

Dartmouth Cancer Center - Hematology-Oncology Fellowship Program Selected Fellow Publications and abstracts.

Fellow names are bolded.

This is not meant to be comprehensive but rather to give a sense of the scholarly work our fellows are conducting.

2026

- Forsberg, P.A., Turner, J.A., **Meyer**, M., Abbott, D., Nicholson, S., Schade, H., Matous, J. and Gregory, T. (2026) 'Dexamethasone prophylaxis for excessive lymphocyte expansion after cilta-cel in multiple myeloma', Blood Advances.
- Lapp, C.**, Afzal, M., Xia, X., MacKenzie, T., Kuznia, H. and Haghollahi, S. (2026) 'Tolerance and clinical outcomes in elderly patients with hormone receptor positive breast cancer receiving CDK 4/6 inhibitors at a rural comprehensive cancer center', Clinical Cancer Research, 32(4_Supplement), p. PS1-12-14.
- Kohli, A., Woods, K.S., Recupido, B., Mishra, A., Taylor, M.A., Kubesh, M.E., **Sharma**, A. and Silberstein, P.T. (2026) 'Examining the impact of time-to-treatment on disease-specific survival in pediatric pilocytic astrocytoma: a multi-institutional retrospective cohort analysis', Pediatric Blood and Cancer, 73, p. e32026.
- Leatheng, C., **Lee**, Y., Park, E., Lansigan, F. and Gaulin, C.J. (2026) 'Lactic acidosis as initial presentation of primary bone marrow diffuse large B cell lymphoma' [poster abstract], American Thoracic Society Annual Meeting. To be published in American Journal of Respiratory and Critical Care Medicine, May 2026.
- Leatheng, C., **Lee**, Y., Khamechand, A. and Gaulin, C.J. (2026) 'Acute pulmonary hemorrhage in a neutropenic patient: transfusion-related lung injury (TRALI) vs invasive aspergillosis' [abstract], American Thoracic Society Annual Meeting. To be published in American Journal of Respiratory and Critical Care Medicine, May 2026.
- Sharma**, A., **Dhawan**, N., **Riano**, I., Pomeroy, M., Hayes, C., Silvius, K., Dowling-Schmitt, M., Johnson, R., Field, K., Park, A., Rodriguez, C., Montano, R., Benoit, P. and Lansigan, F. (2026) 'Implementing a novel interprofessional morbidity and mortality conference in hematology/oncology fellowship', International Journal of Cancer Care and Delivery [abstract].
- Ghanem**, A., **Sharma**, A., Green, D., Rivard, V., Bianconi, S., Lansigan, F., Kaur, P., Donnelly, L., Karrs, J., Khan, W., Shah, P. and Gaulin, C. (2026) 'Closing the gap: genetic profiling of B-cell lymphomas using integrative whole-exome and whole-transcriptome sequencing' [abstract], American Society of Hematology Annual Meeting.

2025

- Markey, C., Patterson, W., **Shah**, J., **Lodyga**, M., MacKenzie, T., Rotenberg, S. et al. (2025) 'Impact of preexisting mental health disorders and psychiatric pharmacotherapy on hospital length of stay in immune effector cell therapy recipients', Blood, 146, p. 4518.
- Miyashita**, H. and Aoshima, K. (2025) 'Machine learning models to predict skeletal-related events in bone metastasis from advanced cancer', Journal of Clinical Oncology, 43(16_suppl), p. 12074.
- Joensuu, H., **Miyashita**, H., George, S. and Sicklick, J. (2025) 'Navigating ongoing challenges in GI stromal tumors', American Society of Clinical Oncology Educational Book, 45(3), p. e473224.
- Leatheng, C., Khamechand, A., Brooks, G.A. and **Miyashita**, H. (2025) 'Correlation among early surrogate endpoints and survival in borderline-resectable pancreatic cancer: a trial-level meta-analysis', Cancer Research, 85(8_Supplement_1), p. 827.

- Riano**, I., Velez, M.A., Pomares-Millan, H., Blaquier, J., Peshin, S., Feldman, J. et al. (2025) 'Expanding lung cancer clinical trial criteria: a systematic review on inclusion of patients with brain metastases and leptomeningeal disease', *Clinical Lung Cancer*.
- Rho**, Y., **Agogbuo**, O.O., Kuznia, H., Karkowski, K., Pomeroy, M., **Sharma**, A. et al. (2025) 'Optimizing bispecific T-cell engager care delivery for northern New England's rural population: a quality improvement initiative at Dartmouth Cancer Center', *JCO Oncology Practice*, 21(10_suppl), p. 176.
- Dizman, N., Bakouny, Z., Haykal, T., **Riano**, I., Desai, A., Butt, A., Basu, A., Zhao, D. et al. (2025) 'Guide to understanding and supporting international medical graduates in hematology/oncology by the ASCO International Medical Graduates Community of Practice', *JCO Oncology Practice*, 21(3), pp. 292–299.
- O'Farrell, J., **Lapp**, C., Kuznia, H. and Afzal, M.Z. (2025) 'The role of immunotherapy and immune modulators in hormone-positive breast cancer: implications for localized and metastatic disease', *Journal of Clinical Medicine*, 14(12), p. 4322.
- Moon, O.H., Taylor, M.A., Hamadi, O., **Sharma**, A. and Silberstein, P. (2025) 'Rural–urban disparities in treatment and disease-specific survival for patients with intrahepatic cholangiocarcinoma: a retrospective cohort analysis of the 2000 to 2021 SEER database', *Medical Sciences*, 13(3), p. 158.
- Woods, K., Taylor, M., Hamadi, O., **Sharma**, A., Li, X. and Silberstein, P. (2025) 'Disparities in radiation therapy utilization for solitary plasmacytoma of bone: a Surveillance, Epidemiology, and End Results database analysis', *Cancers*, 17(20), p. 3294.
- Sharma**, A. et al. (2025) 'Concordance of somatic whole exome sequencing and germline genotyping of DPYD to screen for DPD deficiency', *Journal of Clinical Oncology*, 43, p. 10584 [abstract].
- Syme, K., Lu, L., Ould Ismail, A.A., **Sharma**, A., Zanazzi, G., Shirai, K. and Liu, X. (2025) 'Clinicopathologic insights into brain metastasis and survival in small cell lung cancer: a retrospective cohort study', *Laboratory Investigation*, 105, p. 103979.

2024

- Thapa, B., Kato, S., Nishizaki, D., **Miyashita**, H., Lee, S., Nesline, M.K., Previs, R.A. et al. (2024) 'OX40/OX40 ligand and its role in precision immune oncology', *Cancer and Metastasis Reviews*, 43(3), pp. 1001–1013.
- Miyashita**, H., Nishizaki, D., **Lee**, S., Nesline, M.K., Conroy, J.M., DePietro, P. et al. (2024) 'Use of CRTAM expression as a predictive biomarker for immune checkpoint blockade in a pan-cancer cohort', *Journal of Clinical Oncology*, 42(16_suppl), p. 2630.
- Fujiwara, Y., Kato, S., Nishizaki, D., **Miyashita**, H., Lee, S., Nesline, M.K. et al. (2024) 'Pan-cancer B- and T-cell transcriptome analysis of CXCL13 as a predictive marker for immune checkpoint inhibitor response', *Journal of Clinical Oncology*, 42(16_suppl), p. 2626.
- Miyashita**, H., Bevins, N.J., Thangathurai, K., Lee, S., Pabla, S., Nesline, M.K. et al. (2024) 'The transcriptomic expression pattern of immune checkpoints shows heterogeneity between and within cancer types', *American Journal of Cancer Research*, 14(5), p. 2240.
- Ahmed, J., Nishizaki, D., **Miyashita**, H., Lee, S., Nesline, M.K., Pabla, S. et al. (2024) 'TIM-3 transcriptomic landscape with clinical and immunomic correlates in cancer', *American Journal of Cancer Research*, 14(5), p. 2493.
- Miyashita**, H., Kato, S. and Hong, D.S. (2024) 'KRAS G12C inhibitor combination therapies: current evidence and challenge', *Frontiers in Oncology*, 14, p. 1380584.
- Fujiwara, Y., Kato, S., Nishizaki, D., **Miyashita**, H., Lee, S., Nesline, M.K. et al. (2024) 'High indoleamine 2,3-dioxygenase transcript levels predict better outcome after front-line cancer immunotherapy', *iScience*, 27(4).
- Moussa, P., Kurzrock, R., Nishizaki, D., **Miyashita**, H., Lee, S., Nikanjam, M. et al. (2024) 'Transcriptomic analysis of GITR and GITR ligand reveals cancer immune heterogeneity with implications for GITR targeting', *American Journal of Cancer Research*, 14(4), p. 1634.
- Nishizaki, D., Kurzrock, R., **Miyashita**, H., Adashek, J.J., Lee, S., Nikanjam, M. et al. (2024) 'Viewing the immune checkpoint VISTA: landscape and outcomes across cancers', *ESMO Open*, 9(4), p. 102942.

- Miyashita, H., Shah, P.S. and Brooks, G.A.** (2024) 'Genomic and clinical characteristics of advanced pancreatobiliary cancer, stratified by KRAS mutation status', *Cancer Research*, 84(6_Supplement), p. 4980.
- Ababneh, O.E., Kato, S., Nishizaki, D., **Miyashita, H.**, Lee, S., Nesline, M., Pabla, S. et al. (2024) 'The predictive role of TNF-related genes in patients receiving immune checkpoint inhibitors', *Cancer Research*, 84(6_Supplement), p. 6393.
- Miyashita, H. and Hong, D.S.** (2024) 'Combining EGFR and KRAS G12C inhibitors for KRAS G12C mutated advanced colorectal cancer', *Journal of Cancer Immunology*, 6(2), p. 62.
- Krishnamurthy, N., Nishizaki, D., Lippman, S.M., **Miyashita, H.**, Nesline, M.K. et al. (2024) 'High CTLA-4 transcriptomic expression correlates with high expression of other checkpoints and with immunotherapy outcome', *Therapeutic Advances in Medical Oncology*, 16, p. 17588359231220510.
- Lim, J., Kurzrock, R., Nishizaki, D., **Miyashita, H.**, Adashek, J.J., Lee, S., Pabla, S. et al. (2024) 'Pan-cancer analysis of TIM-3 transcriptomic expression reveals high levels in pancreatic cancer and interpatient heterogeneity', *Cancer Medicine*, 13(1), p. e6844.
- Miyashita, H., Kato, S. and Sicklick, J.K.** (2024) *Precision Clinical Genomics and Single Subject Studies of Multi-Omics Data*. Elsevier.
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- Florez, N., Kiel, L., **Riano, I.**, Patel, S., DeCarli, K., **Dhawan, N.**, Franco, I., Odai-Afotey, A., Meza, K., Swami, N., Patel, J. and Sequist, L.V. (2024) 'Lung cancer in women: the past, present, and future', *Clinical Lung Cancer*, 25(1), pp. 1–8.
- Riano, I., Carey, M.A., Pomares-Millan, H., Moran, J., Rigas, J.R. and Dragnev, K.H.** (2024) 'Pilot web-based study of functional status and quality of life benefits associated with darbepoetin alfa use in anemic patients with lung cancer', *Journal of Thoracic Oncology*, 19(10), p. S704.
- Riano, I., Alas-Pineda, C., Reyes Garcia, S., Murillo, R., Gutiérrez-Delgado, F. et al.** (2024) 'Community-led action research in oncology: pandemic-appropriate radiotherapy innovations evaluated (CLARO PARTE) for Latin America and the Caribbean countries', *JCO Global Oncology*, 10, p. e2400051.
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- Chen, Y., Liu, T., Feng, H., Liu, T., Zhang, J., Wang, J., Lu, J., Rossi, A., **Riano, I.** et al. (2024) 'The prognostic role of albumin levels in lung cancer patients receiving third-line or advanced immunotherapy: a retrospective study', *Translational Lung Cancer Research*, 13(6), pp. 1307–1317.
- Riano, I., Velez, M.A., Pomares-Millan, H. and Velazquez Manana, A.I.** (2024) 'Uptake of recommendations for broadening clinical trial eligibility criteria for patients with brain metastasis and leptomeningeal disease in lung cancer clinical trials', *Journal of Clinical Oncology*, 42(16_suppl), p. e23007.
- Abrams, H., Abuali, I., Khan, A.M., **Riano, I.**, Allen, G., Spinner, M.A. and Komanduri, K. (2024) 'Cell therapy: actionable takeaways from the 2023 Precision Oncology Summit session', *International Journal of Cancer Care and Delivery*, 4(1).
- Khan, A.M., Abuali, I., Abrams, H., **Riano, I.**, Larkin, K.T., Wieduwilt, M. et al. (2024) 'Precision oncology in hematological malignancies: takeaways from the 2023 Precision Oncology Summit', *International Journal of Cancer Care and Delivery*, 4(1).
- Khan, A.M., Abuali, I., Abrams, H., **Riano, I.** and Funchain, P. (2024) 'Precision oncology in solid tumors: key learning points from the 2023 Precision Oncology Summit', *International Journal of Cancer Care and Delivery*, 4(1).
- Abuali, I., **Riano, I.**, Abrams, H., Khan, A.M. and Ji, H.P. (2024) 'Gastrointestinal malignancies: actionable takeaways from the 2023 Precision Oncology Summit', *International Journal of Cancer Care and Delivery*, 4(1).

- Riano**, I., Abuali, I., Abrams, H., Khan, M., Kohli, M. and Iagaru, A. (2024) 'Implementation of precision oncology into the diagnostic and therapeutic armamentarium: actionable takeaways from the 2023 Precision Oncology Summit', *International Journal of Cancer Care and Delivery*, 4(1).
- Riano**, I., Abuali, I., Abrams, H., Khan, M., Adjei, A.A., Neal, J. and Das, M. (2024) 'Update in precision oncology in non-small cell lung cancer', *International Journal of Cancer Care and Delivery*, 4(1).
- Abuali, I., Abrams, H., Khan, A.M., **Riano**, I., Munster, P., Yadav, S. et al. (2024) 'The revolution in germline DNA testing: actionable takeaways from the 2023 Precision Oncology Summit', *International Journal of Cancer Care and Delivery*, 4(1).
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- Riano**, I., Contreras-Chavez, P., Pabon, C.M., Meza, K., Kiel, L., Bejarano, S. et al. (2024) 'An overview of cervical cancer prevention and control in Latin America and the Caribbean countries', *Hematology/Oncology Clinics*, 38(1), pp. 13–33.
- Lee**, Y. and Shirai, K. (2024) 'In-hospital outcomes and mortality of drug-induced pneumonitis and radiation pneumonitis in patients with thoracic cancer', *Journal of Clinical Oncology*, 42(16_suppl), p. 12042 [poster — ASCO Annual Meeting 2024].
- Lee**, Y. and Goodman, J.R. (2024) 'Influence of multidisciplinary teams (MDT) on breast satisfaction and sexual well-being in the immediate postoperative phase following breast-conserving surgery (BCS)', *Journal of Clinical Oncology*, 42(16_suppl), p. e13788 [abstract — ASCO Annual Meeting 2024].
- Aldecoa, K.A.T., Loh, K.P., **Lee**, Y., Soror, N., Arsene, C., Krishnamoorthy, G. and Mohan, M. (2024) 'Comparison of healthcare utilization in patients undergoing CAR T-cell therapy for multiple myeloma and lymphoma', *Blood*, 144, p. 3652 [poster — ASH Annual Meeting 2024].
- Aldecoa, K.A., **Lee**, Y., Deptula, L., Mbionwu, C., Eto, E., Salamatov, E., Frame, M., Briefs Ferris, A., Krishnamoorthy, G., Kirby, A. and Goodman, J. (2024) 'Exploring factors associated with sexual well-being and breast satisfaction among women with early-stage breast cancer', *Cancer Research*, 84(9_Supplement), p. PO1-12-04 [poster — AACR Annual Meeting 2024].
- Russo, A., Lee, J.K., Pasquina, L.W., Del Re, M., Dilks, H.H., Murugesan, K., Madison, R.W., **Lee**, Y., Schrock, A.B., Comment, L., Dietrich, M., Oxnard, G.R. and Rolfo, C. (2024) 'Liquid biopsy of lung cancer before pathological diagnosis is associated with shorter time to treatment', *JCO Precision Oncology*, 8, p. e2300535.
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- Uehara, Y., Kato, S., Nishizaki, D., **Miyashita**, H., Adashek, J.J., **Lee**, S. et al. (2023) 'Pan-cancer analysis of 4-1BB transcriptome expression and its impact on outcome in patients treated with immune checkpoint inhibitors', *Annals of Oncology*, 34, pp. S1623–S1624.
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- Fujiwara, Y., **Miyashita**, H. and Liaw, B.C. (2023) 'First-line therapy for elderly patients with advanced renal cell carcinoma in the immuno-oncology era: a network meta-analysis', *Cancer Immunology, Immunotherapy*, 72(6), pp. 1355–1364.
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- Banerjee, R., Kareff, S.A., Leyfman, Y., **Dhawan**, N., Hammons, L.R., Desai, A. et al. (2023) 'Professional challenges for United States hematology/oncology trainees during COVID-19', *Cancer Investigation*, 41(6), pp. 539–547.
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