

## Colin Bergstrom

- Postdoctoral Medical Fellow, Oncology
- Fellow in Medicine - Med/Hematology

### Publications

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#### PUBLICATIONS

- **AI-enabled virtual spatial proteomics from histopathology for interpretable biomarker discovery in lung cancer.** *Nature medicine*  
Li, Z., Li, Y., Xiang, J., Wang, X., Yang, S., Zhang, X., Eweje, F., Chen, Y., Luo, X., Li, Y., Mulholland, J., Bergstrom, C., Kim, et al  
2026
- **Association of germline homologous recombination deficiency mutations with HER2 status conversion from negative to positive following neoadjuvant chemotherapy in breast cancer.**  
Bergstrom, C. P., Troxell, M., Caswell-Jin, J., Bean, G., Allison, K. H., Telli, M. L.  
LIPPINCOTT WILLIAMS & WILKINS.2025: 1034
- **Impact of genomic alterations on outcomes in patients with metastatic castration resistant prostate cancer (mCRPC) treated with Lu-177 radioligand therapy (RLT)**  
Chalker, C., Bergstrom, C. P., Allen, J., Yilmaz, B., Song, H., Khaki, A., Sokolova, A.  
LIPPINCOTT WILLIAMS & WILKINS.2025: e17099
- **Baseline hematological parameters and outcomes in patients with prostate cancer treated with Lu-177 PSMA radioligand therapy (RLT): A multicenter real-world analysis**  
Bergstrom, C. P., Allen, J., Chalker, C., Song, H., Sokolova, A., Khaki, A.  
LIPPINCOTT WILLIAMS & WILKINS.2025: e17047
- **Digital pathology-based AI spatial biomarker to predict outcomes for immune checkpoint inhibitors in advanced non-small cell lung cancer.**  
Eweje, F., Li, Z., Li, Y., Bergstrom, C. P., Kim, T., Olguin, F., Willens, S., Gopaulchan, M., Nirschl, J., Neal, J. W., Diehn, M., Li, R.  
LIPPINCOTT WILLIAMS & WILKINS.2025: 8569
- **Machine learning-derived B-cell epitopes classifiers for early detection of renal cell carcinoma.**  
Campbell, T., Bergstrom, C. P., Hoerner, C., Shon, J., Leppert, J., Fan, A. C.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Artificial Intelligence-enabled Spatial Tumor Microenvironment Profiling Predicts Response to Immunotherapy in Invasive Breast Carcinoma**  
Eweje, F., Li, Z., Yuan, K., Olguin, F., Bergstrom, C., Nirschl, J., Li, R.  
ELSEVIER SCIENCE INC.2025
- **PSA response and survival based on metastatic site in patients with metastatic castration resistant prostate cancer (mCRPC) treated with lutetium-177-PSMA-vipivotide tetraxetan (Lu177-PVT).**  
Allen, J., Bergstrom, C. P., Song, H., Hoffmann, C., Ruiz, S., Chien, J., Moore, K., Parikh, D., Shah, S., Fan, A. C., Srinivas, S., Iagaru, A., Khaki, et al  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **A vision-language foundation model for precision oncology.** *Nature*  
Xiang, J., Wang, X., Zhang, X., Xi, Y., Eweje, F., Chen, Y., Li, Y., Bergstrom, C., Gopaulchan, M., Kim, T., Yu, K. H., Willens, S., Olguin, et al  
2025
- **Interaction between the gut microbiota and colonic enteroendocrine cells regulates host metabolism.** *Nature metabolism*

Tan, S., Santolaya, J. L., Wright, T. F., Liu, Q., Fujikawa, T., Chi, S., Bergstrom, C. P., Lopez, A., Chen, Q., Vale, G., McDonald, J. G., Schmidt, A., Vo, et al

2024; 6 (6): 1076-1091

- **Same-day post-therapy imaging with a new generation whole-body digital SPECT/CT in assessing treatment response to [177Lu]Lu-PSMA-617 in metastatic castration-resistant prostate cancer.** *European journal of nuclear medicine and molecular imaging*  
Song, H., Leonio, M. I., Ferri, V., Duan, H., Aparici, C. M., Davidzon, G., Franc, B. L., Moradi, F., Shah, J., Bergstrom, C. P., Fan, A. C., Shah, S., Khaki, et al  
2024
- **Detecting androgen receptor (AR), AR variant 7 (AR-V7), prostate-specific membrane antigen (PSMA), and prostate-specific antigen (PSA) gene expression in CTCs and plasma exosome-derived cfRNA in patients with metastatic castration-resistant prostate cancer (mCRPC) by integrating the VTX-1 CTC isolation system with the QIAGEN AdnaTest.** *BMC cancer*  
Liu, H. E., Vuppapalaty, M., Hoerner, C. R., Bergstrom, C. P., Chiu, M., Lemaire, C., Che, J., Kaur, A., Dimmick, A., Liu, S., Metzner, T. J., Araya, M., Crouse, et al  
2024; 24 (1): 482
- **Real world outcomes in patients with metastatic castration-resistant prostate cancer (mCRPC) treated with lutetium-177-PSMA-vipivotide tetraxetan (Lu177-PVT)**  
Bergstrom, C. P., Song, H., Ruiz, S., Chien, J., Moore, K., Parikh, D., Shah, S., Fan, A. C., Srinivas, S., Iagaru, A., Khaki, A.  
LIPPINCOTT WILLIAMS & WILKINS.2024: 86
- **Assessing the clinical utility of rapid post-therapy whole-body digital SPECT/CT in evaluating early treatment response of <sup>177</sup>Lu-PSMA-617 treatment.**  
Leonio, M., Ferri, V., Duan, H., Shah, J., Moradi, F., Mari Aparici, C., Franc, B., Davidzon, G., Bergstrom, C. P., Fan, A. C., Shah, S., Khaki, A., Srinivas, et al  
LIPPINCOTT WILLIAMS & WILKINS.2024: 32
- **Total and anatomically contextualized quantitative <sup>18</sup>F-DCFPyL PET at biochemical recurrence to predict subsequent biochemical progression-free survival in patients with prostate cancer.**  
Song, H., Anand, A., Sjostrand, K., Ferri, V., Duan, H., Shah, J., Moradi, F., Aparici, C., Franc, B., Davidzon, G., Bergstrom, C. P., Fan, A. C., Shah, et al  
LIPPINCOTT WILLIAMS & WILKINS.2024: 33
- **Clinicopathological features and clinical outcomes in individuals with Krukenberg tumors of colorectal origin.**  
Bergstrom, C. P., Wang, C., King, D., Lin, A. Y., Fisher, G. A.  
LIPPINCOTT WILLIAMS & WILKINS.2024: 191
- **Actionable molecular alterations in veterans with advanced cholangiocarcinoma**  
Lin, E., Mehlhaff, E. G., Bergstrom, C. P., Lesnik, D. M., Loconte, N. K., Lubner, S., Matkowskyj, K. A., Patel, M., Ronnekleiv-Kelly, S., Uboha, N., Wachsmann, M., Wang, D. H., Lin, et al  
LIPPINCOTT WILLIAMS & WILKINS.2024: 548
- **Survival impact of homologous recombination deficiency in veterans with cholangiocarcinoma including mutual exclusivity with pathogenic KRAS and TP53**  
Bergstrom, C. P., Lin, E., Mehlhaff, E. G., Lesnik, D. M., Loconte, N. K., Lubner, S., Matkowskyj, K. A., Patel, M., Ronnekleiv-Kelly, S., Uboha, N., Wachsmann, M., Wang, D. H., Lin, et al  
LIPPINCOTT WILLIAMS & WILKINS.2024: 546
- **Brody Myopathy Presenting as Recurrent Rhabdomyolysis.** *The American journal of medicine*  
Bergstrom, C., Remz, M., Khan, S., McNutt, M.  
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- **Leukocyte immunoglobulin-like receptor B1 and B4 (LILRB1 and LILRB4): Highly sensitive and specific markers of acute myeloid leukemia with monocytic differentiation.** *Cytometry. Part B, Clinical cytometry*  
Churchill, H. R., Fuda, F. S., Xu, J., Deng, M., Zhang, C. C., An, Z., Zhang, N., Chen, P., Bergstrom, C., Kansagra, A., Collins, R., John, S., Koduru, et al  
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- **ASO Author Reflections: Clinical Correlates of Moderate-Penetrance Genes in Breast Cancer.** *Annals of surgical oncology*  
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- **Clinicopathological Features and Outcomes in Individuals with Breast Cancer and ATM, CHEK2, or PALB2 Mutations.** *Annals of surgical oncology*  
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2021; 28 (6): 3383-3393
- **The association of leukocyte immunoglobulin-like receptor subfamily B-4 expression in acute myeloid leukemia and central nervous system involvement.** *Leukemia research*  
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- **Diagnostic Imaging for Breast Pain: A Teachable Moment.** *JAMA internal medicine*  
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- **Thrombin Generation in a patient with Triple Positive Antiphospholipid Syndrome Treated with Three Different Anticoagulants.** *Transfusion and apheresis science : official journal of the World Apheresis Association : official journal of the European Society for Haemapheresis*  
Bergstrom, C. P., Zia, A., Sarode, R., Nagalla, S.  
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- **The association of lymphotoxin-beta receptor with the subsequent diagnosis of incident gastrointestinal cancer: results from the Dallas Heart Study.** *Journal of gastrointestinal oncology*  
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- **Management of Patients With Febrile Neutropenia: A Teachable Moment.** *JAMA internal medicine*  
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