

SEP. 3 (WED) – 5 (FRI) | GRAND WALKERHILL SEOUL, KOREA

- **Name:** Kenneth L. Kehl
 - **Current Position & Affiliation:** Physician, Medical Oncology, Dana-Farber Cancer Institute
 - **Country:** USA
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• Educational Background:

Education

2004	BA	Biology	Northwestern University, Evanston, IL
2008	MD	Medicine	Feinberg School of Medicine, Northwestern University, Chicago, IL
2017	MPH	Biostatistics	University of Texas Health Sciences Center, Houston, TX

• Professional Experience:

Postdoctoral Training

6/2008-6/2011	Intern/Resident	Internal Medicine	Brigham and Women's Hospital (BWH), Boston, MA
7/2014-6/2017	Fellow	Hematology/Medical Oncology	University of Texas MD Anderson Cancer Center, Houston, TX

Faculty Academic Appointments

7/2011-8/2012	Instructor	Medicine	Feinberg School of Medicine Northwestern University
6/2012-6/2014	Instructor, Part-time	Medicine	Harvard Medical School (HMS), Boston, MA
9/2017-1/2021	Instructor	Medicine	HMS
2/2021-	Assistant Professor	Medicine	HMS

Appointments at Hospitals/Affiliated Institutions

7/2011-7/2012	Hospitalist	Medicine	Northwestern Memorial Hospital, Chicago, IL
7/2012-6/2014	Associate Physician	General Medicine	BWH
7/2012-6/2014	Associate Physician	General Medicine	Brigham and Women's Faulkner Hospital, Boston, MA
8/2017-	Physician	Medical Oncology	Dana-Farber Cancer Institute (DFCI), Boston, MA
9/2017-	Associate Physician	Medical Oncology	BWH

• Professional Organizations:

2014- American Society of Clinical Oncology (ASCO)

• Main Scientific Publications:

1. de Bruijn I, Kundra R, Mastrogiacono B, Tran TN, Sikina L, Mazor T, Li X, Ochoa A, Zhao G, Lai B, Abeshouse A, Baiceanu D, Ciftci E, Dogrusoz U, Dufilie A, Erkoc Z, Garcia Lara E, Fu Z, Gross BE, Haynes CD, Heath A, Higgins DM, Jagannathan P, Kalletla K, Kumari P, Lindsay JR, Lisman A, Leenknecht B, Lukasse P, Madala D, Madupuri R, van Nierop P, Plantalech O, Quach J, Resnick A, Rodenburg SYA, Satravada BA, Schaeffer F, Sheridan R, Singh J, Sirohi R, Sumer SO, van Hagen S, Wang A, Wilson M, Zhang H, Zhu K, Rusk N, Brown S, Lavery JA, Panageas KS, Rudolph JE, LeNoue-Newton ML, Warner JL, Guo X, Hunter-Zinck H, Yu TV, Pillai S, Nichols C, Gardos SM, Philip J, Bpc Core Team G, Project Genie Consortium A, **Kehl KL**, Riely GJ, Schrag D, Lee J, Fiandalo MV, Sweeney SM, Pugh TJ, Sander C, Cerami E, Gao J, Schultz N. Analysis and Visualization of Longitudinal Genomic and Clinical Data from the AACR Project GENIE Biopharma Collaborative in cBioPortal. *Cancer Res.* 2023 Sep 5; online ahead of print. PMID: 37668528.
2. Grabski IN, Heymach JV, **Kehl KL**, Kopetz S, Lau KS, Riely GJ, Schrag D, Yaeger R, Irizarry RA, Haigis KM. Effects of KRAS genetic interactions on outcomes in cancers of the lung, pancreas, and colorectum. *Cancer Epidemiol Biomarkers Prev.* 2024 Jan 9;33(1):158-169. PMID: 37943166.
3. Sanz-Garcia E, Brown S, Lavery JA, Weiss J, Fuchs HE, Newcomb A, Postle A, Warner JL, LeNoue-Newton ML, Sweeney SM, Pillai S, Yu C, Nichols C, Mastrogiacono B, Kundra R, Schultz N, **Kehl KL**, Riely GJ, Schrag D, Govindarajan A, Panageas KS, Bedard PL. Genomic characterization and clinical outcomes of patients with peritoneal metastases from the AACR GENIE Biopharma Collaborative colorectal cancer registry. *Cancer Res Commun.* 2024 Feb 20;4(2):475-486. PMID: 38329392.
4. **Kehl KL**, Lavery JA, Brown S, Fuchs H, Riely G, Schrag D, Newcomb A, Nichols C, Micheel CM, Bedard PL, Sweeney SM, Fiandalo M, Panageas KS; AACR Project GENIE BPC Core Team. Biomarker inference and the timing of next-generation sequencing in a multi-institutional, cross-cancer clinicogenomic data set. *JCO Precis Oncol.* 2024 Mar;8:e2300489. PMID: 38484212.
5. **Kehl KL**, Mazor T, Trukhanov P, Lindsay J, Galvin MR, Farhat KS, McClure E, Giordano A, Gandhi L, Schrag D, Hassett MJ, Cerami E. Identifying Oncology Clinical Trial Candidates Using Artificial Intelligence Predictions of Treatment Change: A Pilot Implementation Study. *JCO Precis Oncol.* 2024 Mar;8:e2300507. PMID: 38513166.
6. Hantel A, Walsh TP, Marron JM, **Kehl KL**, Sharp R, Van Allen E, Abel GA. Perspectives of oncologists on the ethical implications of using artificial intelligence for cancer care. *JAMA Netw Open.* 2024 Mar 4;7(3):e244077. PMID: 38546644. PMCID: PMC10979310.
7. Lotter W, Hassett MJ, Schultz N, **Kehl KL**, Van Allen EM, Cerami E. Artificial Intelligence in Oncology: Current Landscape, Challenges, and Future Directions. *Cancer Discov.* 2024 Mar 21:OF1-OF16. PMID: 38597966.
8. Uno H, Tian L, Horiguchi M, Hattori S, **Kehl KL**. Regression models for average hazard. *Biometrics* 2024;80(2):ujae037. PMID: 38771658.

9. Sun VH, Heemelaar JC, Hadzic I, Raghu VK, Wu CY, Zubiri L, Ghamari A, LeBoeuf NR, Abu-Shawer O, **Kehl KL**, Grover S, Singh P, Suero-Abreu GA, Wu J, Falade AS, Grealish K, Thomas MF, Hathaway N, Medoff BD, Gilman HK, Villani AC, Ho JS, Mooradian MJ, Sise ME, Zlotoff DA, Blum SM, Dougan M, Sullivan RJ, Neilan TG, Reynolds KL. Enhancing Precision in Detecting Severe Immune-Related Adverse Events: Comparative Analysis of Large Language Models and International Classification of Disease Codes in Patient Records. *J Clin Oncol*. 2024 Sep 3;JCO2400326. PMID: 39226489.

10. Jee J, Fong C, Pichotta K, Tran TN, Luthra A, Waters M, Fu C, Altoe M, Liu SY, Maron SB, Ahmed M, Kim S, Pirun M, Chatila WK, de Bruijn I, Pasha A, Kundra R, Gross B, Mastrogiacomo B, Aprati TJ, Liu D, Gao J, Capelletti M, Pekala K, Loudon L, Perry M, Bandlamudi C, Donoghue M, Satravada BA, Martin A, Shen R, Chen Y, Brannon AR, Chang J, Braunstein L, Li A, Safonov A, Stonestrom A, Sanchez-Vela P, Wilhelm C, Robson M, Scher H, Ladanyi M, Reis-Filho JS, Solit DB, Jones DR, Gomez D, Yu H, Chakravarty D, Yaeger R, Abida W, Park W, O'Reilly EM, Garcia-Aguilar J, Socci N, Sanchez-Vega F, Carrot-Zhang J, Stetson PD, Levine R, Rudin CM, Berger MF, Shah SP, Schrag D, Razavi P, **Kehl KL**, Li BT, Riely GJ, Schultz N; MSK Cancer Data Science Initiative Group. Automated real-world data integration improves cancer outcome prediction. *Nature* 2024 Nov 6. doi: 10.1038/s41586-024-08167-5. Online ahead of print. PMID: 39506116.

11. **Kehl KL**, Jee J, Pichotta K, Paul MA, Trukhanov P, Fong C, Waters M, Bakouny Z, Xu W, Choueiri TK, Nichols C, Schrag D, Schultz N. Shareable artificial intelligence to extract cancer outcomes from electronic health records for precision oncology research. *Nature Communications* 2024 Nov 12;15(1):9787. doi: 10.1038/s41467-024-54071-x. PMID: 39532885. PMCID: PMC11557593.

12. Khan MA, Ayub U, Naqvi SAA, Khakwani KZR, Sipra ZBR, Raina A, Zhou S, He H, Saeidi A, Hasan B, Rumble BR, Bitterman DS, Warner JL, Zou J, Tevaarwerk AJ, Leventakos K, **Kehl KL**, Palmer JM, Murad MH, Baral C, Riaz IB. Collaborative large language models for automated data extraction in living systematic reviews. *J Am Med Inform Assoc*. 2005;ocae325. Doi: 10.1093/jamia/ocae325. PMID: 39836495.