): 40-46
  - **Predictors of Atrial Fibrillation After Thoracic Radiotherapy.** *JACC. CardioOncology*  
Butler, S., No, H., Guo, F., Merchant, G., Park, N. J., Jackson, S., Clark, D. E., Vitzthum, L., Chin, A., Horst, K., Hoppe, R. T., Loo, B. W., Diehn, et al  
2024; 6 (6): 935-945
  - **Impact of Myc-Altered Pathology on Radiotherapy Efficacy Among Patients with Relapsed/Refractory Large-B Cell Lymphoma: A Collaborative Study by XXX: Impact of double hit pathology on RT efficacy.** *International journal of radiation oncology, biology, physics*  
Tseng, Y. D., Stevenson, P., Nguyen, B., Li, D. C., Lee, D., Paydar, I., Nakashima, J., Balogh, A., Ravella, R., Barbour, A. B., Post, C., Ababneh, H., Pinnix, et al  
2024
  - **Distinct Molecular Aberrations of Classic Hodgkin Lymphoma in Older Adults Identified By Comprehensive Genomic Profiling**  
Rossi, C., Boegeholz, J., Goldstein, J. S., Shi, S., Su, S., Tessoulin, B., Alig, S. K., Garofalo, A., Esfahani, M., Schroers-Martin, J. G., Liu, C., Olsen, M., Kang, et al  
ELSEVIER.2024: 853-854
  - **A Standard Operating Protocol for Pre-Transplant Low Dose Splenic Radiotherapy for Patients with Myelofibrosis**  
Baniel, C., Park, N., Klebaner, D., Shomali, W., Gotlib, J., Arai, S., Hiniker, S., Hoppe, R. T., Johnston, L., Binkley, M. S.  
ELSEVIER.2024: 2116-2117
  - **Investigating Treatment Kinetics and Local Response during and after Bridging Radiotherapy Prior to CAR-T Cell Therapy for Lymphomas**  
Klebaner, D., Park, N., Marar, M., Frank, M. J., Hiniker, S., Hoppe, R. T., Schroers-Martin, J. G., Advani, R. H., Alizadeh, A. A., Bharadwaj, S., Miklos, D. B., Dahiya, S., Binkley, et al  
ELSEVIER.2024: 7130-7131
  - **Comprehensive Characterization of the Cell States and Ecosystems in Classic Hodgkin Lymphoma Using Single-Cell RNA-Seq, Digital Deconvolution, and Machine Learning**  
Su, S., Subramanian, A., Flerlage, T., Flerlage, J. E., Rossi, C., Noordenbos, T., Schroers-Martin, J. G., Moding, E. J., Hoppe, R. T., Advani, R. H., Natkunam, Y., Alizadeh, A. A., Binkley, et al  
ELSEVIER.2024: 4369-4370
  - **Volumetric modulated arc therapy total body irradiation improves toxicity outcomes compared to 2D total body irradiation.** *Frontiers in oncology*  
Hui, C., Simiele, E., Lozko, Y., Romero, I., Skinner, L., Binkley, M. S., Hoppe, R., Kovalchuk, N., Hiniker, S. M.

2024; 14: 1459287

- **Spatial phenotyping of nodular lymphocyte predominant Hodgkin lymphoma and T-cell/histiocyte-rich large B-cell lymphoma.** *Blood cancer journal*  
Younes, S., Subramanian, A., Khan, A., Zhao, S., Binkley, M., Natkunam, Y.  
2024; 14 (1): 92
- **4-Year Experience with the VMAT TBI Technique using Autoplanning Scripts**  
Kovalchuk, N., Simiele, E., Skinner, L., Yang, Y., Hui, C., Binkley, M., Hoppe, R., Hiniker, S.  
ELSEVIER IRELAND LTD.2024: S3622-S3625
- **First in human Phase I Clinical Trial of Stereotactic Irradiation to Achieve Lung Volume Reduction (SILVR) in Severe Emphysema.** *International journal of radiation oncology, biology, physics*  
Kamtam, D. N., Binkley, M. S., Kapula, N., Sadeghi, C., Nesbit, S., Md, H. H., Chang, J., Maxim, P. G., Diehn, M., Loo, B. W., Shrager, J. B.  
2024
- **INVESTIGATING THE PREDICTIVE UTILITY OF DOSIMETRY AND IMAGING FOR GRADE  $\geq 3$  CARDIAC EVENTS AFTER BREAST CANCER RADIOTHERAPY**  
Guo, F., No, H., Butler, S., Jackson, S., Rhee, J., Clark, D., Marquez, C., Horst, K., Binkley, M.  
ELSEVIER SCIENCE INC.2024: 2658
- **International Prognostic Score for Nodular Lymphocyte-Predominant Hodgkin Lymphoma.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Binkley, M. S., Flerlage, J. E., Savage, K. J., Akhtar, S., Steiner, R., Zhang, X. Y., Dickinson, M., Prica, A., Major, A., Hendrickson, P. G., Hopkins, D., Ng, A., Casulo, et al  
2024: JCO2301655
- **Sarcoma microenvironment cell states and ecosystems are associated with prognosis and predict response to immunotherapy.** *Nature cancer*  
Subramanian, A., Nemat-Gorgani, N., Ellis-Caleo, T. J., van IJzendoorn, D. G., Sears, T. J., Somani, A., Luca, B. A., Zhou, M. Y., Bradic, M., Torres, I. A., Oladipo, E., New, C., Kenney, et al  
2024
- **Spatial Phenotyping of Nodular Lymphocyte Predominant Hodgkin Lymphoma in Transition to Diffuse Large B-Cell Lymphoma**  
Younes, S., Erskine, A., Subramanian, A., Khan, A., Zhao, S., Binkley, M., Natkunam, Y.  
ELSEVIER SCIENCE INC.2024: S1515-S1516
- **Lisocabtagene maraleucl for treatment of relapsed and refractory primary mediastinal large B-cell lymphoma in an adolescent patient.** *EJHaem*  
Lee, D., Goyal, A., Wang, W. L., Ananth, S., Lau, E., Binkley, M. S., Bharadwaj, S., Dahiya, S.  
2024; 5 (1): 153-156
- **Distinct Hodgkin lymphoma subtypes defined by noninvasive genomic profiling.** *Nature*  
Alig, S. K., Esfahani, M. S., Garofalo, A., Li, M. Y., Rossi, C., Flerlage, T., Flerlage, J. E., Adams, R., Binkley, M. S., Shukla, N., Jin, M. C., Olsen, M., Telenius, et al  
2023
- **Predicting Adverse Cardiac Events After Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer.** *JACC. CardioOncology*  
No, H. J., Guo, F. B., Park, N. J., Kastelowitz, N., Rhee, J. W., Clark, D. E., Chin, A. L., Vitzthum, L. K., Horst, K. C., Moding, E. J., Loo, B. W., Diehn, M., Binkley, et al  
2023; 5 (6): 775-787
- **Genomic, Transcriptional, and Immunological Validation of Distinct Molecular Subtypes of Classic Hodgkin Lymphoma through Tissue-Based and Noninvasive Methods**  
Alig, S. K., Esfahani, M., Garofalo, A., Li, M., Rossi, C., Flerlage, T., Flerlage, J. E., Adams, R., Binkley, M. S., Shukla, N., Jin, M., Olsen, M., Telenius, et al  
AMER SOC HEMATOLOGY.2023
- **Inferred Gene Expression By Cell-Free DNA Profiling Allows Noninvasive Lymphoma Classification**  
Mutter, J. A., Esfahani, M., Schroers-Martin, J., Alig, S. K., Hamilton, M. P., Sworder, B. J., Tessoulin, B., Boegeholz, J., Flerlage, T., Flerlage, J. E., Binkley, M. S., Sugio, T., Rossi, et al  
AMER SOC HEMATOLOGY.2023

- **Analysis of PET-CT Derived Radiomic Biomarkers with Efficacy, Safety, and Expansion of Axicabtagene Ciloleucel (Axi-Cel) in Patients with Relapsed or Refractory Large B-Cell Lymphoma (LBCL)**  
Bharadwaj, S., Lau, E., Hashmi, A., Hamilton, M. P., Jensen, A., Goyal, A., Marar, M., Lee, C., Ananth, S., Sahaf, B., Mallampet, J., Ehlinger, Z., Syal, et al  
AMER SOC HEMATOLOGY.2023
- **Investigating the Cell States and Prognostic Impact of Tumor Microenvironment Ecosystems in Classic Hodgkin Lymphoma**  
Su, S., Subramanian, A., Flerlage, T., Flerlage, J. E., Alig, S. K., Moding, E. J., Hoppe, R. T., Advani, R. H., Natkunam, Y., Alizadeh, A. A., Binkley, M. S.  
AMER SOC HEMATOLOGY.2023
- **The pathobiology of select adolescent young adult lymphomas. *EJHaem***  
Steidl, C., Kridel, R., Binkley, M., Morton, L. M., Chadburn, A.  
2023; 4 (4): 892-901
- **Investigating the tissue specificity and prognostic impact of cis-regulatory cancer risk variants. *Human genetics***  
Subramanian, A., Su, S., Moding, E. J., Binkley, M. S.  
2023
- **Treatment Approaches for Nodular Lymphocyte-Predominant Hodgkin Lymphoma. *Clinical lymphoma, myeloma & leukemia***  
Binkley, M. S., Advani, R. H.  
2023
- **Spatial phenotyping of Nodular Lymphocyte Predominant Hodgkin Lymphoma and T-cell/Histiocyte-Rich Large B-cell Lymphoma using PhenoCycler (formerly CODEX)**  
Younes, S., Subramanian, A., Khan, A., Zhao, S., Binkley, M., Natkunam, Y.  
ELSEVIER SCIENCE INC.2023: S1261-S1262
- **Improved outcomes for relapsed/refractory Hodgkin lymphoma after autologous transplantation in the era of novel agents. *Blood***  
Spinner, M. A., Sica, R. A., Tamesis, J. S., Lu, Y., Chang, C., Lowsky, R., Frank, M. J., Johnston, L. J., Miklos, D. B., Muffly, L., Negrin, R. S., Rezvani, A. R., Shiraz, et al  
2023
- **Investigating and modeling positron emission tomography factors associated with large cell transformation from low-grade lymphomas. *EJHaem***  
Obeid, J. P., Hiniker, S. M., Schroers-Martin, J., Guo, H. H., No, H. J., Moding, E. J., Advani, R. H., Alizadeh, A. A., Hoppe, R. T., Binkley, M. S.  
2023; 4 (1): 90-99
- **STK11 Inactivation Predicts Rapid Recurrence in Inoperable Early-Stage Non-Small-Cell Lung Cancer. *JCO precision oncology***  
Katipally, R. R., Spurr, L. F., Gutiontov, S. I., Turchan, W. T., Connell, P., Juloori, A., Malik, R., Binkley, M. S., Jiang, A. L., Rouhani, S. J., Chervin, C. S., Wanjari, P., Segal, et al  
2023; 7: e2200273
- **Investigating Metabolic Response after CAR-T Therapy and Bridging Radiotherapy for Relapsed/Refractory B-Cell Lymphoma**  
Marar, M., Hiniker, S., Hoppe, R., Binkley, M.  
AMER SOC HEMATOLOGY.2022: 12786-12787
- **Intracranial Control With Combination BRAF and MEK Inhibitor Therapy in Patients With Metastatic Melanoma. *Cureus***  
Hui, C., Wu, Y. F., Liu, K., Sandhu, N., Blomain, E., Binkley, M. S., Gephart, M. H., Chang, S. D., Li, G. H., Reddy, S. A., Soltys, S. G., Pollom, E.  
2022; 14 (11): e31838
- **Intracranial Control With Combination BRAF and MEK Inhibitor Therapy in Patients With Metastatic Melanoma *Cureus***  
Hui, C., Wu, Y., et al  
2022; 14 (11): e31838
- **Analysis of Metabolic Tumor Volume in Patients Undergoing Radiotherapy Prior to or After CAR-T Therapy for Relapsed/refractory Aggressive B Cell Lymphoma**  
Marar, M., Hiniker, S., Hoppe, R., Binkley, M.  
LIPPINCOTT WILLIAMS & WILKINS.2022: S12-S13
- **Characterizing the immune microenvironment for nodular lymphocyte-predominant Hodgkin lymphoma. *British journal of haematology***

Binkley, M. S.  
2022

- **The Combination of Radiotherapy and Complement C3a Inhibition Potentiates Natural Killer cell Functions Against Pancreatic Cancer.** *Cancer research communications*  
Sodji, Q. H., Nambiar, D. K., Viswanathan, V., von Eyben, R., Colburg, D., Binkley, M. S., Li, C. G., Olcina, M. M., Chang, D. T., Le, Q., Giaccia, A. J.  
2022; 2 (7): 725-738
- **Inferring gene expression from cell-free DNA fragmentation profiles.** *Nature biotechnology*  
Esfahani, M. S., Hamilton, E. G., Mehrmohamadi, M., Nabet, B. Y., Alig, S. K., King, D. A., Steen, C. B., Macaulay, C. W., Schultz, A., Nesselbush, M. C., Soo, J., Schroers-Martin, J. G., Chen, et al  
2022
- **Practice patterns for the management of nodular lymphocyte-predominant Hodgkin lymphoma (NLPHL): an international survey by the Global NLPHL One Working Group (GLOW).** *Leukemia & lymphoma*  
Lo, A. C., Major, A., Super, L., Appel, B., Shankar, A., Constine, L. S., Marks, L. J., Kelly, K. M., Metzger, M. L., Buhtoiarov, I. N., Mauz-Korholz, C., Costa, A. R., Binkley, et al  
2022: 1-4
- **Radiotherapy for brain metastases from thyroid cancer: an institutional and national retrospective cohort study.** *Thyroid : official journal of the American Thyroid Association*  
Blomain, E. S., Berta, S., Hug, N. F., Giao, D. M., Meola, A., Binkley, M. S., Hui, C., Churilla, T., Shahsavari, N., Desai, K., Chang, S. D., Soltys, S., Pollom, et al  
2022
- **Digital Spatial Profiling Reveals Spatial Heterogeneity in Nodular Lymphocyte-Predominant Hodgkin Lymphoma**  
Rojansky, R., Younes, S., Subramanian, A., Binkley, M., Natkunam, Y.  
SPRINGER NATURE.2022: 1008-1009
- **Digital Spatial Profiling Reveals Spatial Heterogeneity in Nodular Lymphocyte-Predominant Hodgkin Lymphoma**  
Rojansky, R., Younes, S., Subramanian, A., Binkley, M., Natkunam, Y.  
SPRINGER NATURE.2022: 1008-1009
- **Acute and Late Esophageal Toxicity Following Stereotactic Ablative Radiotherapy to Thoracic Tumors near or Abutting the Esophagus.** *International journal of radiation oncology, biology, physics*  
Sodji, Q. H., Ko, R., von Eyben, R., Owen, S. G., Capaldi, D. P., Bush, K., Binkley, M. S., Alrowais, F., Pickthorn, B., Maxim, P. G., Gensheimer, M. F., Diehn, M., Loo, et al  
1800
- **RADIOTHERAPY FOR BRAIN METASTASES FROM THYROID CANCER: A RETROSPECTIVE COHORT STUDY**  
Blomain, E., Berta, S., Hug, N., Giao, D., Meola, A., Binkley, M., Shahsavari, N., Desai, K., Chang, S., Soltys, S., Pollom, E.  
OXFORD UNIV PRESS INC.2021: 42
- **Intracranial Response to Combination BRAF and MEK Inhibitor Therapy in Patients with Metastatic Melanoma**  
Hui, C., Wu, Y., Liu, K., Sandhu, N., Blomain, E., Binkley, M., Gephart, M., Chang, S., Li, G., Reddy, S., Gibbs, I., Soltys, S., Pollom, et al  
LIPPINCOTT WILLIAMS & WILKINS.2021: S48-S49
- **Radiotherapy for Management of Brain Metastases from Thyroid Cancer: A National Cancer Database Study**  
Blomain, E., Binkley, M., Giao, D., Churilla, T., Soltys, S., Pollom, E.  
LIPPINCOTT WILLIAMS & WILKINS.2021: S48
- **Investigating gene expression profiles associated with clinical radiation resistance in KEAP1/NFE2L2 wildtype lung cancer.**  
Binkley, M. S., Jeon, Y., Nesselbush, M., Moding, E. J., Nabet, B., Almanza, D., Yoo, C., Kurtz, D. M., Owen, S., Backhus, L. M., Berry, M. F., Shrager, J. B., Ramchandran, et al  
AMER ASSOC CANCER RESEARCH.2021
- **Stage I-II diffuse large B-cell lymphoma treated with rituximab and chemotherapy with or without radiotherapy.** *Leukemia & lymphoma*  
Binkley, M. S., Hiniker, S. M., Younes, S., Yoo, C., Wignarajah, A., Jin, M., Guo, H. H., Gupta, N. K., Natkunam, Y., Advani, R. H., Hoppe, R. T.  
2021: 1-15
- **Single Cell Analysis Can Define Distinct Evolution of Tumor Sites in Follicular Lymphoma.** *Blood*

- Haebe, S. E., Shree, T. n., Sathe, A. n., Day, G. n., Czerwinski, D. K., Grimes, S. n., Lee, H. n., Binkley, M. S., Long, S. R., Martin, B. A., Ji, H. P., Levy, R. n.  
2021
- **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  
AMER SOC CLINICAL ONCOLOGY.2020
  - **Stage I-II Nodular Lymphocyte-Predominant Hodgkin Lymphoma: a Multi-institutional Experience of Adult Patients by ILROG.** *Blood*  
Binkley, M. S., Rauf, M. S., Milgrom, S. A., Pinnix, C. C., Tsang, R. W., Dickinson, M. n., Ng, A. n., Roberts, K. B., Gao, S. n., Balogh, A. G., Ricardi, U. n., Levis, M. n., Casulo, et al  
2020
  - **Predicting per-lesion local recurrence in locally advanced non-small cell lung cancer following definitive radiation therapy using pre- and mid-treatment metabolic tumor volume.** *Radiation oncology (London, England)*  
Binkley, M. S., Koenig, J. L., Kashyap, M. n., Xiang, M. n., Liu, Y. n., Sodji, Q. n., Maxim, P. G., Diehn, M. n., Loo, B. W., Gensheimer, M. F.  
2020; 15 (1): 114
  - **KEAP1/NFE2L2 mutations predict lung cancer radiation resistance that can be targeted by glutaminase inhibition.** *Cancer discovery*  
Binkley, M. S., Jeon, Y. J., Nesselbush, M. n., Moding, E. J., Nabet, B. Y., Almanza, D. n., Kunder, C. n., Stehr, H. n., Yoo, C. H., Rhee, S. n., Xiang, M. n., Chabon, J. J., Hamilton, et al  
2020
  - **Salvage Treatment and Survival for Relapsed Follicular Lymphoma Following Primary Radiation Therapy: A Collaborative Study on Behalf of ILROG** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Binkley, M. S., Brady, J. L., Hajj, C., Chelius, M., Chau, K., Balogh, A., Levis, M., Filippi, A., Jones, M., Ahmed, S., MacManus, M., Wirth, A., Oguchi, et al  
2019; 104 (3): 522–29
  - **Detection of Solid Tumor Molecular Residual Disease(MRD) Using Circulating Tumor DNA (ctDNA)** *MOLECULAR DIAGNOSIS & THERAPY*  
Chin, R., Chen, K., Usmani, A., Chua, C., Harris, P. K., Binkley, M. S., Azad, T. D., Dudley, J. C., Chaudhuri, A. A.  
2019; 23 (3): 311–31
  - **Salvage treatment and survival for relapsed follicular lymphoma following primary radiotherapy: A collaborative study on behalf of ILROG.** *International journal of radiation oncology, biology, physics*  
Binkley, M. S., Brady, J. L., Hajj, C., Chelius, M., Chau, K., Balogh, A., Levis, M., Filippi, A. R., Jones, M., Ahmed, S., MacManus, M., Wirth, A., Oguchi, et al  
2019
  - **Definitive radiotherapy for localized follicular lymphoma staged by F-18-FDG PET-CT: a collaborative study by ILROG** *BLOOD*  
Brady, J. L., Binkley, M. S., Hajj, C., Chelius, M., Chau, K., Balogh, A., Levis, M., Filippi, A., Jones, M., Mac Manus, M., Wirth, A., Oguchi, M., Vistisen, et al  
2019; 133 (3): 237–45
  - **Detection of Solid Tumor Molecular Residual Disease (MRD) Using Circulating Tumor DNA (ctDNA).** *Molecular diagnosis & therapy*  
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